

Historical Monthly Energy Review

1973–1992

Energy Information Administration
Office of Energy Markets and End Use
U.S. Department of Energy
Washington, DC 20585

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

Historical Monthly Energy Review

The *Historical Monthly Energy Review (HMER)* presents monthly and annual data from 1973 through 1992 on production, consumption, stocks, imports, exports, and prices of the principal energy commodities in the United States. Also included are data on international production of crude oil, consumption of petroleum products, petroleum stocks, and production of electricity from nuclear-powered facilities.

This publication is a companion to the *Monthly Energy Review (MER)* in the sense that the data series presented here are the same as those found in the *MER*, also published by the Energy Information Administration (EIA). Since the *HMER* presents monthly data for all years from 1973 through 1992 and includes previously unpublished revisions to *MER* data, it is the most convenient and most accurate source of historical *MER* data.

Publication of this report is in keeping with responsibilities given to EIA in Public Law 95-91 (Department of Energy Organization Act), which states, in part, in Section 205(a)(2) that:

The Administrator shall be responsible for carrying out a central, comprehensive, and unified energy data and information program which will collect, evaluate, assemble, analyze, and disseminate data and information...

Contacts

The *Historical Monthly Energy Review (HMER)* was prepared by EIA. General information about this report may be obtained from W. Calvin Kilgore, Director, Office of Energy Markets and End Use, 202-586-1617; Lynda T. Carlson, Director, Energy End Use and Integrated Statistics Division, 202-586-1112; and Katherine E. Seiferlein, Chief, Integrated Statistics Branch, 202-586-5692.

Questions and comments concerning the contents of the *HMER* may be directed to the Principal Analyst, Chuck Allen, 202-586-5692, or through Internet at callen@eia.doe.gov.

Requests for additional information on other energy statistics available from EIA and questions concerning subscriptions and report distribution may be directed to the

National Energy Information Center, at the address and telephone numbers shown under **Ordering Information**.

Ordering Information

This and other EIA publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office; a preprinted order form in the back of this publication is provided for your convenience.

Telephone and fax orders should be directed to:

U.S. Government Printing Office
McPherson Square Bookstore
1510 H Street, N.W.
Washington, DC 20005
202-653-2050
9 a.m. to 4:30 p.m., eastern time, M-F
Fax: 202-376-5055 (24 hours a day)

Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402
8 a.m. to 4 p.m., eastern time, M-F
Fax: 202-512-2233 (24 hours a day)

Mail orders should be directed to:

U.S. Government Printing Office
P.O. Box 371954
Pittsburgh, PA 15250-7954

Complimentary subscriptions and single issues are available to certain groups of subscribers, such as public and academic libraries; Federal, State, local and foreign governments; EIA survey respondents; and the media. For further information and for answers to questions on energy statistics, please contact EIA's National Energy Information Center. Address, telephone numbers, and hours are as follows:

National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
202-586-8800, 9 a.m. to 5 p.m., eastern time, M-F
Internet: infoctr@eia.doe.gov

TTY: For people who are deaf or hard of hearing: 202-586-1181

Electronic Access

The *Historical Monthly Energy Review* data are available electronically. See the inside back cover of this publication for information about ordering computer diskettes. For information needed to access data through EIA's Electronic Publishing System (EPUB), see page 357. Contact the U.S. Government Printing Office at 202-512-1524 for information about accessing the Federal Bulletin Board.

A Message to Readers of the *Historical Monthly Energy Review*

Three years ago the Energy Information Administration (EIA) published the first *Historical Monthly Energy Review (HMER)*, covering data from 1973-1988. That report was created to address the need for a compendium of monthly energy data under one cover with detailed source documentation. It served as a supplement to the *Monthly Energy Review (MER)*, which provides only 2 to 3 years of current monthly data at any one time.

This edition of the *HMER* extends the original *HMER* in several ways:

- Four additional years of monthly data, 1989-1992, have been added.
- This report fully replaces the earlier one; each data cell that has been revised since the original *HMER* is marked with an "R" so that changes can be quickly noted.
- Section 1 has been expanded to include Tables 1.7-1.13, which were not available in the first *HMER*.
- Tables 3.9 on propane and Table 4.3 on natural gas trade, which have been added to the *MER* since the release of the first *HMER*, are included in this edition. In addition, Table 10.4 on nuclear electricity gross generation has been reorganized to align more closely with the current presentation in the *MER*.

Analysts who would like to acquire the *HMER* data on computer diskettes will find more information on the inside back cover of this report. *HMER* data can also be accessed through the EIA Electronic Publication System (EPUB) (202-586-2557) and the U.S. Government Printing Office (GPO) Federal Bulletin Board (202-512-1524). Instructions for configuring your communications software for EPUB are located on page 357.

EIA appreciates hearing from the people who are using our products. Your comments help us to determine if our work is useful to you and if we are meeting your needs for energy data. We want to put our limited resources to the best possible use. Please contact us if you have suggestions or comments about this report. I can be reached in Washington, DC, at 202-586-5692, by fax at 202-586-0018, or through Internet at kseiferl@eia.doe.gov.

Katherine E. Seiferlein
Chief, Integrated Statistics Branch

Contents

	Page
A Message to Readers	iii
Section 1. Energy Overview	1
Section 2. Energy Consumption	47
Section 3. Petroleum	77
Section 4. Natural Gas	159
Section 5. Oil and Gas Resource Development	185
Section 6. Coal	197
Section 7. Electricity	213
Section 8. Nuclear Energy	233
Section 9. Energy Prices	245
Section 10. International Energy	305
Appendix A. Thermal Conversion Factors	339
Appendix B. Metric and Other Physical Conversion Factors	349
Appendix C. List of <i>MER</i> Features	353
Appendix D. Electronic Publishing System (EPUB)	357
Glossary	359

Tables

	Page
Section 1. Energy Overview	
1.1	Energy Summary, Annual Data, 1973-1992 3
1.2	Energy Overview, 1973-1992 5
1.3	Energy Production by Source, 1973-1992 9
1.4	Energy Consumption by Source, 1973-1992 13
1.5	Energy Net Imports by Source, 1973-1992 17
1.6	Merchandise Trade Value, 1974-1992 21
1.7	Cost of Fuels to End Users in Constant (1982-84) Dollars, 1973-1992 25
1.8	U.S. Dependence on Petroleum Net Imports, 1973-1992 29
1.9	Energy Consumption per Dollar of Gross Domestic Product, 1973-1992 33
1.10	Passenger Car Efficiency, 1973-1992 35
1.11	Heating Degree-Days by Census Division, 1973-1992 36
1.12	Cooling Degree-Days by Census Division, 1973-1992 40
1.13	Degree-Day Normals by Census Division 44
 Section 2. Energy Consumption	
2.1	Energy Consumption Summary, Annual Data, 1973-1992 49
2.2	Energy Consumption by End-Use Sector, 1973-1992 51
2.3	Residential and Commercial Energy Consumption, 1973-1992 55
2.4	Industrial Energy Consumption, 1973-1992 59
2.5	Transportation Energy Consumption, 1973-1992 63
2.6	Energy Input at Electric Utilities, 1973-1992 67
 Section 3. Petroleum	
3.1	Petroleum Overview, 1973-1992
	3.1a Field Production, Stock Change, Petroleum Products Supplied, and Ending Stocks 79
	3.1b Imports, Exports, and Net Imports 83
3.2	Crude Oil Supply and Disposition, 1973-1992
	3.2a Supply 87
	3.2b Disposition and Ending Stocks 91
3.3	Petroleum Imports, 1973-1992
	3.3a Algeria, Iraq, Kuwait, and Libya 95
	3.3b Qatar, Saudi Arabia, U.A.E., and Total Arab OPEC 99
	3.3c Ecuador, Gabon, Indonesia, and Iran 103
	3.3d Nigeria, Venezuela, Total Non-Arab OPEC, and Total OPEC 107
	3.3e Angola, Australia, Bahama Islands, Brazil, Canada, and China 111
	3.3f Colombia, Italy, Malaysia, Mexico, and Netherlands 115
	3.3g Netherlands Antilles, Norway, Puerto Rico, Russia, Spain, and Trinidad and Tobago . . 119
	3.3h United Kingdom, Virgin Islands, Other Non-OPEC, Total Non-OPEC, and Total Imports 123
3.4	Finished Motor Gasoline Supply and Disposition, 1973-1992 127
3.5	Distillate Fuel Oil Supply and Disposition, 1973-1992 131
3.6	Residual Fuel Oil Supply and Disposition, 1973-1992 135
3.7	Jet Fuel Supply and Disposition, 1973-1992 139
3.8	Liquefied Petroleum Gases Supply and Disposition, 1973-1992 143
3.9	Propane and Propylene Supply and Disposition, 1973-1992 147
3.10	Other Petroleum Products Supply and Disposition, 1973-1992 151

Tables (continued)

	Page
Section 4. Natural Gas	
4.1	Natural Gas Production, 1973-1992 161
4.2	Natural Gas Supply and Disposition, 1973-1992 165
4.3	Natural Gas Trade by Country, 1973-1992 169
4.4	Natural Gas Consumption by End-Use Sector, 1973-1992 173
4.5	Natural Gas in Underground Storage, 1973-1992 177
Section 5. Oil and Gas Resource Development	
5.1	Oil and Gas Drilling Activity Measurements, 1973-1992 187
5.2	Oil and Gas Wells Drilled, 1973-1992 191
Section 6. Coal	
6.1	Coal Overview, 1973-1992 199
6.2	Coal Consumption by End-Use Sector, 1973-1992 203
6.3	Coal Stocks, End of Period, 1973-1992 207
Section 7. Electricity	
7.1	Electric Utility Net Generation of Electricity, 1973-1992 215
7.2	Electricity Sales by End-Use Sector, 1973-1992 219
7.3	Electric Utility Consumption of Fossil Fuels to Generate Electricity, 1973-1992 223
7.4	Electric Utility Stocks of Coal and Petroleum, End of Period, 1973-1992 227
Section 8. Nuclear Energy	
8.1	Nuclear Power Plant Operations, 1973-1992 235
8.2	Nuclear Generating Units, End of Period, 1973-1992 239
Section 9. Energy Prices	
9.1	Crude Oil Price Summary, 1973-1992 247
9.2	F.O.B. Costs of Crude Oil Imports from Selected Countries, 1973-1992 251
9.3	Landed Costs of Crude Oil Imports from Selected Countries, 1973-1992 255
9.4	Motor Gasoline Retail Prices, U.S. City Average, 1973-1992 259
9.5	Refiner Prices of Residual Fuel Oil
	9.5a Wholesale and Retail, 1975-1982 263
	9.5b Resale and End Users, 1978-1992 265
9.6	Refiner Prices of Petroleum Products, Wholesale/Resale
	9.6a Wholesale, 1975-1982 268
	9.6b For Resale, 1978-1992 270
9.7	Refiner Prices of Petroleum Products, Retail/End Users
	9.7a Retail, 1975-1982 273
	9.7b To End Users, 1978-1992 275
9.8	No. 2 Distillate Prices to Residences, 1978-1992
	9.8a Northeastern States 278
	9.8b Selected South Atlantic and Midwestern States 281
	9.8c Selected Western States and U.S. Average 284

Tables (continued)

		Page
Section 9. Energy Prices (continued)		
9.9	Electricity Retail Prices, 1973-1992	287
9.10	Quantity and Cost of Fossil-Fuel Receipts at Steam-Electric Utility Plants, 1973-1992	291
9.11	Natural Gas Prices, 1973-1992	295
Section 10. International Energy		
10.1	World Crude Oil Production, 1973-1992	
	10.1a Algeria Through Venezuela	307
	10.1b Total OPEC, Ecuador Through Market Economies, and World	311
10.2	Petroleum Consumption in OECD Countries, 1973-1992	315
10.3	Petroleum Stocks in OECD Countries, End of Period, 1973-1992	318
10.4	Nuclear Electricity Gross Generation, 1973-1992	
	10.4a Regions and Total	321
	10.4b North, Central, and South America	325
	10.4c Western Europe	329
	10.4d Far East and Africa	333
Appendix A. Thermal Conversion Factors		
A1.	Approximate Heat Content of Petroleum Products	339
A2.	Approximate Heat Content of Crude Oil, Crude Oil and Products, and Natural Gas Plant Liquids, 1973-1992	340
A3.	Approximate Heat Content of Petroleum Products, Weighted Averages, 1973-1992	340
A4.	Approximate Heat Content of Natural Gas, 1973-1992	341
A5.	Approximate Heat Content of Coal, 1973-1992	341
A6.	Approximate Heat Content of Bituminous Coal and Lignite, 1973-1992	342
A7.	Approximate Heat Content of Anthracite and Coal Coke, 1973-1992	342
A8.	Approximate Heat Rates for Electricity, 1973-1992	343
Appendix B. Metric and Other Physical Conversion Factors		
B1.	Metric Conversion Factors	350
B2.	Metric Prefixes	351
B3.	Other Physical Conversion Factors	351

Section 1

Energy Overview



Bonneville Power Administration's Hungry Horse Dam generates electricity in the Pacific Northwest.

Table 1.1 Energy Summary, Annual Data, 1973-1992

(Quadrillion Btu)

Activity and Energy Source	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Production^a	62.060	60.835	59.860	59.892	60.219	61.103	63.801	64.761	64.421	^R 63.962
Coal	13.993	14.074	14.990	15.654	15.755	14.910	17.539	18.597	18.376	18.639
Natural Gas (Dry)	22.187	21.210	19.640	19.480	19.565	19.485	20.076	19.908	19.699	^R 18.319
Petroleum	22.062	21.046	20.104	19.589	19.781	20.679	20.390	20.503	20.453	20.500
Crude Oil ^b	19.493	18.575	17.729	17.262	17.454	18.434	18.104	18.249	18.146	18.309
NGPL ^c	2.569	2.471	2.374	2.327	2.327	2.245	2.286	2.254	2.307	2.191
Nuclear Electric Power .....	.910	1.272	1.900	2.111	2.702	3.024	2.776	2.739	3.008	3.131
Hydroelectric Power ^d	2.861	3.177	3.155	2.976	2.333	2.937	2.931	2.900	2.758	3.266
Geothermal .....	.043	.053	.070	.078	.077	.064	.084	.110	.123	.105
Other ^e .....	.003	.003	.002	.003	.005	.003	.005	.005	.004	.003
Consumption^a	74.282	72.543	70.546	74.362	76.288	78.089	78.898	75.955	73.990	70.848
Coal	12.971	12.663	12.663	13.584	13.922	13.765	15.039	15.423	15.907	15.322
Natural Gas ^f	22.512	21.732	19.948	20.345	19.931	20.000	20.666	20.394	19.928	18.505
Petroleum	34.840	33.455	32.731	35.175	37.122	37.965	37.123	34.202	31.931	30.231
Nuclear Electric Power .....	.910	1.272	1.900	2.111	2.702	3.024	2.776	2.739	3.008	3.131
Hydroelectric Power ^g	3.010	3.309	3.219	3.066	2.515	3.141	3.141	3.118	3.105	3.572
Geothermal .....	.043	.053	.070	.078	.077	.064	.084	.110	.123	.105
Other ^h	-.004	-.059	.016	.003	.020	.128	.068	-.031	-.012	-.018
Imports	14.731	14.413	14.111	16.837	20.090	19.254	19.616	15.971	13.975	12.092
Coal .....	.003	.052	.024	.030	.041	.074	.051	.030	.026	.019
Natural Gas	1.060	.985	.978	.988	1.037	.995	1.300	1.006	.917	.950
Petroleum	13.466	13.127	12.948	15.672	18.756	17.824	17.933	14.658	12.639	10.777
Crude Oil ⁱ	6.887	7.395	8.721	11.239	14.027	13.460	13.825	11.195	9.336	7.418
Products ^j	6.578	5.731	4.227	4.434	4.728	4.364	4.108	3.463	3.303	3.359
Electricity ^k .....	.175	.161	.117	.114	.210	.220	.233	.260	.379	.343
Coal Coke .....	.027	.088	.045	.033	.045	.142	.099	.016	.013	.003
Exports	2.051	2.223	2.359	2.188	2.071	1.931	2.870	3.723	4.329	4.633
Coal	1.425	1.620	1.761	1.597	1.442	1.078	1.753	2.421	2.944	2.787
Natural Gas .....	.079	.078	.074	.066	.056	.053	.056	.049	.060	.052
Petroleum .....	.486	.465	.439	.469	.514	.767	1.002	1.160	1.264	1.732
Crude Oil ^b .....	.004	.006	.012	.017	.106	.335	.497	.609	.482	.500
Products ^j .....	.482	.458	.427	.452	.408	.432	.505	.551	.781	1.231
Electricity ^k .....	.027	.028	.053	.025	.029	.015	.023	.043	.032	.037
Coal Coke .....	.035	.032	.032	.033	.031	.017	.036	.051	.029	.025
Net Imports	12.680	12.190	11.752	14.648	18.019	17.323	16.746	12.247	9.646	7.460
Coal	-1.422	-1.568	-1.738	-1.567	-1.401	-1.004	-1.702	-2.391	-2.918	-2.768
Natural Gas .....	.981	.907	.904	.922	.981	.941	1.243	.957	.857	.898
Petroleum	12.980	12.662	12.508	15.203	18.242	17.057	16.931	13.499	11.376	9.045
Crude Oil ⁱ	6.883	7.389	8.708	11.221	13.921	13.125	13.328	10.586	8.854	6.917
Products ^j	6.097	5.273	3.800	3.982	4.321	3.932	3.603	2.912	2.522	2.128
Electricity ^k .....	.148	.133	.064	.089	.182	.204	.211	.217	.347	.306
Coal Coke	-.007	.056	.014	.000	.015	.125	.063	-.035	-.016	-.022

See footnotes at end of table.

Table 1.1 Energy Summary, Annual Data, 1973-1992 (Continued)

(Quadrillion Btu)

Activity and Energy Source	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Production^a	R 61.279	R 65.962	R 64.871	R 64.350	R 64.952	R 66.105	66.129	67.853	67.484	66.853
Coal	17.246	19.719	19.325	19.510	20.142	20.737	21.345	22.456	21.594	21.593
Natural Gas (Dry)	R 16.593	R 18.008	R 16.980	R 16.541	R 17.136	R 17.599	17.847	18.362	18.229	18.375
Petroleum	20.576	21.122	21.233	20.525	19.890	19.539	18.275	17.746	18.007	17.586
Crude Oil ^b	18.392	18.848	18.992	18.376	17.675	17.279	16.117	15.571	15.701	15.223
NGPL ^c	2.184	2.274	2.241	2.149	2.215	2.260	2.158	2.175	2.306	2.363
Nuclear Electric Power	3.203	3.553	4.149	4.471	4.906	5.661	5.677	6.161	6.579	6.607
Hydroelectric Power ^d	3.527	R 3.386	R 2.970	R 3.071	R 2.635	R 2.334	2.767	2.926	2.885	2.501
Geothermal	.129	.165	.198	.219	.229	.217	.197	.181	.170	.170
Other ^e	.004	.009	.015	.012	.016	.017	.020	.021	.021	.022
Consumption^a	70.524	R 74.144	R 73.981	R 74.297	R 76.894	R 80.218	81.325	81.265	81.116	82.144
Coal	15.894	R 17.071	17.478	R 17.261	18.008	18.846	18.925	19.101	18.770	18.868
Natural Gas ^f	17.357	18.507	17.834	16.708	17.744	18.552	19.384	19.296	19.606	20.131
Petroleum	30.054	31.051	30.922	32.196	32.865	34.222	34.211	33.553	32.845	33.527
Nuclear Electric Power	3.203	3.553	4.149	4.471	4.906	5.661	5.677	6.161	6.579	6.607
Hydroelectric Power ^g	3.899	R 3.800	R 3.398	R 3.446	R 3.117	R 2.662	2.881	2.946	3.115	2.793
Geothermal	.129	.165	.198	.219	.229	.217	.197	.181	.170	.170
Other ^h	-.012	-.002	.001	-.004	.024	.057	.051	.026	.030	.049
Imports	12.027	R 12.767	R 12.103	R 14.438	R 15.764	R 17.564	18.947	18.987	18.577	19.650
Coal	.032	.032	.049	.055	.044	.053	.071	.067	.085	.095
Natural Gas	.940	.847	.952	.748	.992	1.296	1.387	1.551	1.798	2.112
Petroleum	10.647	11.433	10.609	13.201	14.162	15.747	17.162	17.117	16.348	16.968
Crude Oil ⁱ	7.079	R 7.302	R 6.814	R 9.002	R 10.067	R 11.027	12.596	12.766	12.553	13.253
Products ^j	3.568	4.131	3.796	4.199	4.095	4.720	4.565	4.351	3.794	3.714
Electricity ^k	.407	.441	.479	.425	.544	.401	.269	.233	.319	.349
Coal Coke	.001	.014	.014	.008	.023	.067	.057	.019	.027	.043
Exports	3.717	3.804	4.231	4.055	R 3.853	4.415	4.765	4.910	5.220	5.017
Coal	2.045	2.151	2.438	2.248	2.093	2.499	2.637	2.772	2.854	2.682
Natural Gas	.055	.055	.056	.062	.055	.075	.109	.087	.132	.246
Petroleum	1.565	1.545	1.657	1.670	1.630	1.741	1.836	1.824	2.128	2.008
Crude Oil ^b	.348	R .384	R .432	R .326	R .319	R .329	.300	.230	.246	.188
Products ^j	1.217	1.161	1.225	1.344	1.311	1.412	1.536	1.594	1.882	1.819
Electricity ^k	.035	.027	.052	.050	.061	.073	.156	.212	.088	.071
Coal Coke	.017	.026	.028	.025	.014	.027	.027	.014	.018	.016
Net Imports	8.310	R 8.963	R 7.872	R 10.382	R 11.911	R 13.149	14.181	14.077	13.357	14.633
Coal	-2.013	-2.119	-2.389	-2.193	-2.049	-2.446	-2.566	-2.705	-2.769	-2.587
Natural Gas	.885	.792	.896	.686	.937	1.221	1.278	1.464	1.666	1.941
Petroleum	9.082	9.888	8.952	11.531	12.532	14.006	15.325	15.293	14.220	14.960
Crude Oil ⁱ	6.731	6.918	6.381	8.676	9.748	10.698	12.296	12.536	12.308	13.065
Products ^j	2.351	2.970	2.570	2.855	2.784	3.308	3.029	2.757	1.912	1.895
Electricity ^k	.372	R .414	R .428	R .375	R .483	R .328	.113	.020	.231	.292
Coal Coke	-.016	-.011	-.013	-.017	.009	.040	.030	.005	.009	.027

^a Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, 3.3 quadrillion Btu of renewable energy consumed by U.S. electric utilities to generate electricity for distribution is included, but an estimated 3.4 quadrillion Btu of renewable energy used by other sectors is not included.

^b Includes lease condensate.

^c Natural gas plant liquids.

^d Electric utility and industrial production of hydroelectric power.

^e Other production is electricity generated for distribution from wood, waste, wind, photovoltaic, and solar thermal energy.

^f Includes supplemental gaseous fuels.

^g Electric utility and industrial production and net imports of electricity.

^h Other consumption is net imports of coal coke and electricity generated for distribution from wood, waste, wind, photovoltaic, and solar thermal

energy.

ⁱ Crude oil, lease condensate, and imports of crude oil for the Strategic Petroleum Reserve.

^j Petroleum products, unfinished oils, pentanes plus, and gasoline blending components.

^k Assumed to be hydroelectricity and estimated at the input heat rate for fossil-fuel steam-electric power plant generation, which averaged 10.4 thousand Btu per kilowatt-hour from 1973-1992. Actual heat rates applied in converting kilowatt-hours to Btu are listed by year in Table A8.

R=Revised data.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.2 Energy Overview, 1973-1992

(Quadrillion Btu)

	Production ^a	Consumption ^{a,b}	Imports	Exports	Net Imports
1973					
January	5.280	7.118	1.183	R 0.127	R 1.056
February	5.042	6.491	1.177	R .122	R 1.055
March	5.294	6.403	1.319	R .141	R 1.178
April	5.040	5.839	R 1.095	R .196	R .899
May	5.286	5.958	1.173	R .198	R .975
June	5.047	5.683	1.139	R .180	R .959
July	5.067	5.828	R 1.226	R .166	R 1.061
August	5.356	6.065	1.308	R .193	R 1.115
September	5.003	5.653	R 1.236	.148	R 1.088
October	5.279	6.060	R 1.326	.209	R 1.117
November	5.117	6.410	1.331	R .185	1.147
December	5.250	6.775	R 1.217	R .185	R 1.032
Total	62.060	74.282	14.731	2.051	12.680
1974					
January	5.358	6.788	R 1.092	.123	.969
February	4.947	6.204	.964	.166	.798
March	5.278	6.258	1.074	.134	R .940
April	5.156	5.750	1.165	.188	.977
May	5.342	5.748	1.290	R .219	R 1.071
June	4.924	5.528	1.220	.227	.993
July	5.115	5.861	1.290	.202	R 1.087
August	5.135	5.893	1.270	.192	R 1.077
September	4.970	5.595	1.163	.171	.992
October	5.240	6.065	1.242	.248	R .994
November	4.535	6.124	R 1.314	.227	R 1.087
December	4.836	6.730	R 1.328	.124	R 1.204
Total	60.835	72.543	14.413	2.223	12.190
1975					
January	5.156	6.929	1.354	.166	R 1.188
February	4.780	6.056	1.115	.174	R .940
March	5.109	6.264	1.147	R .203	.944
April	4.969	5.686	R .985	.212	R .773
May	5.096	5.373	1.047	R .237	.810
June	4.989	5.314	1.040	R .218	.821
July	4.843	5.551	1.175	.175	1.000
August	4.942	5.630	1.233	.206	1.027
September	4.870	5.384	1.282	.172	R 1.110
October	5.110	5.797	1.242	.171	1.071
November	4.885	5.744	R 1.222	.242	.981
December	5.110	6.818	1.269	.183	1.086
Total	59.860	70.546	14.111	2.359	11.752
1976					
January	5.056	7.185	1.319	.135	1.184
February	4.843	6.263	1.235	R .132	1.104
March	5.197	6.257	1.312	.150	1.163
April	4.928	5.731	1.260	R .204	1.055
May	5.032	5.660	R 1.243	.195	1.049
June	5.027	5.693	R 1.405	.224	1.182
July	4.793	5.887	1.518	.185	R 1.334
August	4.950	5.832	1.436	.166	1.270
September	4.945	5.609	1.483	.199	1.284
October	5.024	6.121	1.474	.202	1.272
November	4.943	6.602	1.515	.216	1.299
December	5.155	7.521	1.635	.181	1.453
Total	59.892	74.362	16.837	2.188	14.648
1977					
January	4.785	7.710	1.722	.102	1.620
February	4.633	6.532	1.749	R .129	R 1.620
March	5.331	6.433	1.821	.138	1.683
April	5.018	5.851	R 1.635	.197	R 1.438
May	5.152	5.857	1.660	R .213	R 1.447
June	5.069	5.946	1.665	.211	1.454
July	4.840	6.052	R 1.744	.197	R 1.547
August	5.039	6.149	1.654	.167	R 1.487
September	5.199	5.939	R 1.606	R .194	R 1.411
October	5.268	6.140	1.632	.188	1.444
November	5.257	6.365	R 1.538	.173	R 1.365
December	4.629	7.314	1.665	R .162	1.502
Total	60.219	76.288	20.090	2.071	18.019

See footnotes at end of table.

Table 1.2 Energy Overview, 1973-1992 (Continued)

(Quadrillion Btu)

	Production ^a	Consumption ^{a,b}	Imports	Exports	Net Imports
1978					
January	4.472	7.574	1.622	0.078	1.544
February	4.157	6.905	1.432	.058	R 1.375
March	4.865	6.801	1.659	R .065	1.593
April	5.171	6.016	R 1.479	.133	R 1.346
May	5.491	6.183	1.492	.183	1.309
June	5.310	5.995	R 1.525	R .221	1.304
July	5.171	6.179	R 1.613	.161	1.452
August	5.364	6.326	1.614	.177	1.437
September	5.039	5.942	1.694	.185	R 1.510
October	5.423	6.278	1.629	R .224	1.406
November	5.347	6.547	1.678	R .238	1.441
December	5.291	7.344	1.817	.210	1.607
Total	61.103	78.089	19.254	1.931	17.323
1979					
January	5.318	7.928	R 1.783	R .176	1.607
February	4.923	7.258	1.527	R .160	1.367
March	5.501	6.987	1.722	R .242	1.479
April	5.248	6.137	1.516	R .235	1.281
May	5.455	6.187	1.601	R .251	R 1.350
June	5.296	5.976	R 1.594	.252	1.342
July	5.001	6.111	1.683	.267	1.416
August	5.488	R 6.324	1.688	R .261	R 1.427
September	5.165	R 5.891	1.536	.220	1.316
October	5.630	6.385	1.707	.284	R 1.424
November	5.404	6.530	1.564	R .263	1.302
December	5.372	7.183	1.695	R .259	R 1.436
Total	63.801	78.898	19.616	2.870	16.746
1980					
January	5.605	7.403	1.695	R .228	1.467
February	5.249	6.962	1.473	.211	1.262
March	5.633	6.848	1.476	.265	1.211
April	5.396	5.986	1.339	.288	1.051
May	5.527	5.837	R 1.282	.346	.936
June	5.335	5.693	1.287	.361	.926
July	5.186	5.944	1.210	R .324	.886
August	5.276	5.874	1.203	R .314	.889
September	5.239	5.794	R 1.169	.331	.837
October	5.431	6.151	R 1.248	.372	.876
November	5.272	6.256	1.227	R .344	R .883
December	5.613	7.205	1.363	.339	1.023
Total	64.761	75.955	15.971	3.723	12.247
1981					
January	5.447	7.460	R 1.350	R .263	1.087
February	5.185	6.332	1.213	R .278	.934
March	5.677	6.440	R 1.195	.371	R .824
April	4.597	5.709	1.087	.326	R .762
May	4.732	5.765	1.134	.275	.859
June	5.198	5.818	1.043	.247	.796
July	5.542	6.022	1.143	.394	.749
August	5.717	5.923	1.135	.421	R .714
September	5.536	5.650	R 1.205	.413	.792
October	5.686	5.973	1.182	.467	.715
November	5.419	5.976	1.112	R .442	.670
December	5.685	6.922	1.175	.432	.743
Total	64.421	73.990	13.975	4.329	9.646
1982					
January	R 5.499	7.266	1.085	.318	.768
February	R 5.245	6.295	.890	.376	R .515
March	R 5.845	6.356	R .908	.442	.466
April	R 5.417	5.850	R .854	.428	.427
May	R 5.404	5.412	.958	.421	.537
June	R 5.335	5.374	1.004	.419	.585
July	R 5.174	5.645	1.150	R .387	.762
August	R 5.372	5.622	1.041	.358	.683
September	R 5.118	5.373	R 1.041	R .375	.666
October	R 5.245	5.545	R 1.066	.437	.629
November	R 5.099	5.818	1.125	.351	.774
December	R 5.210	6.293	.969	R .321	R .648
Total	R 63.962	70.848	12.092	4.633	7.460

See footnotes at end of table.

Table 1.2 Energy Overview, 1973-1992 (Continued)

(Quadrillion Btu)

	Production ^a	Consumption ^{a,b}	Imports	Exports	Net Imports
1983					
January	R 5.301	R 6.712	0.942	R 0.300	0.641
February	R 4.840	R 5.884	.732	.264	.468
March	R 5.261	R 6.199	.783	.319	R .465
April	R 5.010	R 5.665	R .931	.314	.617
May	R 5.074	R 5.505	1.006	.348	R .658
June	R 4.974	R 5.499	R 1.018	.334	R .684
July	R 4.919	R 5.750	1.124	.273	.851
August	R 5.290	R 5.893	R 1.199	.348	R .851
September	R 5.068	R 5.484	1.173	R .324	.849
October	R 5.220	R 5.506	1.051	.325	.726
November	R 5.127	R 5.764	R 1.020	R .279	R .741
December	R 5.196	R 6.663	1.047	R .289	.758
Total	R 61.279	70.524	12.027	3.717	8.310
1984					
January	R 5.620	R 7.450	1.102	.247	R .855
February	R 5.389	R 6.436	1.053	R .220	.832
March	R 5.695	R 6.645	R 1.048	.315	.732
April	R 5.410	R 6.063	1.035	R .326	R .709
May	R 5.700	R 5.960	1.170	.365	R .806
June	R 5.436	R 5.814	R 1.041	.367	R .674
July	R 5.538	R 5.946	R 1.066	.326	R .741
August	R 5.847	R 6.117	R 1.005	R .358	R .647
September	R 5.444	R 5.558	1.005	R .354	R .651
October	R 5.309	R 5.766	R 1.143	.295	.848
November	R 5.157	R 5.907	R 1.086	R .270	R .816
December	R 5.417	R 6.484	R 1.013	.360	R .653
Total	R 65.962	R 74.144	R 12.767	3.804	R 8.963
1985					
January	R 5.572	R 7.189	.926	R .304	R .622
February	R 5.199	R 6.701	R .757	R .305	R .451
March	R 5.603	R 6.381	.971	.318	.653
April	R 5.368	R 5.902	1.034	.332	R .703
May	R 5.516	R 5.795	R 1.146	.381	R .765
June	R 5.275	R 5.681	R .961	.342	R .619
July	R 5.283	R 5.983	R .995	.328	R .667
August	R 5.466	R 6.050	.959	R .419	.539
September	R 5.266	R 5.564	R .965	.364	R .601
October	R 5.498	R 5.836	1.029	R .364	R .665
November	R 5.223	R 5.866	R 1.171	.406	R .765
December	R 5.602	R 7.034	R 1.190	.368	R .822
Total	R 64.871	R 73.981	R 12.103	4.231	R 7.872
1986					
January	R 5.787	R 7.225	R 1.145	R .319	R .826
February	R 5.256	R 6.456	R .876	.291	R .585
March	R 5.622	R 6.579	R .944	R .314	.630
April	R 5.305	R 5.907	1.028	.380	.648
May	R 5.359	R 5.885	R 1.242	.365	R .877
June	R 5.176	R 5.803	R 1.276	.315	R .961
July	R 5.202	R 6.141	R 1.337	.338	R .999
August	R 5.321	R 6.015	R 1.389	.374	R 1.015
September	R 5.150	R 5.626	R 1.334	.347	R .987
October	R 5.405	R 5.856	1.268	.352	.916
November	R 5.232	R 5.948	R 1.262	.331	R .930
December	R 5.535	R 6.855	R 1.337	R .328	R 1.009
Total	R 64.350	R 74.297	R 14.438	4.055	R 10.382
1987					
January	R 5.654	R 7.307	1.292	.281	R 1.011
February	R 5.168	R 6.576	1.111	.294	.817
March	R 5.547	R 6.593	R 1.183	.315	R .868
April	R 5.234	R 6.143	R 1.157	.324	R .833
May	R 5.269	R 6.006	R 1.201	.300	R .901
June	R 5.275	6.094	R 1.291	R .320	R .971
July	R 5.214	R 6.440	R 1.489	.307	R 1.183
August	R 5.464	R 6.326	1.478	R .335	R 1.143
September	R 5.363	R 5.939	1.371	.324	R 1.047
October	R 5.603	R 6.182	R 1.414	R .305	1.109
November	R 5.451	R 6.176	1.384	R .331	1.054
December	R 5.712	R 7.112	1.392	.417	R .975
Total	R 64.952	R 76.894	R 15.764	R 3.853	R 11.911

See footnotes at end of table.

Table 1.2 Energy Overview, 1973-1992 (Continued)

(Quadrillion Btu)

	Production ^a	Consumption ^{a,b}	Imports	Exports	Net Imports
1988					
January	R 5.683	R 7.619	R 1.477	0.289	R 1.188
February	R 5.426	R 7.129	R 1.383	.276	1.107
March	R 5.785	R 7.095	R 1.412	R .350	R 1.063
April	R 5.347	R 6.242	R 1.401	R .364	R 1.037
May	R 5.424	R 6.174	1.482	.373	1.109
June	R 5.354	R 6.297	R 1.406	R .394	1.012
July	R 5.287	R 6.535	R 1.472	.382	R 1.090
August	R 5.716	R 6.770	R 1.482	R .408	R 1.075
September	R 5.410	R 6.138	R 1.440	.396	R 1.044
October	R 5.503	R 6.377	R 1.560	R .382	R 1.177
November	R 5.525	R 6.503	1.497	R .361	1.136
December	R 5.644	R 7.339	R 1.552	.440	R 1.112
Total	R 66.105	R 80.218	R 17.564	4.415	R 13.149
1989					
January	5.736	7.388	1.642	.319	1.323
February	5.170	6.993	1.453	.337	1.116
March	5.737	7.262	1.495	.404	1.090
April	5.336	6.385	1.558	.405	1.153
May	5.619	6.362	1.556	.420	1.136
June	5.401	6.408	1.535	.440	1.095
July	5.252	6.554	1.666	.327	1.339
August	5.795	6.709	1.696	.408	1.288
September	5.415	6.190	1.550	.389	1.161
October	5.618	6.486	1.648	.420	1.229
November	5.596	6.643	1.605	.460	1.145
December	5.454	7.945	1.543	.436	1.107
Total	66.129	81.325	18.947	4.765	14.181
1990					
January	6.034	7.546	1.829	.361	1.468
February	5.463	6.753	1.512	.330	1.182
March	5.895	7.033	1.587	.428	1.159
April	5.460	6.500	1.524	.388	1.136
May	5.652	6.484	1.747	.412	1.335
June	5.520	6.495	1.679	.412	1.267
July	5.538	6.751	1.798	.385	1.412
August	5.833	6.966	1.716	.438	1.278
September	5.402	6.330	1.448	.441	1.007
October	5.829	6.558	1.397	.418	.979
November	5.638	6.547	1.396	.459	.936
December	5.589	7.301	1.355	.437	.918
Total	67.853	81.265	18.987	4.910	14.077
1991					
January	5.941	7.795	1.483	.397	1.085
February	5.438	6.643	1.294	.462	.832
March	5.803	6.893	1.391	.395	.996
April	5.460	6.302	1.482	.326	1.156
May	5.578	6.394	1.731	.489	1.241
June	5.429	6.421	1.622	.423	1.199
July	5.613	6.818	1.593	.457	1.136
August	5.763	6.798	1.754	.448	1.306
September	5.450	6.344	1.562	.432	1.130
October	5.771	6.561	1.562	.432	1.130
November	5.530	6.740	1.548	.464	1.084
December	5.708	7.408	1.556	.495	1.062
Total	67.484	81.116	18.577	5.220	13.357
1992					
January	5.919	7.678	1.615	.458	1.157
February	5.415	6.989	1.377	.372	1.005
March	5.630	7.070	1.500	.416	1.084
April	5.407	6.565	1.639	.413	1.226
May	5.491	6.435	1.641	.434	1.207
June	5.461	6.403	1.609	.426	1.183
July	5.587	6.822	1.770	.441	1.329
August	5.594	6.673	1.727	.367	1.360
September	5.439	6.356	1.654	.417	1.237
October	5.640	6.590	1.781	.383	1.399
November	5.479	6.798	1.650	.428	1.221
December	5.792	7.765	1.688	.462	1.226
Total	66.853	82.144	19.650	5.017	14.633

^a Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, 3.3 quadrillion Btu of renewable energy consumed by U.S. electric utilities to generate electricity for distribution is included, but an estimated 3.4 quadrillion Btu of renewable energy used by other sectors is not included.

^b The sum of domestic energy production and net imports of energy does not equal domestic energy consumption. The difference is attributed to stock changes; losses and gains in conversion, transportation, and distribution; the

addition of blending compounds; shipments of anthracite to U.S. Armed Forces in Europe; and adjustments to account for discrepancies between reporting systems.

R=Revised data.
Notes: • For definitions, see Notes 1-4 at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.3 Energy Production by Source, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas (Dry)	Crude Oil ^a	Natural Gas Plant Liquids	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1973									
January	1.167	1.908	1.650	0.211	0.068	0.273	0.003	(s)	5.280
February	1.086	1.923	1.526	.198	.065	.242	.003	(s)	5.042
March	1.197	1.868	1.667	.218	.072	.269	.003	(s)	5.294
April	1.112	1.778	1.617	.213	.064	.253	.003	(s)	5.040
May	1.217	1.859	1.665	.218	.062	.261	.003	(s)	5.286
June	1.104	1.802	1.603	.210	.074	.250	.004	(s)	5.047
July	1.034	1.842	1.657	.218	.076	.236	.004	(s)	5.067
August	1.320	1.857	1.649	.219	.085	.222	.004	(s)	5.356
September	1.142	1.803	1.577	.211	.086	.180	.003	(s)	5.003
October	1.286	1.837	1.658	.220	.082	.192	.004	(s)	5.279
November	1.178	1.826	1.594	.215	.089	.210	.004	(s)	5.117
December	1.150	1.887	1.630	.217	.088	.274	.005	(s)	5.250
Total	13.993	22.187	19.493	2.569	.910	2.861	.043	.003	62.060
1974									
January	1.251	1.895	1.606	.211	.085	.305	.004	(s)	5.358
February	1.166	1.729	1.485	.194	.091	.280	.004	(s)	4.947
March	1.195	1.861	1.612	.217	.098	.291	.004	(s)	5.278
April	1.268	1.748	1.558	.204	.080	.294	.004	(s)	5.156
May	1.344	1.814	1.602	.210	.073	.295	.004	(s)	5.342
June	1.121	1.709	1.528	.203	.079	.281	.004	(s)	4.924
July	1.150	1.785	1.579	.206	.114	.277	.005	(s)	5.115
August	1.210	1.757	1.564	.208	.138	.253	.004	(s)	5.135
September	1.228	1.723	1.469	.197	.123	.225	.004	(s)	4.970
October	1.411	1.735	1.548	.210	.121	.211	.004	(s)	5.240
November .....	.791	1.698	1.491	.204	.123	.223	.005	(s)	4.535
December .....	.941	1.757	1.533	.208	.148	.243	.005	(s)	4.836
Total	14.074	21.210	18.575	2.471	1.272	3.177	.053	.003	60.835
1975									
January	1.276	1.738	1.520	.201	.154	.263	.004	(s)	5.156
February	1.198	1.607	1.395	.184	.140	.251	.004	(s)	4.780
March	1.217	1.698	1.527	.205	.164	.294	.005	(s)	5.109
April	1.238	1.633	1.471	.195	.147	.280	.005	(s)	4.969
May	1.293	1.650	1.507	.198	.152	.292	.005	(s)	5.096
June	1.299	1.596	1.465	.197	.140	.285	.006	(s)	4.989
July	1.063	1.638	1.499	.200	.169	.268	.006	(s)	4.843
August	1.197	1.638	1.483	.204	.175	.238	.007	(s)	4.942
September	1.295	1.565	1.441	.188	.159	.216	.006	(s)	4.870
October	1.396	1.608	1.497	.203	.161	.238	.007	(s)	5.110
November	1.249	1.581	1.440	.195	.156	.257	.007	(s)	4.885
December	1.269	1.690	1.484	.203	.184	.273	.007	(s)	5.110
Total	14.990	19.640	17.729	2.374	1.900	3.155	.070	.002	59.860
1976									
January	1.213	1.710	1.480	.195	.178	.273	.007	(s)	5.056
February	1.239	1.608	1.384	.189	.159	.257	.007	(s)	4.843
March	1.404	1.674	1.480	.198	.155	.279	.007	(s)	5.197
April	1.364	1.585	1.405	.192	.121	.253	.006	(s)	4.928
May	1.337	1.633	1.461	.195	.132	.268	.006	(s)	5.032
June	1.378	1.601	1.408	.191	.174	.268	.006	(s)	5.027
July	1.024	1.636	1.461	.196	.196	.273	.007	(s)	4.793
August	1.239	1.597	1.458	.196	.203	.250	.007	(s)	4.950
September	1.398	1.528	1.418	.191	.191	.213	.007	(s)	4.945
October	1.357	1.600	1.450	.197	.192	.221	.006	(s)	5.024
November	1.355	1.597	1.406	.193	.178	.208	.005	(s)	4.943
December	1.346	1.712	1.449	.195	.233	.213	.006	(s)	5.155
Total	15.654	19.480	17.262	2.327	2.111	2.976	.078	.003	59.892
1977									
January	1.018	1.700	1.412	.189	.239	.219	.007	.001	4.785
February	1.123	1.636	1.322	.175	.211	.160	.006	.001	4.633
March	1.520	1.711	1.455	.206	.223	.210	.007	.001	5.331
April	1.381	1.606	1.417	.197	.214	.197	.006	(s)	5.018
May	1.423	1.653	1.452	.198	.222	.198	.006	(s)	5.152
June	1.437	1.611	1.410	.191	.232	.182	.006	(s)	5.069
July	1.131	1.636	1.457	.197	.235	.178	.007	(s)	4.840
August	1.316	1.607	1.494	.195	.245	.177	.006	(s)	5.039
September	1.581	1.562	1.475	.187	.211	.174	.007	(s)	5.199
October	1.542	1.591	1.542	.199	.205	.182	.007	(s)	5.268
November	1.570	1.569	1.493	.192	.210	.216	.007	(s)	5.257
December .....	.713	1.687	1.526	.200	.256	.241	.007	(s)	4.629
Total	15.755	19.565	17.454	2.327	2.702	2.333	.077	.005	60.219

See footnotes at end of table.

Table 1.3 Energy Production by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas (Dry)	Crude Oil ^a	Natural Gas Plant Liquids	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1978									
January	0.527	1.701	1.503	0.189	0.283	0.263	0.007	(s)	4.472
February .....	.538	1.609	1.360	.172	.239	.233	.006	(s)	4.157
March .....	.890	1.705	1.568	.194	.246	.258	.005	(s)	4.865
April	1.357	1.627	1.534	.191	.192	.265	.004	(s)	5.171
May	1.567	1.623	1.587	.186	.223	.301	.004	(s)	5.491
June	1.493	1.584	1.537	.186	.243	.263	.005	(s)	5.310
July	1.220	1.652	1.574	.190	.274	.256	.005	(s)	5.171
August	1.464	1.617	1.575	.189	.280	.232	.006	(s)	5.364
September	1.317	1.538	1.531	.182	.243	.222	.006	(s)	5.039
October	1.595	1.595	1.586	.187	.252	.204	.005	(s)	5.423
November	1.583	1.567	1.521	.189	.272	.209	.005	(s)	5.347
December	1.359	1.668	1.557	.191	.278	.231	.007	(s)	5.291
Total	14.910	19.485	18.434	2.245	3.024	2.937	.064	.003	61.103
1979									
January	1.298	1.738	1.524	.188	.302	.262	.006	(s)	5.318
February	1.231	1.624	1.385	.173	.282	.223	.005	(s)	4.923
March	1.499	1.721	1.546	.190	.265	.272	.007	.001	5.501
April	1.436	1.660	1.488	.191	.200	.266	.007	(s)	5.248
May	1.560	1.683	1.546	.192	.163	.303	.007	(s)	5.455
June	1.587	1.611	1.467	.186	.175	.262	.007	(s)	5.296
July	1.203	1.630	1.504	.192	.227	.238	.007	(s)	5.001
August	1.608	1.656	1.537	.193	.263	.223	.008	(s)	5.488
September	1.450	1.603	1.483	.186	.237	.199	.007	(s)	5.165
October	1.764	1.672	1.550	.197	.228	.211	.008	(s)	5.630
November	1.538	1.691	1.524	.199	.209	.234	.007	.001	5.404
December	1.364	1.788	1.549	.199	.224	.238	.009	(s)	5.372
Total	17.539	20.076	18.104	2.286	2.776	2.931	.084	.005	63.801
1980									
January	1.560	1.797	1.560	.200	.215	.266	.007	.001	5.605
February	1.469	1.686	1.464	.188	.210	.225	.007	.001	5.249
March	1.590	1.806	1.564	.190	.219	.256	.008	(s)	5.633
April	1.561	1.648	1.511	.191	.205	.271	.008	(s)	5.396
May	1.592	1.672	1.553	.196	.201	.303	.010	(s)	5.527
June	1.599	1.565	1.488	.183	.200	.291	.009	(s)	5.335
July	1.374	1.594	1.537	.185	.229	.257	.010	(s)	5.186
August	1.533	1.554	1.513	.184	.265	.215	.010	(s)	5.276
September	1.543	1.557	1.500	.178	.257	.194	.009	(s)	5.239
October	1.620	1.626	1.534	.184	.267	.188	.011	(s)	5.431
November	1.539	1.629	1.478	.184	.229	.202	.010	(s)	5.272
December	1.616	1.774	1.547	.189	.241	.234	.010	(s)	5.613
Total	18.597	19.908	18.249	2.254	2.739	2.900	.110	.005	64.761
1981									
January	1.471	1.729	1.535	.201	.262	.237	.011	(s)	5.447
February	1.582	1.553	1.397	.182	.238	.223	.010	(s)	5.185
March	1.746	1.713	1.549	.198	.243	.218	.011	(s)	5.677
April .....	.809	1.652	1.489	.188	.228	.220	.010	(s)	4.597
May .....	.850	1.676	1.529	.194	.218	.255	.010	(s)	4.732
June	1.373	1.613	1.501	.188	.233	.279	.010	(s)	5.198
July	1.653	1.641	1.528	.189	.255	.266	.011	(s)	5.542
August	1.757	1.683	1.543	.197	.297	.228	.011	(s)	5.717
September	1.823	1.557	1.497	.190	.269	.189	.011	(s)	5.536
October	1.901	1.622	1.540	.195	.227	.191	.011	(s)	5.686
November	1.708	1.563	1.494	.192	.251	.201	.009	(s)	5.419
December	1.703	1.696	1.544	.194	.287	.252	.009	(s)	5.685
Total	18.376	19.699	18.146	2.307	3.008	2.758	.123	.004	64.421
1982									
January	1.493	R 1.710	1.530	.189	.284	.284	.008	(s)	R 5.499
February	1.583	R 1.567	1.413	.169	.224	.282	.008	(s)	R 5.245
March	1.867	R 1.657	1.558	.189	.252	.315	.007	(s)	R 5.845
April	1.636	R 1.564	1.495	.179	.241	.295	.007	(s)	R 5.417
May	1.582	R 1.535	1.561	.182	.240	.296	.008	(s)	R 5.404
June	1.595	R 1.489	1.504	.175	.266	.296	.009	(s)	R 5.335
July	1.346	R 1.509	1.557	.182	.282	.288	.010	(s)	R 5.174
August	1.621	R 1.476	1.552	.183	.277	.252	.010	(s)	R 5.372
September	1.511	R 1.416	1.514	.176	.281	.210	.009	(s)	R 5.118
October	1.576	R 1.444	1.565	.184	.257	.209	.010	(s)	R 5.245
November	1.425	R 1.460	1.513	.187	.257	.246	.011	(s)	R 5.099
December	1.404	R 1.494	1.546	.195	.270	.293	.008	(s)	R 5.210
Total	18.639	R 18.319	18.309	2.191	3.131	3.266	.105	.003	R 63.962

See footnotes at end of table.

Table 1.3 Energy Production by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas (Dry)	Crude Oil ^a	Natural Gas Plant Liquids	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1983									
January	1.383	R 1.571	1.564	0.188	0.273	0.311	0.010	(s)	R 5.301
February	1.337	R 1.363	1.422	.169	.242	.297	.008	(s)	R 4.840
March	1.519	R 1.403	1.564	.183	.261	.322	.009	(s)	R 5.261
April	1.364	R 1.375	1.527	.173	.244	.319	.009	(s)	R 5.010
May	1.394	R 1.371	1.552	.178	.240	.332	.007	(s)	R 5.074
June	1.363	R 1.328	1.508	.175	.263	.326	.009	(s)	R 4.974
July	1.218	R 1.376	1.553	.183	.279	.299	.011	(s)	R 4.919
August	1.616	R 1.352	1.561	.186	.286	.274	.015	(s)	R 5.290
September	1.551	R 1.287	1.528	.184	.273	.231	.014	(s)	R 5.068
October	1.582	R 1.353	1.577	.191	.281	.220	.014	(s)	R 5.220
November	1.515	R 1.349	1.526	.189	.273	.262	.013	(s)	R 5.127
December	1.405	R 1.463	1.510	.184	.287	.336	.010	.001	R 5.196
Total	17.246	R 16.593	18.392	2.184	3.203	3.527	.129	.004	R 61.279
1984									
January	1.495	R 1.702	1.594	.186	.318	R .314	.010	.001	R 5.620
February	1.621	R 1.478	1.493	.181	.308	R .294	.013	(s)	R 5.389
March	1.794	R 1.521	1.559	.189	.296	R .321	.014	.001	R 5.695
April	1.601	R 1.488	1.542	.185	.263	R .316	.014	.001	R 5.410
May	1.784	R 1.485	1.610	.191	.280	R .336	.013	.001	R 5.700
June	1.682	R 1.438	1.540	.184	.274	R .304	.013	.001	R 5.436
July	1.646	R 1.491	1.598	.193	.307	R .290	.012	.001	R 5.538
August	1.999	R 1.469	1.584	.193	.320	R .265	.015	.001	R 5.847
September	1.739	R 1.400	1.565	.190	.316	R .221	.014	.001	R 5.444
October	1.536	R 1.472	1.601	.195	.269	R .220	.015	.001	R 5.309
November	1.417	R 1.469	1.562	.192	.266	R .235	.015	.001	R 5.157
December	1.405	R 1.594	1.600	.195	.335	R .272	.017	.001	R 5.417
Total	19.719	R 18.008	18.848	2.274	3.553	R 3.386	.165	.009	R 65.962
1985									
January	1.493	R 1.615	1.571	.192	.391	R .291	.016	.001	R 5.572
February	1.470	R 1.467	1.466	.173	.333	R .273	.015	.001	R 5.199
March	1.700	R 1.464	1.635	.189	.336	R .260	.017	.001	R 5.603
April	1.674	R 1.380	1.574	.181	.286	R .258	.015	.001	R 5.368
May	1.714	R 1.365	1.642	.188	.310	R .279	.015	.001	R 5.516
June	1.602	R 1.319	1.570	.183	.333	R .252	.015	.001	R 5.275
July	1.514	R 1.351	1.609	.185	.380	R .225	.016	.001	R 5.283
August	1.741	R 1.348	1.583	.189	.376	R .211	.017	.001	R 5.466
September	1.618	R 1.321	1.558	.180	.373	R .198	.016	.001	R 5.266
October	1.753	R 1.376	1.613	.190	.337	R .212	.016	.001	R 5.498
November	1.515	R 1.381	1.549	.190	.326	R .242	.019	.001	R 5.223
December	1.531	R 1.594	1.624	.199	.365	R .267	.021	.001	R 5.602
Total	19.325	R 16.980	18.992	2.241	4.149	R 2.970	.198	.015	R 64.871
1986									
January	1.711	R 1.591	1.643	.201	.391	R .226	.021	.001	R 5.787
February	1.588	R 1.379	1.490	.180	.353	R .245	.018	.001	R 5.256
March	1.696	R 1.464	1.621	.189	.332	R .300	.019	.001	R 5.622
April	1.636	R 1.315	1.542	.173	.329	R .291	.017	.001	R 5.305
May	1.598	R 1.340	1.589	.182	.345	R .288	.017	.001	R 5.359
June	1.587	R 1.282	1.500	.171	.338	R .277	.019	.001	R 5.176
July	1.481	R 1.323	1.557	.177	.388	R .254	.020	.001	R 5.202
August	1.672	R 1.323	1.506	.170	.405	R .224	.020	.001	R 5.321
September	1.639	R 1.259	1.449	.167	.395	R .223	.017	.001	R 5.150
October	1.751	R 1.333	1.514	.174	.391	R .225	.016	.001	R 5.405
November	1.538	R 1.414	1.464	.179	.377	R .244	.014	.001	R 5.232
December	1.612	R 1.516	1.502	.185	.426	R .274	.019	.001	R 5.535
Total	19.510	R 16.541	18.376	2.149	4.471	R 3.071	.219	.012	R 64.350
1987									
January	1.637	R 1.586	1.525	.187	.431	R .268	.019	.001	R 5.654
February	1.571	R 1.426	1.362	.172	.394	R .224	.018	.001	R 5.168
March	1.663	R 1.506	1.522	.188	.402	R .245	.019	.001	R 5.547
April	1.557	R 1.403	1.479	.181	.361	R .233	.018	.001	R 5.234
May	1.550	R 1.387	1.499	.187	.370	R .256	.019	.001	R 5.269
June	1.690	R 1.329	1.440	.180	.394	R .221	.020	.002	R 5.275
July	1.530	R 1.347	1.484	.187	.432	R .213	.020	.002	R 5.214
August	1.769	R 1.371	1.476	.185	.446	R .195	.020	.002	R 5.464
September	1.808	R 1.308	1.428	.181	.427	R .192	.019	.001	R 5.363
October	1.885	R 1.422	1.504	.189	.393	R .189	.019	.001	R 5.603
November	1.737	R 1.464	1.461	.187	.403	R .178	.018	.001	R 5.451
December	1.744	R 1.587	1.495	.191	.453	R .222	.019	.001	R 5.712
Total	20.142	R 17.136	17.675	2.215	4.906	R 2.635	.229	.016	R 64.952

See footnotes at end of table.

Table 1.3 Energy Production by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas (Dry)	Crude Oil ^a	Natural Gas Plant Liquids	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1988									
January	1.649	R 1.634	1.483	0.186	0.480	R 0.230	0.019	0.001	R 5.683
February	1.681	R 1.488	1.409	.177	.454	R .200	.016	.001	R 5.426
March	1.839	R 1.552	1.506	.193	.472	R .204	.019	.001	R 5.785
April	1.650	R 1.421	1.442	.184	.430	R .200	.017	.001	R 5.347
May	1.621	R 1.455	1.480	.192	.437	R .223	.017	.001	R 5.424
June	1.675	R 1.383	1.422	.184	.474	R .198	.018	.002	R 5.354
July	1.516	R 1.401	1.446	.191	.535	R .177	.020	.002	R 5.287
August	1.933	R 1.421	1.453	.190	.527	R .172	.019	.002	R 5.716
September	1.824	R 1.340	1.374	.185	.497	R .170	.018	.002	R 5.410
October	1.773	R 1.457	1.442	.196	.458	R .158	.018	.002	R 5.503
November	1.817	R 1.484	1.396	.190	.425	R .193	.018	.001	R 5.525
December	1.758	R 1.565	1.428	.193	.473	R .208	.018	.001	R 5.644
Total	20.737	R 17.599	17.279	2.260	5.661	R 2.334	.217	.017	R 66.105
1989									
January	1.792	1.585	1.427	.197	.497	.219	.017	.001	5.736
February	1.641	1.464	1.265	.172	.415	.195	.016	.001	5.170
March	1.946	1.552	1.362	.196	.425	.236	.018	.001	5.737
April	1.686	1.478	1.352	.192	.359	.251	.016	.001	5.336
May	1.802	1.498	1.405	.192	.411	.293	.017	.001	5.619
June	1.715	1.437	1.327	.173	.461	.270	.017	.002	5.401
July	1.449	1.465	1.338	.183	.561	.237	.017	.002	5.252
August	1.988	1.454	1.356	.178	.589	.211	.016	.002	5.795
September	1.853	1.384	1.313	.170	.481	.197	.015	.002	5.415
October	1.956	1.452	1.340	.175	.467	.209	.016	.002	5.618
November	1.899	1.512	1.311	.170	.465	.221	.015	.002	5.596
December	1.618	1.567	1.319	.159	.545	.228	.016	.002	5.454
Total	21.345	17.847	16.117	2.158	5.677	2.767	.197	.020	66.129
1990									
January	1.976	1.667	1.357	.183	.589	.245	.016	.002	6.034
February	1.790	1.485	1.218	.168	.534	.252	.015	.002	5.463
March	1.999	1.576	1.337	.181	.492	.293	.016	.002	5.895
April	1.815	1.494	1.289	.171	.411	.265	.013	.002	5.460
May	1.888	1.510	1.318	.178	.459	.282	.015	.002	5.652
June	1.846	1.469	1.236	.167	.495	.290	.016	.001	5.520
July	1.741	1.494	1.290	.176	.573	.247	.016	.002	5.538
August	2.004	1.499	1.310	.187	.595	.220	.015	.002	5.833
September	1.814	1.436	1.257	.183	.518	.178	.015	.002	5.402
October	2.039	1.562	1.356	.198	.463	.194	.015	.002	5.829
November	1.893	1.559	1.285	.194	.481	.209	.015	.002	5.638
December	1.651	1.611	1.319	.190	.551	.250	.016	.002	5.589
Total	22.456	18.362	15.571	2.175	6.161	2.926	.181	.021	67.853
1991									
January	1.870	1.658	1.348	.194	.584	.269	.015	.002	5.941
February	1.800	1.459	1.240	.181	.514	.229	.013	.002	5.438
March	1.853	1.581	1.357	.199	.528	.270	.015	.002	5.803
April	1.727	1.506	1.306	.190	.447	.269	.013	.002	5.460
May	1.739	1.497	1.332	.196	.502	.298	.014	.002	5.578
June	1.673	1.427	1.274	.186	.582	.271	.014	.002	5.429
July	1.738	1.441	1.321	.191	.652	.254	.014	.002	5.613
August	1.937	1.447	1.315	.192	.628	.228	.014	.002	5.763
September	1.777	1.440	1.282	.185	.557	.193	.013	.002	5.450
October	1.969	1.554	1.337	.199	.512	.184	.014	.002	5.771
November	1.782	1.574	1.275	.194	.497	.192	.015	.002	5.530
December	1.730	1.645	1.312	.199	.576	.229	.015	.002	5.708
Total	21.594	18.229	15.701	2.306	6.579	2.885	.170	.021	67.484
1992									
January	1.904	1.633	1.323	.199	.618	.225	.015	.002	5.919
February	1.778	1.440	1.243	.187	.564	.188	.013	.002	5.415
March	1.859	1.519	1.321	.200	.489	.225	.015	.002	5.630
April	1.785	1.491	1.269	.193	.451	.203	.014	.001	5.407
May	1.737	1.529	1.289	.200	.487	.233	.014	.002	5.491
June	1.732	1.488	1.247	.194	.547	.237	.014	.002	5.461
July	1.750	1.536	1.282	.198	.598	.206	.014	.002	5.587
August	1.830	1.495	1.245	.193	.626	.189	.014	.002	5.594
September	1.811	1.481	1.223	.189	.544	.176	.013	.002	5.439
October	1.869	1.579	1.281	.203	.521	.171	.014	.002	5.640
November	1.739	1.559	1.222	.200	.542	.201	.014	.002	5.479
December	1.799	1.626	1.277	.206	.620	.248	.014	.002	5.792
Total	21.593	18.375	15.223	2.363	6.607	2.501	.170	.022	66.853

^a Includes lease condensate.

^b Electric utility and industrial generation.

^c "Other" production is electricity generated for distribution from wood, waste, wind, photovoltaic, and solar thermal energy.

^d Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, 3.3 quadrillion Btu of renewable energy consumed by U.S. electric utilities to generate electricity for

distribution is included, but an estimated 3.4 quadrillion Btu of renewable energy used by other sectors is not included.

R=Revised data. (s)=Less than 0.5 trillion Btu.

Notes: • See Note 1 at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.4 Energy Consumption by Source, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1973								
January	1.166	2.397	3.199	0.068	0.285	0.003	-0.001	7.118
February	1.050	2.171	2.949	.065	.254	.003	(s)	6.491
March	1.047	2.057	2.943	.072	.281	.003	-.002	6.403
April .....	.999	1.874	2.634	.064	.265	.003	(s)	5.839
May	1.014	1.765	2.842	.062	.273	.003	-.003	5.958
June	1.050	1.566	2.727	.074	.262	.004	(s)	5.683
July	1.111	1.591	2.799	.076	.248	.004	-.001	5.828
August	1.136	1.615	2.992	.085	.235	.004	-.001	6.065
September	1.058	1.559	2.756	.086	.192	.003	-.001	5.653
October	1.083	1.744	2.941	.082	.204	.004	.002	6.060
November	1.089	1.945	3.060	.089	.222	.004	.001	6.410
December	1.169	2.228	2.998	.088	.287	.005	.001	6.775
Total	12.971	22.512	34.840	.910	3.010	.043	-.004	74.282
1974								
January	1.146	2.284	2.949	.085	.316	.004	.004	6.788
February	1.036	2.103	2.676	.091	.290	.004	.003	6.204
March	1.051	2.051	2.748	.098	.302	.004	.004	6.258
April .....	.995	1.732	2.630	.080	.305	.004	.005	5.750
May	1.029	1.647	2.683	.073	.306	.004	.005	5.748
June	1.014	1.474	2.661	.079	.292	.004	.004	5.528
July	1.111	1.550	2.789	.114	.288	.005	.004	5.861
August	1.112	1.546	2.824	.138	.264	.004	.004	5.893
September	1.006	1.574	2.646	.123	.236	.004	.007	5.595
October	1.052	1.747	2.909	.121	.222	.004	.009	6.065
November	1.022	1.871	2.865	.123	.234	.005	.005	6.124
December	1.089	2.154	3.073	.148	.255	.005	.005	6.730
Total	12.663	21.732	33.455	1.272	3.309	.053	.059	72.543
1975								
January	1.132	2.295	3.066	.154	.269	.004	.009	6.929
February	1.039	1.980	2.628	.140	.256	.004	.008	6.056
March	1.072	1.943	2.779	.164	.299	.005	.003	6.264
April .....	.996	1.608	2.645	.147	.285	.005	(s)	5.686
May .....	.977	1.359	2.581	.152	.297	.005	-.003	5.373
June	1.022	1.283	2.573	.140	.291	.006	-.001	5.314
July	1.082	1.341	2.681	.169	.274	.006	-.001	5.551
August	1.117	1.398	2.692	.175	.243	.007	-.002	5.630
September	1.003	1.399	2.599	.159	.221	.006	-.003	5.384
October	1.021	1.576	2.789	.161	.244	.007	-.001	5.797
November	1.044	1.674	2.600	.156	.262	.007	.001	5.744
December	1.159	2.092	3.097	.184	.278	.007	.001	6.818
Total	12.663	19.948	32.731	1.900	3.219	.070	.016	70.546
1976								
January	1.201	2.337	3.182	.178	.281	.007	-.001	7.185
February	1.064	1.977	2.795	.159	.264	.007	-.002	6.263
March	1.104	1.755	2.952	.155	.286	.007	-.002	6.257
April	1.054	1.538	2.753	.121	.261	.006	-.002	5.731
May	1.060	1.463	2.726	.132	.275	.006	-.003	5.660
June	1.099	1.362	2.778	.174	.275	.006	-.001	5.693
July	1.171	1.399	2.834	.196	.281	.007	(s)	5.887
August	1.180	1.343	2.840	.203	.257	.007	.002	5.832
September	1.082	1.328	2.780	.191	.221	.007	.001	5.609
October	1.119	1.653	2.916	.192	.229	.006	.006	6.121
November	1.176	1.913	3.112	.178	.215	.005	.002	6.602
December	1.274	2.277	3.508	.233	.220	.006	.003	7.521
Total	13.584	20.345	35.175	2.111	3.066	.078	.003	74.362
1977								
January	1.266	2.458	3.507	.239	.235	.007	-.001	7.710
February	1.122	1.854	3.165	.211	.174	.006	-.001	6.532
March	1.129	1.751	3.100	.223	.225	.007	-.001	6.433
April	1.041	1.469	2.910	.214	.212	.006	-.002	5.851
May	1.103	1.408	2.903	.222	.213	.006	.001	5.857
June	1.162	1.361	2.987	.232	.197	.006	.001	5.946
July	1.257	1.353	3.005	.235	.193	.007	.002	6.052
August	1.231	1.393	3.081	.245	.192	.006	.001	6.149
September	1.136	1.457	2.932	.211	.189	.007	.007	5.939
October	1.127	1.550	3.049	.205	.197	.007	.004	6.140
November	1.139	1.725	3.052	.210	.231	.007	.001	6.365
December	1.207	2.152	3.430	.256	.256	.007	.006	7.314
Total	13.922	19.931	37.122	2.702	2.515	.077	.020	76.288

See footnotes at end of table.

Table 1.4 Energy Consumption by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1978								
January	1.196	2.427	3.379	0.283	0.280	0.007	0.002	7.574
February	1.002	2.180	3.230	.239	.248	.006	.001	6.905
March .....	.953	1.954	3.362	.246	.275	.005	.005	6.801
April	1.019	1.568	2.938	.192	.282	.004	.012	6.016
May	1.088	1.406	3.119	.223	.319	.004	.024	6.183
June	1.162	1.273	3.023	.243	.280	.005	.009	5.995
July	1.237	1.358	3.017	.274	.273	.005	.014	6.179
August	1.278	1.309	3.189	.280	.250	.006	.013	6.326
September	1.211	1.258	2.973	.243	.239	.006	.011	5.942
October	1.167	1.467	3.151	.252	.221	.005	.015	6.278
November	1.170	1.690	3.172	.272	.226	.005	.012	6.547
December	1.281	2.108	3.412	.278	.249	.007	.009	7.344
Total	13.765	20.000	37.965	3.024	3.141	.064	.128	78.089
1979								
January	1.352	2.477	3.506	.302	.280	.006	.004	7.928
February	1.204	2.250	3.275	.282	.239	.005	.003	7.258
March	1.212	1.921	3.291	.265	.289	.007	.003	6.987
April	1.140	1.627	2.873	.200	.283	.007	.005	6.137
May	1.194	1.459	3.032	.163	.321	.007	.011	6.187
June	1.238	1.336	2.931	.175	.279	.007	.010	5.976
July	1.335	1.358	2.920	.227	.256	.007	.008	6.111
August	R 1.343	1.370	3.091	.263	.241	.008	.009	R 6.324
September	R 1.198	1.357	2.868	.237	.216	.007	.008	R 5.891
October	1.231	1.590	3.096	.228	.229	.008	.004	6.385
November	1.238	1.805	3.018	.209	.252	.007	(s)	6.530
December	1.354	2.116	3.223	.224	.256	.009	.002	7.183
Total	15.039	20.666	37.123	2.776	3.141	.084	.068	78.898
1980								
January	1.394	2.296	3.202	.215	.284	.007	.004	7.403
February	1.310	2.203	2.990	.210	.242	.007	(s)	6.962
March	1.292	2.107	2.951	.219	.274	.008	-.003	6.848
April	1.155	1.575	2.759	.205	.288	.008	-.004	5.986
May	1.160	1.392	2.758	.201	.322	.010	-.005	5.837
June	1.231	1.288	2.661	.200	.308	.009	-.004	5.693
July	1.385	1.329	2.719	.229	.276	.010	-.004	5.944
August	1.377	1.315	2.676	.265	.233	.010	-.003	5.874
September	1.258	1.333	2.728	.257	.212	.009	-.004	5.794
October	1.224	1.562	2.887	.267	.206	.011	-.006	6.151
November	1.247	1.807	2.745	.229	.220	.010	-.002	6.256
December	1.391	2.184	3.127	.241	.252	.010	-.001	7.205
Total	15.423	20.394	34.202	2.739	3.118	.110	-.031	75.955
1981								
January	1.467	2.341	3.113	.262	.266	.011	(s)	7.460
February	1.297	1.946	2.592	.238	.250	.010	-.001	6.332
March	1.304	1.950	2.686	.243	.247	.011	-.002	6.440
April	1.187	1.528	2.509	.228	.248	.010	-.001	5.709
May	1.195	1.465	2.593	.218	.285	.010	(s)	5.765
June	1.296	1.344	2.631	.233	.308	.010	-.004	5.818
July	1.463	1.349	2.649	.255	.295	.011	(s)	6.022
August	1.431	1.348	2.578	.297	.258	.011	.001	5.923
September	1.297	1.299	2.559	.269	.217	.011	-.001	5.650
October	1.285	1.560	2.672	.227	.221	.011	-.002	5.973
November	1.274	1.663	2.548	.251	.229	.009	.001	5.976
December	1.412	2.132	2.803	.287	.282	.009	-.003	6.922
Total	15.907	19.928	31.931	3.008	3.105	.123	-.012	73.990
1982								
January	1.489	2.467	2.706	.284	.311	.008	(s)	7.266
February	1.295	2.040	2.426	.224	.305	.008	-.001	6.295
March	1.262	1.889	2.612	.252	.336	.007	-.002	6.356
April	1.155	1.527	2.607	.241	.314	.007	-.001	5.850
May	1.189	1.168	2.492	.240	.318	.008	-.002	5.412
June	1.213	1.146	2.436	.266	.307	.009	-.003	5.374
July	1.383	1.177	2.488	.282	.307	.010	-.003	5.645
August	1.377	1.183	2.491	.277	.286	.010	-.001	5.622
September	1.230	1.172	2.440	.281	.243	.009	-.003	5.373
October	1.193	1.348	2.494	.257	.244	.010	-.001	5.545
November	1.232	1.603	2.438	.257	.279	.011	-.001	5.818
December	1.305	1.788	2.600	.270	.322	.008	(s)	6.293
Total	15.322	18.505	30.231	3.131	3.572	.105	-.018	70.848

See footnotes at end of table.

Table 1.4 Energy Consumption by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1983								
January	1.360	R 2.263	2.467	0.273	0.339	0.010	-0.001	R 6.712
February	1.180	R 1.890	2.239	.242	.326	.008	-.001	R 5.884
March	1.196	R 1.779	2.604	.261	.350	.009	(s)	R 6.199
April	1.140	R 1.546	2.383	.244	.347	.009	-.002	R 5.665
May	1.172	R 1.301	2.431	.240	.355	.007	-.001	R 5.505
June	1.257	R 1.137	2.480	.263	.354	.009	-.001	R 5.499
July	1.499	R 1.114	2.517	.279	.331	.011	-.001	R 5.750
August	1.574	R 1.116	2.594	.286	.309	.015	(s)	R 5.893
September	1.366	R 1.049	2.515	.273	.268	.014	-.001	R 5.484
October	1.304	R 1.141	2.507	.281	.257	.014	(s)	R 5.506
November	1.325	R 1.346	2.514	.273	.294	.013	-.001	R 5.764
December	1.522	R 1.674	2.803	.287	.369	.010	-.002	R 6.663
Total	15.894	17.357	30.054	3.203	3.899	.129	-.012	70.524
1984								
January	1.552	2.413	2.810	.318	R .346	.010	.001	R 7.450
February	1.359	2.015	2.415	.308	R .322	.013	.003	R 6.436
March	1.403	1.897	2.684	.296	R .350	.014	(s)	R 6.645
April	1.272	1.648	2.520	.263	R .346	.014	(s)	R 6.063
May	1.298	R 1.388	2.612	.280	R .368	.013	(s)	R 5.960
June	1.439	1.212	2.542	.274	R .335	.013	-.002	R 5.814
July	1.519	1.188	2.592	.307	R .328	.012	(s)	R 5.946
August	1.587	1.190	2.695	.320	R .311	.015	-.001	R 6.117
September	1.384	1.119	2.468	.316	R .258	.014	(s)	R 5.558
October	1.395	1.217	2.612	.269	R .261	.015	-.002	R 5.766
November	1.394	1.436	2.529	.266	R .268	.015	-.001	R 5.907
December	1.470	R 1.785	2.571	.335	R .305	.017	.001	R 6.484
Total	R 17.071	18.507	31.051	3.553	R 3.800	.165	-.002	R 74.144
1985								
January	1.599	R 2.169	2.690	.391	R .321	.016	.002	R 7.189
February	1.405	R 2.216	2.432	.333	R .298	.015	.003	R 6.701
March	1.386	R 1.775	2.567	.336	R .298	.017	.002	R 6.381
April	1.319	R 1.492	2.500	.286	R .288	.015	.001	R 5.902
May	1.384	R 1.184	2.589	.310	R .314	.015	-.002	R 5.795
June	1.431	R 1.111	2.502	.333	R .290	.015	-.001	R 5.681
July	1.585	R 1.155	2.577	.380	R .270	.016	(s)	R 5.983
August	1.562	R 1.154	2.682	.376	R .258	.017	(s)	R 6.050
September	1.425	R 1.074	2.440	.373	R .237	.016	-.001	R 5.564
October	1.389	R 1.184	2.663	.337	R .247	.016	(s)	R 5.836
November	1.386	R 1.355	2.505	.326	R .276	.019	-.001	R 5.866
December	1.607	R 1.965	2.774	.365	R .302	.021	(s)	R 7.034
Total	17.478	17.834	30.922	4.149	R 3.398	.198	.001	R 73.981
1986								
January	1.628	R 2.217	2.702	.391	R .264	.021	.001	R 7.225
February	R 1.413	R 1.942	2.455	.353	R .273	.018	.001	R 6.456
March	1.385	R 1.783	2.734	.332	R .325	.019	(s)	R 6.579
April	1.265	R 1.388	2.592	.329	R .315	.017	(s)	R 5.907
May	1.321	R 1.200	2.686	.345	R .317	.017	-.002	R 5.885
June	1.464	R 1.067	2.609	.338	R .306	.019	.001	R 5.803
July	1.648	R 1.062	2.739	.388	R .286	.020	-.001	R 6.141
August	1.515	R 1.025	2.791	.405	R .263	.020	-.004	R 6.015
September	1.401	R .968	2.586	.395	R .258	.017	.001	R 5.626
October	1.356	R 1.047	2.789	.391	R .257	.016	(s)	R 5.856
November	1.367	R 1.282	2.637	.377	R .274	.014	-.002	R 5.948
December	1.498	R 1.727	2.877	.426	R .308	.019	.001	R 6.855
Total	R 17.261	16.708	32.196	4.471	R 3.446	.219	-.004	R 74.297
1987								
January	1.563	R 2.191	2.794	.431	R .308	.019	(s)	R 7.307
February	1.358	R 1.978	2.558	.394	R .269	.018	.002	R 6.576
March	1.372	R 1.802	2.707	.402	R .291	.019	(s)	R 6.593
April	1.323	R 1.481	2.678	.361	R .280	.018	.002	R 6.143
May	1.419	R 1.220	2.684	.370	R .293	.019	.002	R 6.006
June	1.554	R 1.132	2.728	.394	R .263	.020	.003	6.094
July	1.732	R 1.126	2.866	.432	R .262	.020	.002	R 6.440
August	1.720	R 1.159	2.738	.446	R .241	.020	.002	R 6.326
September	1.484	R 1.076	2.702	.427	R .226	.019	.005	R 5.939
October	1.448	R 1.258	2.838	.393	R .223	.019	.003	R 6.182
November	1.434	R 1.460	2.649	.403	R .208	.018	.004	R 6.176
December	1.602	R 1.862	2.922	.453	R .254	.019	(s)	R 7.112
Total	18.008	17.744	32.865	4.906	R 3.117	.229	.024	R 76.894

See footnotes at end of table.

Table 1.4 Energy Consumption by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Nuclear Electric Power	Hydro-electric Power ^b	Geothermal Energy	Other ^c	Total ^d
1988								
January	1.684	2.250	2.919	0.480	R 0.263	0.019	0.005	R 7.619
February	1.539	2.097	2.786	.454	R .233	.016	.003	R 7.129
March	1.486	1.921	2.954	.472	R .237	.019	.007	R 7.095
April	1.368	1.506	2.688	.430	R .226	.017	.006	R 6.242
May	1.418	1.340	2.716	.437	R .245	.017	(s)	R 6.174
June	1.601	1.204	2.769	.474	R .225	.018	.006	R 6.297
July	1.749	1.211	2.800	.535	R .213	.020	.008	R 6.535
August	1.819	R 1.258	2.932	.527	R .210	.019	.005	R 6.770
September	1.522	R 1.130	2.771	.497	R .195	.018	.005	R 6.138
October	1.498	1.268	2.948	.458	R .181	.018	.006	R 6.377
November	1.493	1.495	2.860	.425	R .210	.018	.002	R 6.503
December	1.668	1.873	3.080	.473	R .223	.018	.004	R 7.339
Total	18.846	18.552	34.222	5.661	R 2.662	.217	.057	R 80.218
1989								
January	1.649	2.087	2.896	.497	.233	.017	.009	7.388
February	1.559	2.072	2.714	.415	.214	.016	.004	6.993
March	1.546	2.008	3.017	.425	.243	.018	.005	7.262
April	1.410	1.631	2.698	.359	.262	.016	.008	6.385
May	1.455	1.392	2.775	.411	.305	.017	.007	6.362
June	1.560	1.239	2.840	.461	.287	.017	.006	6.408
July	1.692	1.259	2.759	.561	.259	.017	.005	6.554
August	1.704	1.255	2.912	.589	.228	.016	.004	6.709
September	1.539	1.219	2.726	.481	.207	.015	.003	6.190
October	1.513	1.380	2.902	.467	.210	.016	-.002	6.486
November	1.523	1.617	2.810	.465	.212	.015	.001	6.643
December	1.775	2.224	3.163	.545	.222	.016	.000	7.945
Total	18.925	19.384	34.211	5.677	2.881	.197	.051	81.325
1990								
January	1.646	2.207	2.846	.589	.242	.016	.002	7.546
February	1.460	1.900	2.602	.534	.241	.015	.002	6.753
March	1.523	1.855	2.866	.492	.278	.016	.002	7.033
April	1.445	1.649	2.724	.411	.258	.013	.001	6.500
May	1.472	1.424	2.837	.459	.276	.015	.002	6.484
June	1.599	1.312	2.786	.495	.285	.016	.002	6.495
July	1.734	1.300	2.866	.573	.259	.016	.005	6.751
August	1.769	1.327	3.028	.595	.230	.015	.001	6.966
September	1.634	1.294	2.680	.518	.187	.015	.003	6.330
October	1.599	1.427	2.841	.463	.210	.015	.002	6.558
November	1.530	1.592	2.710	.481	.219	.015	.001	6.547
December	1.691	2.011	2.767	.551	.263	.016	.003	7.301
Total	19.101	19.296	33.553	6.161	2.946	.181	.026	81.265
1991								
January	1.728	2.367	2.819	.584	.278	.015	.003	7.795
February	1.444	1.969	2.463	.514	.237	.013	.002	6.643
March	1.463	1.895	2.706	.528	.283	.015	.003	6.893
April	1.357	1.589	2.607	.447	.287	.013	.002	6.302
May	1.480	1.377	2.702	.502	.317	.014	.002	6.394
June	1.577	1.235	2.726	.582	.286	.014	(s)	6.421
July	1.718	1.322	2.832	.652	.275	.014	.005	6.818
August	1.717	1.312	2.868	.628	.259	.014	(s)	6.798
September	1.558	1.268	2.721	.557	.221	.013	.006	6.344
October	1.523	1.461	2.837	.512	.213	.014	.001	6.561
November	1.570	1.742	2.702	.497	.211	.015	.003	6.740
December	1.635	2.069	2.862	.576	.249	.015	.002	7.408
Total	18.770	19.606	32.845	6.579	3.115	.170	.030	81.116
1992								
January	1.653	2.306	2.836	.618	.245	.015	.006	7.678
February	1.477	2.091	2.635	.564	.205	.013	.004	6.989
March	1.535	1.984	2.805	.489	.237	.015	.005	7.070
April	1.434	1.735	2.705	.451	.222	.014	.005	6.565
May	1.468	1.460	2.748	.487	.255	.014	.002	6.435
June	1.539	1.302	2.739	.547	.257	.014	.005	6.403
July	1.756	1.351	2.858	.598	.241	.014	.003	6.822
August	1.686	1.302	2.822	.626	.220	.014	.003	6.673
September	1.583	1.286	2.723	.544	.204	.013	.003	6.356
October	1.531	1.409	2.909	.521	.202	.014	.004	6.590
November	1.529	1.722	2.757	.542	.230	.014	.003	6.798
December	1.678	2.182	2.989	.620	.275	.014	.007	7.765
Total	18.868	20.131	33.527	6.607	2.793	.170	.049	82.144

^a Includes supplemental gaseous fuels.

^b Electric utility and industrial generation and net imports of electricity.

^c "Other" consumption is net imports of coal coke and electricity generated for distribution from wood, waste, wind, photovoltaic, and solar thermal energy.

^d Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, 3.3 quadrillion Btu of renewable energy consumed by U.S. electric utilities to generate electricity for

distribution is included, but an estimated 3.4 quadrillion Btu of renewable energy used by other sectors is not included.

R=Revised data. (s)=Less than +0.5 trillion Btu and greater than -0.5 trillion Btu.

Notes: • See Note 2 at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.5 Energy Net Imports by Source, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas	Crude Oil ^a	Petroleum Products ^b	Electricity ^c	Coal Coke	Total
1973							
January	-0.080	R 0.089	0.493	0.542	0.013	-0.001	R 1.056
February	-.071	R .080	.468	.567	.011	(s)	R 1.055
March	-.092	R .090	.570	.600	.013	-.002	R 1.178
April	-.136	R .083	.532	.409	.012	-.001	R .899
May	-.139	R .079	.579	.446	.013	-.003	R .975
June	-.134	R .077	.562	.442	.012	(s)	R .959
July	-.112	R .076	.630	.455	.013	-.001	R 1.061
August	-.139	R .078	.648	.517	.013	-.001	R 1.115
September	-.091	R .077	.605	.487	.012	-.001	R 1.088
October	-.158	R .089	.674	.497	.013	.002	R 1.117
November	-.140	R .082	.602	.588	.012	.001	1.147
December	-.131	R .082	.520	.547	.013	(s)	R 1.032
Total	-1.422	.981	6.883	6.097	.148	-.007	12.680
1974							
January	-.073	.082	.427	.518	.011	.004	.969
February	-.120	.075	.365	.464	.010	.003	.798
March	-.085	R .081	.445	.484	.011	.004	R .940
April	-.131	.079	.571	.443	.011	.004	.977
May	-.162	.076	.705	.435	.011	.005	R 1.071
June	-.169	R .069	.686	.394	.011	.003	.993
July	-.140	R .067	.739	.406	.011	.004	R 1.087
August	-.125	.073	.709	.406	.011	.004	R 1.077
September	-.128	.066	.664	.374	.011	.007	.992
October	-.192	R .079	.688	.397	.011	.009	R .994
November	-.174	R .078	.692	.475	.011	.005	R 1.087
December	-.068	.082	.699	.475	.011	.005	R 1.204
Total	-1.568	.907	7.389	5.273	.133	.056	12.190
1975							
January	-.112	.079	.722	.485	.005	.009	R 1.188
February	-.116	R .069	.619	.356	.005	.008	R .940
March	-.146	.079	.658	.346	.005	.003	.944
April	-.164	.078	.590	.263	.005	(s)	R .773
May	-.184	.075	.629	.282	.005	.003	.810
June	-.167	R .075	.682	.229	.005	-.002	.821
July	-.127	.074	.757	.292	.005	-.001	1.000
August	-.154	.071	.827	.280	.005	-.002	1.027
September	-.122	R .069	.819	.341	.005	-.003	R 1.110
October	-.125	.076	.792	.324	.005	-.002	1.071
November	-.201	.078	.807	.291	.005	.001	.981
December	-.120	.080	.808	.312	.005	(s)	1.086
Total	-1.738	.904	8.708	3.800	.064	.014	11.752
1976							
January	-.096	.081	.827	.365	.008	-.001	1.184
February	-.079	.075	.709	.394	.007	-.002	1.104
March	-.105	.081	.853	.329	.008	-.002	1.163
April	-.152	.082	.835	.286	.007	-.002	1.055
May	-.151	.079	.841	.275	.008	-.003	1.049
June	-.172	.073	.981	.295	.007	-.002	1.182
July	-.130	.069	1.043	.345	.008	(s)	R 1.334
August	-.111	.073	.998	.302	.008	.001	1.270
September	-.151	R .069	1.024	.334	.007	.001	1.284
October	-.155	.082	1.021	.310	.008	.006	1.272
November	-.143	.078	1.031	.325	.007	.001	1.299
December	-.121	.080	1.061	.424	.008	.002	1.453
Total	-1.567	.922	11.221	3.982	.089	(s)	14.648
1977							
January	-.055	.084	1.129	.448	.015	-.002	1.620
February	-.081	.090	1.074	.524	.014	(s)	R 1.620
March	-.091	R .099	1.201	.460	.015	-.002	1.683
April	-.146	.083	1.186	.301	.015	-.002	R 1.438
May	-.150	.085	1.212	.285	.015	(s)	R 1.447
June	-.158	R .074	1.230	.294	.015	(s)	1.454
July	-.136	R .067	1.263	.335	.015	.002	R 1.547
August	-.113	.073	1.145	.365	.015	.001	R 1.487
September	-.132	R .073	1.105	.343	.015	.007	R 1.411
October	-.124	.082	1.156	.311	.015	.004	1.444
November	-.117	R .084	1.094	.288	.015	.001	R 1.365
December	-.098	.087	1.127	.366	.015	.005	1.502
Total	-1.401	.981	13.921	4.321	.182	.015	18.019

See footnotes at end of table.

Table 1.5 Energy Net Imports by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas	Crude Oil ^a	Petroleum Products ^b	Electricity ^c	Coal Coke	Total
1978							
January	-0.020	R 0.083	1.105	0.358	0.017	0.001	1.544
February	-.012	R .075	.935	.360	.016	.001	R 1.375
March	-.004	R .083	1.098	.394	.017	.005	1.593
April	-.059	.077	.963	.335	.017	.012	R 1.346
May	-.110	.071	1.008	.299	.017	.024	1.309
June	-.137	.066	1.092	.257	.017	.009	1.304
July	-.087	.069	1.114	.325	.017	.014	1.452
August	-.091	.071	1.125	.302	.017	.013	1.437
September	-.087	.069	1.184	.315	.017	.011	R 1.510
October	-.125	.079	1.137	.282	.017	.014	1.406
November	-.157	R .090	1.151	.328	.017	.012	1.441
December	-.116	R .107	1.213	.378	.017	.009	1.607
Total	-1.004	.941	13.125	3.932	.204	.125	17.323
1979							
January	-.091	R .099	1.215	.361	.018	.004	1.607
February	-.066	R .095	1.014	.304	.016	.003	1.367
March	-.120	.112	1.082	.386	.018	.002	1.479
April	-.136	.105	1.037	.252	.017	.005	1.281
May	-.162	.103	1.097	.283	.018	.011	R 1.350
June	-.154	.100	1.118	.252	.017	.009	1.342
July	-.165	R .101	1.145	.308	.018	.008	1.416
August	-.158	R .096	1.182	.281	.018	.009	R 1.427
September	-.132	.097	1.090	.236	.017	.008	1.316
October	-.194	.108	1.209	.279	.018	.003	R 1.424
November	-.161	.115	1.040	.290	.017	(s)	1.302
December	-.163	R .111	1.099	.370	.018	.002	R 1.436
Total	-1.702	1.243	13.328	3.603	.211	.063	16.746
1980							
January	-.115	R .114	1.096	.349	.018	.003	1.467
February	-.102	R .106	.958	.284	.017	-.001	1.262
March	-.146	.106	.967	.269	.018	-.003	1.211
April	-.198	.076	.943	.218	.018	-.005	1.051
May	-.222	.069	.861	.214	.018	-.005	.936
June	-.232	.059	.892	.193	.018	-.004	.926
July	-.217	.059	.830	.199	.018	-.004	.886
August	-.240	R .059	.851	.204	.018	-.003	.889
September	-.221	.056	.765	.223	.018	-.004	.837
October	-.246	R .071	.803	.235	.018	-.006	.876
November	-.237	.087	.766	.252	.018	-.002	R .883
December	-.215	.095	.854	.272	.018	-.001	1.023
Total	-2.391	.957	10.586	2.912	.217	-.035	12.247
1981							
January	-.151	.087	.829	.293	.030	(s)	1.087
February	-.175	.081	.762	.240	.027	-.001	.934
March	-.252	.076	.778	.196	.030	-.003	R .824
April	-.215	R .066	.723	.161	.029	-.001	R .762
May	-.157	R .060	.717	.210	.030	(s)	.859
June	-.158	.061	.687	.181	.029	-.004	.796
July	-.281	.062	.728	.210	.030	(s)	.749
August	-.292	.060	.717	.199	.030	(s)	R .714
September	-.310	.062	.794	.219	.029	-.002	.792
October	-.321	.075	.749	.184	.030	-.003	.715
November	-.308	.078	.658	.214	.029	(s)	.670
December	-.299	.089	.712	.215	.030	-.003	.743
Total	-2.918	.857	8.854	2.522	.347	-.016	9.646
1982							
January	-.160	.097	.624	.181	.027	(s)	.768
February	-.234	R .082	.438	.207	.023	-.001	R .515
March	-.273	.078	.461	.181	.020	-.002	.466
April	-.284	.071	.468	.153	.019	-.001	.427
May	-.262	.063	.551	.166	.022	-.002	.537
June	-.280	.056	.654	.147	.011	-.004	.585
July	-.239	.063	.726	.196	.019	-.003	.762
August	-.190	.056	.641	.144	.033	-.001	.683
September	-.226	.062	.603	.196	.033	-.003	.666
October	-.260	.073	.614	.168	.035	-.001	.629
November	-.203	.088	.629	.228	.033	-.001	.774
December	-.157	.107	.507	.161	.030	-.001	R .648
Total	-2.768	.898	6.917	2.128	.306	-.022	7.460

See footnotes at end of table.

Table 1.5 Energy Net Imports by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas	Crude Oil ^a	Petroleum Products ^b	Electricity ^c	Coal Coke	Total
1983							
January	-0.116	0.110	0.514	0.105	0.029	-0.001	0.641
February	-.113	.092	.327	.134	.029	-.001	.468
March	-.162	.083	.382	.134	.029	-.001	R .465
April	-.157	.071	.530	.148	.028	-.002	.617
May	-.180	R .058	.556	.202	.023	-.002	R .658
June	-.188	.057	.600	.188	.028	-.001	R .684
July	-.159	R .055	.673	.252	.032	-.002	.851
August	-.217	.051	.732	.252	.035	-.001	R .851
September	-.195	R .064	.705	.239	.038	-.001	.849
October	-.209	.061	.597	.241	.037	-.001	.726
November	-.153	R .078	.551	.233	.032	-.001	R .741
December	-.162	.105	.563	.222	.033	-.003	.758
Total	-2.013	.885	6.731	2.351	.372	-.016	8.310
1984							
January	-.132	R .093	.524	.336	.032	.001	R .855
February	-.109	R .065	.467	.379	R .029	.002	.832
March	-.152	.063	.584	.209	.029	-.001	.732
April	-.199	R .067	.567	.244	.030	(s)	R .709
May	-.215	R .062	.672	.255	R .033	-.001	R .806
June	-.205	R .057	.581	.213	.031	-.002	R .674
July	-.215	R .051	.639	.228	R .038	-.001	R .741
August	-.214	R .050	.552	.214	.046	-.002	R .647
September	-.228	R .053	.556	.233	R .038	(s)	R .651
October	-.173	.062	.652	.269	.041	-.003	.848
November	-.109	R .080	.591	.223	.033	-.003	R .816
December	-.169	R .090	.533	.167	R .033	-.001	R .653
Total	-2.119	.792	6.918	2.970	R .414	-.011	R 8.963
1985							
January	-.150	.099	.465	.177	.030	(s)	R .622
February	-.156	R .095	.308	.178	.025	.001	R .451
March	-.174	.084	.470	.235	.038	(s)	.653
April	-.181	.071	.554	.228	.030	.001	R .703
May	-.239	R .072	.629	.271	.034	-.003	R .765
June	-.205	R .061	.519	.210	.037	-.002	R .619
July	-.188	.053	.551	.208	.044	-.002	R .667
August	-.268	.056	.520	.185	.047	-.001	.539
September	-.208	R .059	.519	.196	.038	-.003	R .601
October	-.227	.071	.563	.223	.035	-.001	R .665
November	-.211	R .073	.650	.223	R .034	-.003	R .765
December	-.183	R .102	.633	.237	.034	-.001	R .822
Total	-2.389	.896	6.381	2.570	R .428	-.013	R 7.872
1986							
January	-.152	.094	.607	.240	R .038	(s)	R .826
February	-.130	.071	.464	.152	.028	(s)	R .585
March	-.159	R .049	.509	.206	.025	-.001	.630
April	-.213	.037	.636	.164	R .025	(s)	.648
May	-.220	.049	.760	.262	R .030	-.003	R .877
June	-.188	.038	.779	.303	.028	(s)	R .961
July	-.200	R .043	.853	.274	.031	-.002	R .999
August	-.199	R .044	.847	.288	R .040	-.006	R 1.015
September	-.211	R .050	.863	.250	.035	(s)	R .987
October	-.187	R .063	.782	.227	R .032	-.001	.916
November	-.167	.064	.797	.210	R .030	-.003	R .930
December	-.167	R .085	.779	.279	.034	-.001	R 1.009
Total	-2.193	.686	8.676	2.855	R .375	-.017	R 10.382
1987							
January	-.141	.096	.787	.229	R .041	-.001	R 1.011
February	-.120	R .080	.593	.218	R .045	.001	.817
March	-.167	.081	.664	.246	R .046	-.002	R .868
April	-.158	.065	.689	.189	R .047	(s)	R .833
May	-.169	.058	.782	.192	.037	(s)	R .901
June	-.190	.053	.831	.232	R .043	.002	R .971
July	-.171	R .062	.942	.302	.048	(s)	R 1.183
August	-.199	.070	.982	.242	.046	.001	R 1.143
September	-.171	.068	.885	.228	R .034	.004	R 1.047
October	-.172	.088	.926	.232	.034	.002	1.109
November	-.183	R .100	.859	.244	.030	.003	1.054
December	-.209	.116	.809	.229	R .032	-.001	R .975
Total	-2.049	.937	9.748	2.784	R .483	.009	R 11.911

See footnotes at end of table.

Table 1.5 Energy Net Imports by Source, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas	Crude Oil ^a	Petroleum Products ^b	Electricity ^c	Coal Coke	Total
1988							
January	-0.113	R 0.133	0.816	0.316	R 0.033	0.003	R 1.188
February	-0.114	.112	.771	.303	R .034	.002	1.107
March	-0.182	R .106	.852	.249	.032	.006	R 1.063
April	-0.233	R .088	.895	.256	.026	.004	R 1.037
May	-0.202	.090	.952	.249	R .023	-.002	1.109
June	-0.205	.085	.918	.183	.027	.005	1.012
July	-0.213	.095	.899	.267	.035	.007	R 1.090
August	-0.240	R .090	.903	.280	.038	.003	R 1.075
September	-0.264	R .089	.902	.290	.025	.003	R 1.044
October	-0.231	R .102	.985	.294	.023	.004	R 1.177
November	-0.214	.114	.872	.346	.017	.001	1.136
December	-0.234	R .119	.933	.276	.015	.003	R 1.112
Total	-2.446	1.221	10.698	3.308	R .328	.040	R 13.149
1989							
January	-0.163	.113	1.012	.340	.014	.007	1.323
February	-0.173	.103	.843	.321	.019	.002	1.116
March	-0.211	.102	.894	.295	.006	.003	1.090
April	-0.234	.099	.994	.276	.010	.007	1.153
May	-0.246	.100	1.025	.238	.012	.006	1.136
June	-0.247	.095	1.016	.210	.016	.004	1.095
July	-0.153	.093	1.125	.248	.022	.004	1.339
August	-0.206	.099	1.173	.202	.018	.003	1.288
September	-0.245	.108	1.062	.224	.009	.002	1.161
October	-0.239	.113	1.122	.237	(s)	-.004	1.229
November	-0.249	.116	1.073	.217	-.009	-.001	1.145
December	-0.199	.137	.956	.221	-.005	-.002	1.107
Total	-2.566	1.278	12.296	3.029	.113	.030	14.181
1990							
January	-0.191	.128	1.119	.415	-.003	(s)	1.468
February	-0.157	.111	.963	.276	-.011	(s)	1.182
March	-0.220	.106	1.101	.186	-.015	.001	1.159
April	-0.220	.119	1.015	.231	-.007	-.001	1.136
May	-0.254	.118	1.167	.310	-.006	(s)	1.335
June	-0.235	.112	1.128	.266	-.005	.001	1.267
July	-0.236	.116	1.245	.272	.011	.003	1.412
August	-0.261	.115	1.175	.239	.010	-.001	1.278
September	-0.263	.114	.996	.150	.009	.001	1.007
October	-0.222	.137	.925	.123	.015	.001	.979
November	-0.246	.135	.881	.157	.010	-.001	.936
December	-0.198	.151	.819	.133	.013	.001	.918
Total	-2.705	1.464	12.536	2.757	.020	.005	14.077
1991							
January	-0.156	.156	.967	.108	.009	.001	1.085
February	-0.202	.129	.889	.008	.007	.001	.832
March	-0.203	.143	.928	.113	.013	.002	.996
April	-0.176	.137	.958	.219	.018	.001	1.156
May	-0.256	.135	1.144	.199	.019	.001	1.241
June	-0.236	.128	1.117	.176	.016	-.001	1.199
July	-0.256	.129	1.073	.166	.021	.003	1.136
August	-0.270	.119	1.215	.212	.031	-.002	1.306
September	-0.267	.125	1.018	.223	.028	.004	1.130
October	-0.237	.144	1.031	.162	.029	-.001	1.130
November	-0.270	.156	.965	.213	.019	.001	1.084
December	-0.240	.165	1.002	.114	.021	(s)	1.062
Total	-2.769	1.666	12.308	1.912	.231	.009	13.357
1992							
January	-0.218	.150	1.078	.122	.021	.004	1.157
February	-0.198	.163	.873	.146	.018	.003	1.005
March	-0.214	.160	.963	.160	.012	.003	1.084
April	-0.219	.160	1.090	.173	.018	.003	1.226
May	-0.240	.157	1.099	.168	.022	.001	1.207
June	-0.221	.146	1.084	.152	.020	.003	1.183
July	-0.241	.153	1.245	.137	.035	.001	1.329
August	-0.194	.158	1.168	.197	.031	.001	1.360
September	-0.235	.149	1.099	.195	.028	.001	1.237
October	-0.183	.159	1.217	.173	.031	.002	1.399
November	-0.219	.194	1.074	.142	.029	.001	1.221
December	-0.204	.193	1.076	.129	.027	.005	1.226
Total	-2.587	1.941	13.065	1.895	.292	.027	14.633

^a Crude oil, lease condensate, and imports of crude oil for the Strategic Petroleum Reserve.

^b Petroleum products, unfinished oils, pentanes plus, and gasoline blending components.

^c Assumed to be hydroelectricity and estimated at the average input heat rate for fossil-fuel steam-electric power plant generation, which has ranged from 10.2 thousand Btu to 10.5 thousand Btu per kilowatt-hour between 1973 and 1992. Actual heat rates applied in converting kilowatt-hours to Btu are

listed by year in Table A8.

R=Revised data. (s)=Less than +0.5 trillion Btu and greater than -0.5 trillion Btu.

Notes: • See Notes 3 and 4 at end of section. • Net imports equal imports minus exports. Minus sign indicates exports are greater than imports. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.6 Merchandise Trade Value, 1974-1992

(Million Dollars)

	Petroleum			Energy			Non-Energy Balance	Total Merchandise		
	Exports	Imports	Balance	Exports	Imports	Balance		Exports	Imports	Balance
1974										
January	59	1,274	-1,214	144	1,326	-1,181	1,333	6,872	6,720	152
February	46	1,542	-1,496	179	1,588	-1,409	2,000	7,334	6,744	590
March	61	1,766	-1,705	162	1,820	-1,658	2,237	8,530	7,950	580
April	66	2,240	-2,175	223	2,294	-2,071	2,012	8,413	8,472	-59
May	73	2,232	-2,160	281	2,291	-2,010	1,565	8,491	8,936	-445
June	68	2,040	-1,972	310	2,090	-1,780	1,473	8,394	8,701	-307
July	78	2,356	-2,278	307	2,417	-2,111	619	7,696	9,187	-1,492
August	76	2,432	-2,356	338	2,509	-2,171	946	7,999	9,224	-1,224
September	60	2,060	-2,000	333	2,129	-1,796	908	7,677	8,565	-888
October	73	2,191	-2,119	450	2,278	-1,828	1,612	9,002	9,217	-216
November	66	2,130	-2,064	464	2,215	-1,750	2,129	9,400	9,021	379
December	67	2,405	-2,338	252	2,498	-2,246	1,564	8,744	9,425	-681
Total	792	24,668	-23,876	3,444	25,454	-22,010	18,126	^a 99,437	^b 103,321	-3,884
1975										
January	72	3,313	-3,241	357	3,421	-3,064	2,098	9,324	10,290	-966
February	67	1,811	-1,743	337	1,940	-1,603	2,869	8,600	7,334	1,266
March	74	1,375	-1,301	400	1,481	-1,081	2,992	9,480	7,569	1,911
April	68	2,340	-2,272	391	2,441	-2,050	2,826	9,152	8,375	776
May	85	1,847	-1,762	437	1,945	-1,509	3,001	8,981	7,489	1,493
June	83	1,348	-1,265	406	1,436	-1,030	2,361	8,733	7,402	1,331
July	75	2,053	-1,978	310	2,137	-1,827	1,947	8,261	8,141	120
August	98	2,162	-2,064	380	2,246	-1,866	2,626	8,516	7,755	761
September	80	2,338	-2,258	324	2,446	-2,123	2,236	8,392	8,279	113
October	81	2,237	-2,156	319	2,346	-2,027	3,002	9,772	8,798	975
November	64	1,968	-1,904	458	2,089	-1,632	3,079	9,544	8,096	1,448
December	89	2,406	-2,316	351	2,548	-2,197	2,579	9,359	8,976	383
Total	^b 907	25,197	-24,289	4,470	26,476	-22,006	31,557	^a 108,856	^b 99,305	9,551
1976										
January	60	2,654	-2,594	268	2,791	-2,522	2,012	8,780	9,290	-510
February	85	2,162	-2,077	280	2,302	-2,022	2,474	8,757	8,305	452
March	77	2,619	-2,542	302	2,748	-2,447	1,898	9,845	10,393	-548
April	96	2,644	-2,548	412	2,797	-2,385	2,142	9,847	10,090	-243
May	77	1,993	-1,916	373	2,135	-1,762	2,612	9,985	9,135	850
June	73	2,693	-2,620	404	2,836	-2,432	1,443	9,876	10,865	-990
July	91	2,901	-2,809	347	3,037	-2,689	1,261	9,356	10,784	-1,428
August	75	3,019	-2,944	305	3,165	-2,860	1,221	8,983	10,622	-1,639
September	83	2,812	-2,729	388	2,960	-2,572	1,241	9,264	10,594	-1,331
October	91	2,660	-2,569	407	2,823	-2,416	2,376	10,168	10,208	-40
November	89	2,900	-2,812	379	3,070	-2,691	1,104	9,707	11,294	-1,587
December	110	3,170	-3,060	361	3,333	-2,972	1,921	10,847	11,897	-1,050
Total	^b 998	32,226	-31,228	4,226	33,996	-29,770	21,950	^a 116,794	^b 124,614	-7,820
1977										
January	81	3,366	-3,285	218	3,521	-3,304	1,640	9,148	10,812	-1,664
February	98	3,714	-3,616	268	3,857	-3,589	1,189	9,475	11,874	-2,399
March	101	4,592	-4,491	292	4,775	-4,483	2,127	11,061	13,417	-2,356
April	97	3,334	-3,236	398	3,512	-3,114	1,485	10,549	12,178	-1,630
May	134	2,622	-2,488	432	2,793	-2,360	1,881	10,977	11,457	-479
June	98	4,126	-4,028	398	4,306	-3,908	-78	10,288	14,274	-3,986
July	109	3,752	-3,643	398	3,911	-3,513	741	9,751	12,522	-2,772
August	109	3,504	-3,394	334	3,651	-3,318	-103	9,002	12,423	-3,421
September	134	3,485	-3,351	402	3,721	-3,319	1,092	10,376	12,603	-2,227
October	92	3,450	-3,358	367	3,635	-3,268	12	9,564	12,820	-3,256
November	104	3,490	-3,386	362	3,703	-3,341	485	9,701	12,557	-2,856
December	118	2,935	-2,817	315	3,153	-2,838	787	11,402	13,453	-2,051
Total	1,276	42,368	-41,093	4,184	44,537	-40,354	12,001	^a 123,182	^b 151,534	-28,353
1978										
January	116	3,205	-3,089	189	3,422	-3,233	-665	9,372	13,270	-3,898
February	86	3,296	-3,210	141	3,502	-3,361	-751	9,522	13,634	-4,112
March	119	3,233	-3,114	165	3,431	-3,266	478	12,086	14,874	-2,788
April	138	3,267	-3,130	285	3,514	-3,229	533	12,075	14,770	-2,696
May	113	2,986	-2,874	364	3,234	-2,870	892	12,508	14,486	-1,978
June	121	3,267	-3,146	426	3,472	-3,045	763	12,494	14,776	-2,282
July	119	3,171	-3,052	322	3,377	-3,055	-1,040	10,959	15,055	-4,095
August	139	3,476	-3,336	335	3,675	-3,340	666	11,626	14,300	-2,673
September	157	3,499	-3,342	348	3,699	-3,351	1,247	12,728	14,832	-2,104
October	153	3,290	-3,137	422	3,492	-3,070	875	13,165	15,359	-2,195
November	137	3,332	-3,195	466	3,536	-3,070	1,280	13,682	15,472	-1,791
December	163	3,504	-3,340	418	3,743	-3,325	1,651	13,550	15,224	-1,674
Total	1,561	39,526	-37,965	3,881	42,096	-38,215	8,010	^a 145,847	176,052	-30,205

See footnotes at end of table.

Table 1.6 Merchandise Trade Value, 1974-1992 (Continued)

(Million Dollars)

	Petroleum			Energy			Non-Energy Balance	Total Merchandise		
	Exports	Imports	Balance	Exports	Imports	Balance		Exports	Imports	Balance
1979										
January	138	3,989	-3,851	350	4,228	-3,878	328	12,577	16,127	-3,550
February	120	3,289	-3,169	292	3,527	-3,235	2,097	12,944	14,083	-1,139
March	152	3,712	-3,560	436	3,948	-3,512	3,048	15,607	16,071	-464
April	169	4,046	-3,877	467	4,241	-3,774	1,653	14,277	16,397	-2,120
May	139	3,833	-3,694	471	4,165	-3,694	1,657	14,843	16,879	-2,037
June	157	4,273	-4,116	500	4,528	-4,028	1,602	15,379	17,805	-2,426
July	188	4,817	-4,629	534	5,074	-4,540	1,864	14,749	17,425	-2,676
August	149	5,199	-5,050	501	5,460	-4,960	1,704	15,054	18,309	-3,256
September	151	5,805	-5,654	438	6,084	-5,646	2,312	14,963	18,297	-3,334
October	167	6,275	-6,108	567	6,549	-5,982	3,809	17,305	19,478	-2,173
November	186	5,079	-4,893	522	5,409	-4,888	3,095	17,331	19,124	-1,793
December	196	6,396	-6,200	543	6,783	-6,241	2,948	16,996	20,289	-3,293
Total	1,914	56,715	-54,801	5,621	59,998	-54,377	30,455	^a 186,363	210,285	-23,922
1980										
January	219	6,722	-6,502	481	7,118	-6,637	2,266	16,372	20,743	-4,371
February	187	7,710	-7,523	436	8,152	-7,717	3,584	16,977	21,109	-4,133
March	235	7,109	-6,875	567	7,564	-6,997	5,397	19,694	21,293	-1,599
April	205	6,323	-6,119	631	6,797	-6,166	5,162	19,154	20,158	-1,004
May	250	6,834	-6,584	737	7,150	-6,414	4,343	18,772	20,842	-2,071
June	250	6,942	-6,692	730	7,276	-6,546	4,281	18,682	20,946	-2,265
July	268	5,683	-5,415	707	5,986	-5,279	2,913	17,217	19,583	-2,366
August	205	6,164	-5,959	703	6,461	-5,758	4,574	17,947	19,130	-1,184
September	228	5,971	-5,744	710	6,278	-5,569	3,871	17,835	19,533	-1,698
October	238	6,304	-6,066	755	6,601	-5,845	5,184	19,965	20,626	-661
November	269	5,782	-5,513	785	6,128	-5,343	4,169	18,618	19,793	-1,174
December	280	7,093	-6,814	741	7,413	-6,672	4,718	19,551	21,505	-1,954
Total	2,833	78,637	-75,803	7,982	82,924	-74,942	55,246	^a 225,566	245,262	-19,696
1981										
January	278	7,521	-7,243	620	8,007	-7,387	2,792	17,964	22,559	-4,595
February	324	7,459	-7,135	705	7,939	-7,234	4,969	18,845	21,110	-2,264
March	297	6,063	-5,766	826	6,471	-5,645	7,226	22,929	21,348	1,581
April	286	7,426	-7,141	746	7,831	-7,086	4,850	20,512	22,747	-2,236
May	307	5,718	-5,411	638	6,075	-5,437	3,992	19,989	21,434	-1,446
June	221	6,919	-6,699	614	7,252	-6,638	4,386	20,262	22,514	-2,252
July	298	5,339	-5,041	919	5,687	-4,768	3,010	18,569	20,328	-1,759
August	244	6,518	-6,274	919	6,876	-5,957	1,136	17,767	22,589	-4,821
September	238	6,243	-6,004	958	6,555	-5,596	3,700	18,819	20,715	-1,896
October	423	6,296	-5,873	1,131	6,638	-5,507	1,894	19,897	23,510	-3,614
November	369	6,192	-5,823	1,098	6,608	-5,510	2,051	19,048	22,507	-3,459
December	414	4,966	-4,553	1,106	5,422	-4,316	3,834	19,140	19,622	-482
Total	3,696	76,659	-72,963	10,279	81,360	-71,081	48,814	^a 238,715	260,982	-22,267
1982										
January	636	6,964	-6,328	1,049	7,439	-6,391	1,300	17,515	22,606	-5,091
February	472	4,618	-4,146	1,051	5,107	-4,056	3,429	17,637	18,265	-627
March	578	4,568	-3,990	1,246	5,009	-3,763	3,100	20,161	20,823	-663
April	527	3,922	-3,396	1,190	4,312	-3,122	3,850	18,611	17,882	729
May	517	3,806	-3,289	1,144	4,167	-3,024	1,220	19,001	20,805	-1,804
June	407	5,097	-4,690	1,090	5,427	-4,336	1,941	19,416	21,811	-2,395
July	424	5,526	-5,103	997	5,943	-4,946	2,442	17,259	19,763	-2,504
August	458	6,014	-5,556	955	6,353	-5,398	-1,205	16,265	22,868	-6,603
September	523	4,849	-4,326	1,073	5,201	-4,127	656	16,717	20,188	-3,471
October	554	5,592	-5,038	1,206	5,947	-4,740	796	17,275	21,219	-3,945
November	362	4,554	-4,192	846	5,037	-4,191	884	15,695	19,002	-3,307
December	491	4,948	-4,457	882	5,468	-4,586	2,589	16,724	18,720	-1,996
Total	5,947	60,458	-54,511	12,729	65,409	-52,680	25,170	^a 216,442	243,952	-27,510
1983										
January	650	4,568	-3,918	1,006	5,142	-4,135	191	16,205	20,149	-3,944
February	366	3,085	-2,720	681	3,704	-3,023	971	15,541	17,593	-2,052
March	382	3,338	-2,957	844	3,865	-3,021	1,040	18,330	20,311	-1,981
April	440	3,348	-2,908	873	3,763	-2,891	-205	16,712	19,808	-3,096
May	328	4,703	-4,375	759	5,033	-4,274	-1,425	16,235	21,933	-5,698
June	382	4,393	-4,011	816	4,767	-3,951	-254	17,558	21,763	-4,205
July	280	4,844	-4,564	653	5,164	-4,511	-1,177	15,895	21,584	-5,689
August	376	5,425	-5,049	838	5,703	-4,866	-2,553	15,640	23,059	-7,419
September	334	5,301	-4,968	821	5,571	-4,750	-141	16,845	21,736	-4,891
October	314	5,584	-5,270	777	5,872	-5,095	-2,785	17,251	25,130	-7,879
November	343	4,658	-4,315	681	4,951	-4,270	-2,218	16,817	23,305	-6,488
December	364	3,968	-3,605	752	4,417	-3,665	-502	17,510	21,678	-4,168
Total	4,557	53,217	-48,659	9,500	57,952	-48,452	-3,957	^a 205,639	258,048	-52,409

See footnotes at end of table.

Table 1.6 Merchandise Trade Value, 1974-1992 (Continued)

(Million Dollars)

	Petroleum			Energy			Non-Energy Balance	Total Merchandise		
	Exports	Imports	Balance	Exports	Imports	Balance		Exports	Imports	Balance
1984										
January	279	4,625	-4,346	582	5,089	-4,507	-3,662	16,766	24,934	-8,168
February	228	4,564	-4,336	502	5,006	-4,504	-3,436	17,039	24,979	-7,940
March	423	4,916	-4,493	790	5,323	-4,533	-3,800	19,359	27,692	-8,333
April	302	5,324	-5,022	759	5,629	-4,870	-3,790	17,900	26,560	-8,660
May	436	4,357	-3,921	901	4,696	-3,795	-6,509	19,009	29,313	-10,304
June	417	4,891	-4,473	872	5,206	-4,335	-5,557	18,734	28,626	-9,891
July	281	5,167	-4,886	765	5,434	-4,669	-6,270	17,657	28,597	-10,940
August	409	4,632	-4,222	878	4,886	-4,008	-6,107	18,219	28,335	-10,116
September	331	4,403	-4,072	820	4,663	-3,844	-5,092	17,412	26,348	-8,936
October	350	4,906	-4,556	757	5,168	-4,411	-7,321	18,737	30,469	-11,732
November	442	4,913	-4,472	712	5,207	-4,495	-5,881	18,630	29,006	-10,376
December	571	4,228	-3,657	973	4,672	-3,699	-2,864	19,261	25,824	-6,563
Total	4,470	56,924	-52,454	9,311	60,980	-51,669	-55,033	^a 223,976	^b 330,678	-106,703
1985										
January	438	4,094	-3,656	804	4,434	-3,630	-6,200	17,428	27,258	-9,830
February	421	3,611	-3,191	786	3,989	-3,203	-3,151	17,846	24,200	-6,354
March	375	3,013	-2,638	754	3,351	-2,597	-4,267	19,765	26,629	-6,864
April	328	4,502	-4,174	738	4,876	-4,137	-6,108	17,984	28,230	-10,246
May	333	4,463	-4,131	837	4,748	-3,911	-6,819	18,915	29,645	-10,730
June	272	4,808	-4,536	708	5,088	-4,380	-4,959	18,068	27,407	-9,339
July	326	3,888	-3,562	760	4,146	-3,387	-9,114	16,553	29,054	-12,501
August	374	3,717	-3,343	934	3,937	-3,003	-7,435	16,401	26,840	-10,439
September	420	4,371	-3,950	868	4,597	-3,729	-6,644	16,790	27,163	-10,373
October	427	4,461	-4,034	903	4,699	-3,796	-9,009	17,868	30,673	-12,805
November	519	4,584	-4,066	991	4,824	-3,833	-7,622	17,743	29,198	-11,455
December	474	4,962	-4,488	888	5,228	-4,340	-8,485	17,417	30,242	-12,825
Total	4,707	50,475	-45,768	9,971	53,917	-43,946	-73,765	^a 218,815	^b 336,526	-117,712
1986										
January	483	5,034	-4,551	812	5,344	-4,532	-7,634	17,605	29,771	-12,166
February	368	3,609	-3,241	676	3,874	-3,199	-5,829	18,053	27,080	-9,028
March	295	3,113	-2,817	622	3,331	-2,709	-7,252	19,427	29,388	-9,961
April	349	1,999	-1,650	791	2,176	-1,385	-10,233	19,039	30,657	-11,618
May	296	2,567	-2,271	728	2,700	-1,972	-8,734	19,471	30,177	-10,706
June	209	3,046	-2,838	584	3,185	-2,601	-7,612	20,497	30,709	-10,213
July	243	2,794	-2,551	653	2,933	-2,281	-10,775	18,829	31,885	-13,056
August	256	2,376	-2,120	661	2,511	-1,850	-10,307	17,323	29,480	-12,156
September	254	2,794	-2,540	657	2,933	-2,276	-10,868	17,785	30,929	-13,144
October	303	2,507	-2,204	670	2,662	-1,992	-10,477	20,357	32,827	-12,470
November	292	2,801	-2,509	641	3,014	-2,373	-10,767	19,355	32,495	-13,141
December	292	2,503	-2,211	620	2,647	-2,027	-8,596	19,417	30,040	-10,623
Total	3,640	35,142	-31,503	8,115	37,310	-29,195	-109,084	227,159	365,438	-138,279
1987										
January	322	2,390	-2,068	573	2,564	-1,991	-11,462	17,346	30,799	-13,453
February	329	3,170	-2,841	564	3,440	-2,876	-8,081	18,854	29,810	-10,956
March	290	3,014	-2,724	620	3,120	-2,500	-8,129	21,836	32,464	-10,629
April	330	2,832	-2,502	633	2,979	-2,346	-9,267	20,678	32,291	-11,613
May	310	3,287	-2,977	623	3,425	-2,802	-9,608	20,760	33,170	-12,411
June	322	3,815	-3,493	654	3,895	-3,241	-10,481	21,637	35,358	-13,721
July	296	4,410	-4,114	605	4,593	-3,988	-10,443	21,379	35,810	-14,431
August	311	4,461	-4,150	675	4,582	-3,907	-9,840	20,079	33,826	-13,747
September	327	3,710	-3,383	659	3,830	-3,171	-9,313	21,184	33,668	-12,484
October	323	4,082	-3,759	630	4,240	-3,610	-11,688	22,778	38,076	-15,298
November	327	3,774	-3,448	660	3,904	-3,244	-8,688	23,279	35,211	-11,932
December	436	3,341	-2,905	817	3,612	-2,795	-8,650	24,314	35,759	-11,444
Total	3,922	42,285	-38,363	7,713	^b 44,220	-36,506	-115,613	254,122	406,241	-152,119
1988										
January	348	3,309	-2,961	560	3,576	-3,016	-6,858	23,162	33,035	-9,874
February	313	3,529	-3,216	548	3,795	-3,247	-7,931	24,316	35,494	-11,179
March	285	3,023	-2,737	645	3,190	-2,545	-5,111	29,343	36,999	-7,656
April	268	3,119	-2,851	678	3,281	-2,602	-5,631	26,728	34,961	-8,233
May	370	3,625	-3,256	763	3,800	-3,037	-4,878	28,193	36,108	-7,915
June	354	3,366	-3,013	728	3,525	-2,797	-8,941	26,803	38,541	-11,738
July	282	3,138	-2,856	677	3,293	-2,616	-7,595	25,186	35,397	-10,211
August	309	3,457	-3,148	731	3,636	-2,906	-8,101	26,539	37,545	-11,006
September	230	2,993	-2,763	691	3,124	-2,433	-6,804	27,067	36,304	-9,237
October	241	2,933	-2,692	676	3,072	-2,396	-7,855	28,544	38,795	-10,251
November	257	2,958	-2,701	674	3,162	-2,488	-8,336	27,565	38,389	-10,824
December	437	3,339	-2,901	863	3,605	-2,742	-7,660	28,982	39,384	-10,402
Total	3,693	38,787	-35,094	8,235	^b 41,042	^R -32,806	-85,720	322,426	440,952	-118,526

See footnotes at end of table.

Table 1.6 Merchandise Trade Value, 1974-1992 (Continued)

(Million Dollars)

	Petroleum			Energy			Non-Energy Balance	Total Merchandise		
	Exports	Imports	Balance	Exports	Imports	Balance		Exports	Imports	Balance
1989										
January	403	3,505	-3,102	678	3,816	-3,138	-5,501	27,541	36,179	-8,639
February	337	3,276	-2,938	673	3,567	-2,894	-5,728	27,927	36,549	-8,622
March	372	3,751	-3,379	783	4,024	-3,241	-3,712	33,243	40,197	-6,954
April	384	4,170	-3,786	814	4,392	-3,578	-3,613	31,052	38,243	-7,191
May	435	4,789	-4,354	905	5,057	-4,152	-5,311	31,496	40,959	-9,463
June	413	4,275	-3,862	854	4,523	-3,670	-5,054	31,820	40,544	-8,724
July	384	4,397	-4,013	676	4,629	-3,953	-6,629	28,708	39,290	-10,582
August	487	4,665	-4,178	865	4,925	-4,060	-6,975	29,406	40,440	-11,034
September	407	3,846	-3,439	852	4,074	-3,222	-5,749	29,710	38,680	-8,971
October	411	4,519	-4,108	853	4,757	-3,904	-7,876	31,756	43,536	-11,780
November	523	4,387	-3,864	990	4,616	-3,626	-7,128	30,279	41,033	-10,754
December	466	4,125	-3,660	885	4,430	-3,545	-3,142	30,874	37,561	-6,687
Total	5,021	49,704	-44,683	b 9,869	b 52,779	-42,910	-66,490	363,812	473,211	-109,399
1990										
January	486	5,923	-5,437	881	6,171	-5,290	-4,349	30,664	40,304	-9,640
February	436	4,704	-4,269	781	4,938	-4,157	-1,993	30,962	37,112	-6,150
March	514	4,867	-4,352	976	5,205	-4,229	-2,140	35,971	42,339	-6,369
April	392	3,970	-3,578	828	4,101	-3,274	-3,327	32,617	39,217	-6,600
May	390	4,650	-4,259	872	4,913	-4,041	-3,339	33,539	40,918	-7,380
June	388	4,062	-3,674	866	4,286	-3,420	-3,138	34,470	41,028	-6,558
July	385	4,238	-3,853	837	4,482	-3,645	-7,234	30,736	41,615	-10,879
August	568	5,380	-4,812	1,055	5,601	-4,546	-6,039	31,723	42,309	-10,586
September	682	5,797	-5,115	1,175	6,050	-4,875	-4,375	31,444	40,695	-9,251
October	893	6,331	-5,438	1,332	6,659	-5,327	-6,858	35,310	47,495	-12,184
November	961	6,371	-5,410	1,426	6,673	-5,247	-5,377	33,267	43,891	-10,624
December	807	5,292	-4,485	1,204	5,581	-4,377	-1,900	32,889	39,166	-6,277
Total	6,901	61,583	-54,682	12,233	64,661	-52,428	-50,068	393,592	496,088	-102,496
1991										
January	881	5,361	-4,480	1,188	5,698	-4,509	-2,569	33,165	40,244	-7,079
February	928	3,741	-2,813	1,327	4,032	-2,705	-1,496	32,775	36,976	-4,201
March	565	3,729	-3,164	951	4,003	-3,051	1,163	36,820	38,708	-1,889
April	397	4,030	-3,633	748	4,286	-3,538	128	36,137	39,548	-3,411
May	562	4,699	-4,137	1,031	4,957	-3,926	-231	36,024	40,181	-4,158
June	506	4,177	-3,671	936	4,408	-3,473	-476	35,480	39,428	-3,948
July	513	4,133	-3,620	987	4,388	-3,401	-4,493	33,444	41,338	-7,894
August	495	4,641	-4,146	998	4,876	-3,879	-3,571	33,633	41,082	-7,450
September	415	4,475	-4,060	884	4,723	-3,839	-3,271	34,391	41,502	-7,111
October	584	4,226	-3,642	1,031	4,533	-3,502	-5,232	37,897	46,631	-8,735
November	488	4,112	-3,623	943	4,399	-3,456	-1,486	36,970	41,911	-4,942
December	620	4,028	-3,408	1,058	4,326	-3,268	-2,640	34,996	40,904	-5,908
Total	6,954	51,350	-44,396	12,081	54,629	-42,548	-24,175	421,730	488,453	-66,723
1992										
January	602	3,683	-3,082	1,007	4,016	-3,009	-2,461	34,514	39,984	-5,470
February	454	3,165	-2,711	879	3,452	-2,573	396	36,898	39,075	-2,178
March	419	3,477	-3,058	831	3,762	-2,931	-596	39,817	43,344	-3,527
April	511	3,931	-3,420	932	4,215	-3,283	-2,489	37,154	42,925	-5,772
May	535	4,274	-3,738	968	4,573	-3,605	-1,804	36,737	42,146	-5,409
June	548	4,713	-4,165	958	5,007	-4,049	-2,669	39,094	45,812	-6,718
July	654	4,912	-4,258	1,067	5,222	-4,155	-5,738	35,979	45,872	-9,893
August	503	4,702	-4,199	867	5,034	-4,167	-6,051	34,838	45,055	-10,218
September	428	4,680	-4,252	839	5,026	-4,187	-5,506	36,811	46,503	-9,693
October	506	5,047	-4,541	874	5,456	-4,582	-5,124	40,115	49,820	-9,706
November	550	4,462	-3,912	940	4,873	-3,933	-4,711	37,670	46,314	-8,644
December	700	4,172	-3,471	1,093	4,621	-3,529	-3,747	38,537	45,813	-7,276
Total	6,412	51,217	-44,805	11,254	55,256	-44,002	-40,500	448,164	532,665	-84,501

^a Annual value is not equal to the sum of the months because undocumented exports to Canada are not included in the individual months.

^b Annual value is not equal to the sum of the months because some monthly revisions are not available for publication.

R=Revised data.

Notes: • Monthly data are not adjusted for seasonal variations. • See

Note 5 at end of section. • Totals may not equal sum of components due to independent rounding. • The U.S. import statistics reflect both government and nongovernment imports of merchandise from foreign countries into the U.S. customs territory, which comprises the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands.

Sources: See end of section.

Table 1.7 Cost of Fuels to End Users in Constant (1982-84) Dollars, 1973-1992

	Consumer Price Index (Urban) ^a	Motor Gasoline (All Types)		Residential Heating Oil		Residential Natural Gas		Residential Electricity	
	Index 1982-1984=100	Cents per Gallon	Dollars per Million Btu	Cents per Gallon	Dollars per Million Btu	Cents per Thousand Cubic Feet	Dollars per Million Btu	Cents per Kilowattour	Dollars per Million Btu
1973									
January	42.6	NA	NA	NA	NA	NA	NA	NA	NA
February	42.9	NA	NA	NA	NA	NA	NA	NA	NA
March	43.3	NA	NA	NA	NA	NA	NA	NA	NA
April	43.6	NA	NA	NA	NA	NA	NA	NA	NA
May	43.9	NA	NA	NA	NA	NA	NA	NA	NA
June	44.2	NA	NA	NA	NA	NA	NA	NA	NA
July	44.3	NA	NA	NA	NA	NA	NA	NA	NA
August	45.1	NA	NA	NA	NA	NA	NA	NA	NA
September	45.2	NA	NA	NA	NA	NA	NA	NA	NA
October	45.6	NA	NA	NA	NA	NA	NA	NA	NA
November	45.9	NA	NA	NA	NA	NA	NA	NA	NA
December	46.2	NA	NA	NA	NA	NA	NA	NA	NA
Average	44.4	NA	NA	NA	NA	290.5	2.85	5.6	16.50
1974									
January	46.6	NA	NA	NA	NA	NA	NA	NA	NA
February	47.2	NA	NA	NA	NA	NA	NA	NA	NA
March	47.8	NA	NA	NA	NA	NA	NA	NA	NA
April	48.0	NA	NA	NA	NA	NA	NA	NA	NA
May	48.6	NA	NA	NA	NA	NA	NA	NA	NA
June	49.0	NA	NA	NA	NA	NA	NA	NA	NA
July	49.4	NA	NA	NA	NA	NA	NA	NA	NA
August	50.0	NA	NA	NA	NA	NA	NA	NA	NA
September	50.6	NA	NA	NA	NA	NA	NA	NA	NA
October	51.1	NA	NA	NA	NA	NA	NA	NA	NA
November	51.5	NA	NA	NA	NA	NA	NA	NA	NA
December	51.9	NA	NA	NA	NA	NA	NA	NA	NA
Average	49.3	NA	NA	NA	NA	290.1	2.83	6.3	18.43
1975									
January	52.1	NA	NA	NA	NA	NA	NA	NA	NA
February	52.5	NA	NA	NA	NA	NA	NA	NA	NA
March	52.7	NA	NA	NA	NA	NA	NA	NA	NA
April	52.9	NA	NA	NA	NA	NA	NA	NA	NA
May	53.2	NA	NA	NA	NA	NA	NA	NA	NA
June	53.6	NA	NA	NA	NA	NA	NA	NA	NA
July	54.2	NA	NA	NA	NA	NA	NA	NA	NA
August	54.3	NA	NA	NA	NA	NA	NA	NA	NA
September	54.6	NA	NA	NA	NA	NA	NA	NA	NA
October	54.9	NA	NA	NA	NA	NA	NA	NA	NA
November	55.3	NA	NA	NA	NA	NA	NA	NA	NA
December	55.5	NA	NA	NA	NA	NA	NA	NA	NA
Average	53.8	NA	NA	NA	NA	317.8	3.12	6.5	19.07
1976									
January	55.6	NA	NA	NA	NA	NA	NA	NA	NA
February	55.8	NA	NA	NA	NA	NA	NA	NA	NA
March	55.9	NA	NA	NA	NA	NA	NA	NA	NA
April	56.1	NA	NA	NA	NA	NA	NA	NA	NA
May	56.5	NA	NA	NA	NA	NA	NA	NA	NA
June	56.8	NA	NA	NA	NA	NA	NA	NA	NA
July	57.1	NA	NA	NA	NA	NA	NA	6.8	20.02
August	57.4	NA	NA	NA	NA	NA	NA	6.5	18.89
September	57.6	NA	NA	NA	NA	NA	NA	6.6	19.34
October	57.9	NA	NA	NA	NA	NA	NA	6.7	19.74
November	58.0	NA	NA	NA	NA	NA	NA	6.6	19.20
December	58.2	NA	NA	NA	NA	NA	NA	6.2	18.13
Average	56.9	NA	NA	NA	NA	348.0	3.41	6.5	19.06
1977									
January	58.5	NA	NA	NA	NA	NA	NA	6.2	18.04
February	59.1	NA	NA	NA	NA	NA	NA	6.3	18.35
March	59.5	NA	NA	NA	NA	NA	NA	6.7	19.70
April	60.0	NA	NA	NA	NA	NA	NA	6.8	20.03
May	60.3	NA	NA	NA	NA	NA	NA	7.0	20.41
June	60.7	NA	NA	NA	NA	NA	NA	6.9	20.28
July	61.0	NA	NA	NA	NA	NA	NA	6.9	20.18
August	61.2	NA	NA	NA	NA	NA	NA	7.2	21.07
September	61.4	NA	NA	NA	NA	NA	NA	7.0	20.53
October	61.6	NA	NA	NA	NA	NA	NA	7.0	20.46
November	61.9	NA	NA	NA	NA	NA	NA	6.8	19.89
December	62.1	NA	NA	NA	NA	NA	NA	6.4	18.88
Average	60.6	NA	NA	NA	NA	387.8	3.81	6.8	19.83

See footnotes at end of table.

**Table 1.7 Cost of Fuels to End Users in Constant (1982-84) Dollars, 1973-1992
(Continued)**

	Consumer Price Index (Urban) ^a	Motor Gasoline (All Types)		Residential Heating Oil		Residential Natural Gas		Residential Electricity	
	Index 1982-1984=100	Cents per Gallon	Dollars per Million Btu	Cents per Gallon	Dollars per Million Btu	Cents per Thousand Cubic Feet	Dollars per Million Btu	Cents per Kilowatt-hour	Dollars per Million Btu
1978									
January	62.5	101.0	8.07	NA	NA	NA	NA	6.2	18.29
February	62.9	100.0	8.00	NA	NA	NA	NA	6.2	18.17
March	63.4	99.2	7.93	NA	NA	NA	NA	6.5	18.95
April	63.9	98.7	7.90	NA	NA	NA	NA	6.7	19.72
May	64.5	98.8	7.90	NA	NA	NA	NA	7.0	20.45
June	65.2	98.9	7.91	NA	NA	NA	NA	6.9	20.23
July	65.7	99.7	7.97	NA	NA	NA	NA	6.9	20.07
August	66.0	100.5	8.03	NA	NA	NA	NA	6.8	19.98
September	66.5	100.6	8.04	NA	NA	NA	NA	6.8	19.83
October	67.1	100.0	8.00	NA	NA	NA	NA	6.7	19.66
November	67.4	100.3	8.02	NA	NA	NA	NA	6.5	19.13
December	67.7	101.2	8.09	NA	NA	NA	NA	6.2	18.18
Average	65.2	100.0	8.00	75.2	5.42	392.6	3.86	6.6	19.33
1979									
January	68.3	101.8	8.14	NA	NA	NA	NA	6.0	17.59
February	69.1	102.3	8.18	NA	NA	NA	NA	5.9	17.39
March	69.8	105.0	8.40	NA	NA	NA	NA	6.2	18.06
April	70.6	110.5	8.83	NA	NA	NA	NA	6.4	18.68
May	71.5	115.1	9.20	NA	NA	NA	NA	6.6	19.27
June	72.3	121.7	9.73	NA	NA	NA	NA	6.8	19.86
July	73.1	127.2	10.17	NA	NA	NA	NA	6.7	19.65
August	73.8	131.0	10.48	NA	NA	NA	NA	6.6	19.46
September	74.6	133.8	10.70	NA	NA	NA	NA	6.7	19.64
October	75.2	133.8	10.70	NA	NA	NA	NA	6.7	19.49
November	75.9	134.3	10.73	NA	NA	NA	NA	6.3	18.53
December	76.7	135.9	10.86	NA	NA	NA	NA	6.1	17.96
Average	72.6	121.5	9.71	97.0	6.99	410.5	4.03	6.3	18.57
1980									
January	77.8	142.7	11.41	NA	NA	NA	NA	6.0	17.71
February	78.9	150.3	12.02	NA	NA	NA	NA	6.0	17.46
March	80.1	153.6	12.28	NA	NA	NA	NA	6.1	17.93
April	81.0	153.3	12.26	NA	NA	NA	NA	6.3	18.45
May	81.8	152.1	12.16	NA	NA	NA	NA	6.6	19.35
June	82.7	150.7	12.05	NA	NA	NA	NA	6.8	19.85
July	82.7	150.8	12.06	NA	NA	NA	NA	6.9	20.20
August	83.3	149.2	11.93	NA	NA	NA	NA	6.8	20.05
September	84.0	146.5	11.72	NA	NA	NA	NA	6.8	19.89
October	84.8	144.2	11.53	NA	NA	NA	NA	6.7	19.70
November	85.5	142.9	11.43	NA	NA	NA	NA	6.6	19.20
December	86.3	142.6	11.40	NA	NA	NA	NA	6.4	18.68
Average	82.4	148.2	11.85	118.2	8.52	446.6	4.36	6.6	19.21
1981									
January	87.0	145.9	11.66	NA	NA	452.9	4.42	7.1	20.89
February	87.9	153.9	12.31	NA	NA	453.9	4.43	7.3	21.34
March	88.5	156.8	12.54	NA	NA	458.8	4.48	7.5	21.86
April	89.1	155.0	12.39	NA	NA	461.3	4.50	7.5	22.04
May	89.8	152.6	12.20	NA	NA	477.7	4.66	7.7	22.52
June	90.6	150.3	12.02	NA	NA	474.6	4.63	7.8	22.97
July	91.6	147.7	11.81	NA	NA	471.6	4.60	7.9	23.04
August	92.3	146.0	11.68	NA	NA	465.9	4.55	7.8	22.86
September	93.2	145.7	11.65	NA	NA	479.6	4.68	7.7	22.64
October	93.4	144.9	11.58	NA	NA	481.8	4.70	7.7	22.59
November	93.7	144.2	11.53	NA	NA	483.5	4.72	7.4	21.58
December	94.0	143.4	11.47	NA	NA	484.0	4.72	7.1	20.89
Average	90.9	148.8	11.90	131.4	9.47	471.9	4.60	6.8	19.99
1982									
January	94.3	142.2	11.37	127.9	9.22	493.1	4.81	7.1	20.82
February	94.6	139.3	11.14	126.0	9.09	495.8	4.83	7.1	20.76
March	94.5	134.2	10.73	120.5	8.69	505.8	4.93	7.3	21.40
April	94.9	127.5	10.19	117.7	8.49	512.1	4.99	7.3	21.31
May	95.8	127.8	10.22	118.0	8.50	539.7	5.26	7.5	22.03
June	97.0	133.6	10.68	118.4	8.53	536.1	5.22	7.6	22.36
July	97.5	135.2	10.81	117.3	8.46	536.4	5.23	7.7	22.54
August	97.7	134.1	10.72	117.1	8.44	535.3	5.22	7.7	22.50
September	97.9	132.0	10.55	116.1	8.37	552.6	5.39	7.8	22.75
October	98.2	130.3	10.42	120.4	8.68	576.4	5.62	7.6	22.38
November	98.0	129.4	10.35	122.6	8.84	579.6	5.65	7.5	21.83
December	97.6	127.5	10.19	121.1	8.73	588.1	5.73	7.2	21.02
Average	96.5	132.7	10.61	120.2	8.67	535.8	5.22	7.2	20.96

See footnotes at end of table.

**Table 1.7 Cost of Fuels to End Users in Constant (1982-84) Dollars, 1973-1992
(Continued)**

	Consumer Price Index (Urban) ^a	Motor Gasoline (All Types)		Residential Heating Oil		Residential Natural Gas		Residential Electricity	
	Index 1982-1984=100	Cents per Gallon	Dollars per Million Btu	Cents per Gallon	Dollars per Million Btu	Cents per Thousand Cubic Feet	Dollars per Million Btu	Cents per Kilowatt-hour	Dollars per Million Btu
1983									
January	97.8	124.1	9.92	117.6	8.48	599.2	5.81	7.0	20.38
February	97.9	119.5	9.56	114.0	8.22	599.6	5.82	7.2	20.96
March	97.9	115.9	9.27	107.4	7.74	612.9	5.94	7.4	21.55
April	98.6	121.5	9.71	105.0	7.57	614.6	5.96	7.4	21.70
May	99.2	125.3	10.02	105.6	7.62	627.0	6.08	7.7	22.45
June	99.5	126.7	10.13	106.5	7.68	623.1	6.04	7.9	23.27
July	99.9	127.3	10.18	105.1	7.58	621.6	6.03	8.0	23.47
August	100.2	126.6	10.13	104.7	7.55	616.8	5.98	8.1	23.69
September	100.7	124.8	9.98	105.0	7.57	614.7	5.96	8.0	23.57
October	101.0	122.7	9.81	105.0	7.57	663.4	6.43	7.9	23.21
November	101.2	120.9	9.67	104.7	7.55	622.5	6.04	7.5	22.01
December	101.3	119.9	9.59	105.3	7.59	586.4	5.69	7.2	21.12
Average	99.6	123.0	9.83	108.2	7.80	608.4	5.90	7.2	21.19
1984									
January	101.9	117.8	9.42	109.9	7.92	567.2	5.51	7.2	21.00
February	102.4	116.5	9.31	114.2	8.23	570.3	5.54	7.0	20.61
March	102.6	116.4	9.30	108.5	7.82	577.0	5.60	7.3	21.42
April	103.1	117.5	9.39	106.5	7.68	578.1	5.61	7.5	21.89
May	103.4	118.1	9.44	104.8	7.56	606.4	5.89	7.7	22.68
June	103.7	117.1	9.36	103.4	7.45	651.9	6.33	7.9	23.18
July	104.1	115.0	9.19	100.7	7.26	683.0	6.63	7.9	23.09
August	104.5	113.3	9.06	98.9	7.13	691.9	6.72	7.9	23.00
September	105.0	113.2	9.05	98.7	7.11	682.9	6.63	7.8	22.89
October	105.3	113.5	9.07	99.6	7.18	645.8	6.27	7.7	22.54
November	105.3	113.3	9.06	100.0	7.21	599.2	5.82	7.3	21.43
December	105.3	112.0	8.95	99.5	7.18	574.5	5.58	7.0	20.60
Average	103.9	115.3	9.22	105.0	7.57	589.0	5.72	7.2	21.16
1985									
January	105.5	108.5	8.68	99.4	7.17	565.9	5.49	6.9	20.22
February	106.0	106.4	8.51	99.4	7.17	552.8	5.36	6.8	19.88
March	106.4	108.6	8.68	98.7	7.12	563.0	5.46	7.0	20.60
April	106.9	112.2	8.97	98.5	7.10	571.6	5.54	7.2	21.19
May	107.3	114.0	9.11	96.6	6.96	614.2	5.96	7.4	21.80
June	107.6	114.6	9.16	93.6	6.75	646.8	6.27	7.6	22.20
July	107.8	114.4	9.15	90.9	6.55	655.8	6.36	7.6	22.40
August	108.0	113.1	9.05	90.1	6.50	667.6	6.48	7.6	22.20
September	108.3	111.6	8.93	92.0	6.63	651.9	6.32	7.6	22.14
October	108.7	110.2	8.81	94.8	6.83	598.0	5.80	7.4	21.70
November	109.0	110.2	8.81	99.6	7.18	562.4	5.45	7.1	20.78
December	109.3	110.1	8.80	101.1	7.29	521.5	5.06	6.8	19.95
Average	107.6	111.2	8.89	97.9	7.06	568.8	5.52	7.2	21.25
1986									
January	109.6	108.6	8.68	97.1	7.00	513.7	4.99	6.3	18.45
February	109.3	102.4	8.19	87.6	6.32	518.8	5.04	6.5	19.04
March	108.8	90.3	7.22	81.5	5.88	524.8	5.10	6.6	19.40
April	108.6	82.4	6.59	74.8	5.39	542.4	5.27	6.8	19.97
May	108.9	85.1	6.81	71.1	5.12	567.5	5.51	6.9	20.18
June	109.5	87.5	7.00	66.5	4.79	609.1	5.92	7.0	20.61
July	109.5	81.7	6.54	61.2	4.41	624.7	6.07	7.1	20.88
August	109.7	77.3	6.18	60.4	4.36	632.6	6.15	7.0	20.57
September	110.2	78.4	6.27	61.8	4.46	619.8	6.02	7.0	20.48
October	110.3	75.9	6.07	61.1	4.41	578.4	5.62	6.8	19.93
November	110.4	74.9	5.99	61.8	4.45	512.7	4.98	6.7	19.65
December	110.5	75.1	6.01	63.9	4.61	477.8	4.64	6.3	18.57
Average	109.6	84.9	6.79	76.3	5.50	531.9	5.17	6.8	19.79
1987									
January	111.2	78.1	6.24	70.6	5.09	476.6	4.62	6.2	18.19
February	111.6	81.6	6.53	71.6	5.16	478.5	4.64	6.3	18.38
March	112.1	81.9	6.55	70.6	5.09	478.1	4.64	6.3	18.56
April	112.7	83.4	6.67	69.8	5.04	484.5	4.70	6.5	18.98
May	113.1	83.8	6.70	69.5	5.01	528.7	5.13	6.6	19.44
June	113.5	85.1	6.80	68.5	4.94	577.1	5.60	6.9	20.14
July	113.8	86.1	6.89	69.2	4.99	595.8	5.78	6.9	20.09
August	114.4	87.8	7.02	68.9	4.97	597.9	5.80	6.8	19.98
September	115.0	87.0	6.95	68.6	4.95	577.4	5.60	6.7	19.62
October	115.3	85.7	6.85	70.4	5.08	507.4	4.92	6.6	19.32
November	115.4	85.5	6.84	72.4	5.22	469.7	4.56	6.4	18.79
December	115.4	84.5	6.76	72.8	5.25	444.5	4.31	6.2	18.03
Average	113.6	84.2	6.74	70.7	5.10	487.7	4.73	6.5	19.09

See footnotes at end of table.

**Table 1.7 Cost of Fuels to End Users in Constant (1982-84) Dollars, 1973-1992
(Continued)**

	Consumer Price Index (Urban) ^a	Motor Gasoline (All Types)		Residential Heating Oil		Residential Natural Gas		Residential Electricity	
	Index 1982-1984=100	Cents per Gallon	Dollars per Million Btu	Cents per Gallon	Dollars per Million Btu	Cents per Thousand Cubic Feet	Dollars per Million Btu	Cents per Kilowatt-hour	Dollars per Million Btu
1988									
January	115.7	81.8	6.54	73.2	5.28	439.1	4.27	6.0	17.48
February	116.0	80.0	6.40	72.3	5.22	438.8	4.26	6.0	17.69
March	116.5	79.0	6.31	71.3	5.14	444.6	4.32	6.1	17.86
April	117.1	80.8	6.46	71.0	5.12	456.9	4.44	6.2	18.27
May	117.5	82.6	6.60	69.7	5.03	499.6	4.85	6.5	18.96
June	118.0	82.3	6.58	67.0	4.83	550.8	5.35	6.6	19.37
July	118.5	83.0	6.64	64.7	4.67	568.8	5.53	6.7	19.54
August	119.0	84.4	6.75	61.9	4.47	581.5	5.65	6.6	19.46
September	119.8	82.8	6.62	63.4	4.57	566.8	5.51	6.5	19.08
October	120.2	81.2	6.49	62.8	4.53	495.0	4.81	6.4	18.77
November	120.3	80.8	6.46	64.2	4.63	462.2	4.49	6.2	18.27
December	120.5	79.1	6.32	67.6	4.87	447.3	4.35	6.1	17.76
Average	118.3	81.4	6.51	68.7	4.96	462.4	4.49	6.3	18.58
1989									
January	121.1	78.0	6.23	70.1	5.05	446.7	4.33	6.0	17.43
February	121.6	78.5	6.28	70.3	5.07	442.4	4.29	5.9	17.35
March	122.3	79.6	6.37	71.2	5.14	445.6	4.32	5.9	17.25
April	123.1	89.2	7.13	71.3	5.14	450.0	4.37	6.1	17.86
May	123.8	93.1	7.44	70.0	5.04	479.0	4.65	6.2	18.23
June	124.1	92.7	7.41	67.8	4.89	530.2	5.14	6.5	18.89
July	124.4	91.0	7.28	66.0	4.76	556.3	5.40	6.5	19.08
August	124.6	88.0	7.03	65.4	4.72	567.4	5.50	6.5	19.05
September	125.0	85.8	6.86	65.2	4.70	544.0	5.28	6.4	18.76
October	125.6	85.3	6.82	68.2	4.91	482.5	4.68	6.3	18.43
November	125.9	83.1	6.64	70.1	5.06	441.6	4.28	6.0	17.46
December	126.1	81.7	6.53	85.3	6.15	420.3	4.08	5.8	16.97
Average	124.0	85.5	6.83	72.6	5.23	454.8	4.41	6.1	17.96
1990									
January	127.4	85.6	6.84	89.5	6.45	426.2	4.14	5.7	16.56
February	128.0	84.8	6.78	75.4	5.44	441.4	4.29	5.9	17.17
March	128.7	83.6	6.68	73.7	5.32	435.1	4.22	5.9	17.31
April	128.9	85.0	6.80	72.3	5.21	437.5	4.25	6.0	17.51
May	129.2	86.2	6.89	70.2	5.06	464.4	4.51	6.2	18.15
June	129.9	87.8	7.02	66.5	4.80	505.0	4.90	6.2	18.28
July	130.4	87.3	6.98	64.2	4.63	539.9	5.24	6.3	18.43
August	131.6	94.7	7.57	75.1	5.41	538.0	5.22	6.3	18.48
September	132.7	101.5	8.12	86.1	6.21	520.0	5.05	6.2	18.11
October	133.5	107.2	8.57	94.2	6.79	459.9	4.47	6.1	17.78
November	133.8	107.0	8.56	92.8	6.69	425.3	4.13	5.8	17.09
December	133.8	105.4	8.43	89.5	6.45	420.0	4.08	5.7	16.65
Average	130.7	93.1	7.44	81.3	5.86	443.8	4.31	6.0	17.49
1991									
January	134.6	96.9	7.75	87.0	6.27	411.6	3.99	5.5	16.11
February	134.8	88.9	7.11	82.0	5.91	412.5	4.00	5.6	16.52
March	135.0	84.3	6.74	76.0	5.48	414.8	4.02	5.8	16.93
April	135.2	85.7	6.85	71.7	5.17	436.4	4.23	5.9	17.34
May	135.6	89.2	7.13	68.2	4.92	463.1	4.49	6.1	17.72
June	136.0	89.3	7.14	65.7	4.73	512.5	4.97	6.1	17.89
July	136.2	87.0	6.96	63.6	4.58	530.8	5.15	6.2	18.08
August	136.6	87.6	7.00	63.7	4.59	538.8	5.23	6.2	18.02
September	137.2	87.4	6.99	65.4	4.71	504.4	4.89	6.1	17.94
October	137.4	85.9	6.87	68.4	4.93	451.2	4.38	6.0	17.70
November	137.8	86.6	6.92	71.1	5.13	399.9	3.88	5.8	17.01
December	137.9	85.7	6.85	69.5	5.01	399.6	3.88	5.7	16.58
Average	136.2	87.8	7.02	74.8	5.39	427.3	4.14	6.0	17.43
1992									
January	138.1	82.2	6.57	68.2	4.92	400.4	3.88	5.6	16.34
February	138.6	80.6	6.44	68.0	4.90	399.7	3.88	5.6	16.49
March	139.3	80.5	6.44	66.9	4.82	394.8	3.83	5.7	16.83
April	139.5	81.9	6.55	66.3	4.78	402.9	3.91	5.7	16.81
May	139.7	85.7	6.85	66.1	4.76	440.2	4.27	6.0	17.62
June	140.2	88.4	7.07	65.6	4.73	487.9	4.73	6.1	17.98
July	140.5	88.1	7.05	64.3	4.64	517.4	5.02	6.1	17.94
August	140.9	86.7	6.93	62.9	4.53	528.7	5.13	6.1	17.89
September	141.3	86.5	6.91	63.8	4.60	506.0	4.91	6.1	17.84
October	141.8	86.0	6.87	66.1	4.76	459.8	4.46	6.0	17.57
November	142.0	86.1	6.89	66.8	4.81	423.9	4.11	5.8	16.92
December	141.9	84.6	6.77	66.6	4.80	404.5	3.92	5.6	16.32
Average	140.3	84.8	6.78	66.6	4.80	419.8	4.07	5.8	17.13

^a Consumer Price Index, All Urban Consumers, All Items, 1982-1984 = 100.0.
NA=Not available.
Notes: • Fuel costs are calculated by using the Urban Consumer Price

Index (CPI) developed by the Bureau of Labor Statistics. • Annual averages may not equal average of months due to independent rounding.
• Geographic coverage is the 50 States and the District of Columbia.
Sources: See end of section.

Table 1.8 U.S. Dependence on Petroleum Net Imports, 1973-1992

	Net Imports ^a			Petroleum Products Supplied	Net Imports as Share of U.S. Petroleum Products Supplied		
	From Arab OPEC ^b	From OPEC ^c	From All Countries		From Arab OPEC ^b	From OPEC ^c	From All Countries
	Thousand Barrels per Day				Percent		
1973							
January	NA	NA	5,646	18,713	NA	NA	30.2
February	NA	NA	6,246	19,094	NA	NA	32.7
March	NA	NA	6,386	17,216	NA	NA	37.1
April	NA	NA	5,318	15,921	NA	NA	33.4
May	NA	NA	5,604	16,626	NA	NA	33.7
June	NA	NA	5,675	16,481	NA	NA	34.4
July	NA	NA	5,938	16,372	NA	NA	36.3
August	NA	NA	6,373	17,499	NA	NA	36.4
September	NA	NA	6,168	16,656	NA	NA	37.0
October	NA	NA	6,411	17,202	NA	NA	37.3
November	NA	NA	6,720	18,492	NA	NA	36.3
December	NA	NA	5,828	17,538	NA	NA	33.2
Average	914	2,991	6,025	17,308	5.3	17.3	34.8
1974							
January	NA	NA	5,164	17,286	NA	NA	29.9
February	NA	NA	5,013	17,366	NA	NA	28.9
March	NA	NA	5,078	16,104	NA	NA	31.5
April	NA	NA	5,736	15,929	NA	NA	36.0
May	NA	NA	6,247	15,726	NA	NA	39.7
June	NA	NA	6,122	16,117	NA	NA	38.0
July	NA	NA	6,283	16,349	NA	NA	38.4
August	NA	NA	6,114	16,550	NA	NA	36.9
September	NA	NA	5,881	16,024	NA	NA	36.7
October	NA	NA	5,954	17,050	NA	NA	34.9
November	NA	NA	6,612	17,351	NA	NA	38.1
December	NA	NA	6,436	18,013	NA	NA	35.7
Average	752	3,277	5,892	16,653	4.5	19.7	35.4
1975							
January	NA	NA	6,633	18,004	NA	NA	36.8
February	NA	NA	5,928	17,084	NA	NA	34.7
March	NA	NA	5,517	16,315	NA	NA	33.8
April	NA	NA	4,850	16,048	NA	NA	30.2
May	NA	NA	5,012	15,155	NA	NA	33.1
June	NA	NA	5,182	15,610	NA	NA	33.2
July	NA	NA	5,773	15,740	NA	NA	36.7
August	NA	NA	6,095	15,806	NA	NA	38.6
September	NA	NA	6,599	15,768	NA	NA	41.9
October	NA	NA	6,142	16,377	NA	NA	37.5
November	NA	NA	6,253	15,777	NA	NA	39.6
December	NA	NA	6,164	18,185	NA	NA	33.9
Average	1,382	3,599	5,846	16,322	8.5	22.0	35.8
1976							
January	NA	NA	6,558	18,647	NA	NA	35.2
February	NA	NA	6,471	17,509	NA	NA	37.0
March	NA	NA	6,502	17,302	NA	NA	37.6
April	NA	NA	6,373	16,672	NA	NA	38.2
May	NA	NA	6,144	15,977	NA	NA	38.5
June	NA	NA	7,262	16,825	NA	NA	43.2
July	NA	NA	7,641	16,607	NA	NA	46.0
August	NA	NA	7,162	16,642	NA	NA	43.0
September	NA	NA	7,728	16,837	NA	NA	45.9
October	NA	NA	7,338	17,090	NA	NA	42.9
November	NA	NA	7,712	18,847	NA	NA	40.9
December	NA	NA	8,168	20,560	NA	NA	39.7
Average	2,423	5,063	7,090	17,461	13.9	29.0	40.6
1977							
January	NA	NA	8,711	20,504	NA	NA	42.5
February	NA	NA	9,763	20,482	NA	NA	47.7
March	NA	NA	9,176	18,124	NA	NA	50.6
April	NA	NA	8,499	17,580	NA	NA	48.3
May	NA	NA	8,283	16,972	NA	NA	48.8
June	NA	NA	8,712	18,043	NA	NA	48.3
July	NA	NA	8,842	17,568	NA	NA	50.3
August	NA	NA	8,345	18,012	NA	NA	46.3
September	NA	NA	8,273	17,714	NA	NA	46.7
October	NA	NA	8,109	17,824	NA	NA	45.5
November	NA	NA	7,900	18,437	NA	NA	42.8
December	NA	NA	8,251	20,052	NA	NA	41.1
Average	3,184	6,190	8,565	18,431	17.3	33.6	46.5

See footnotes at end of table.

Table 1.8 U.S. Dependence on Petroleum Net Imports, 1973-1992 (Continued)

	Net Imports ^a			Petroleum Products Supplied	Net Imports as Share of U.S. Petroleum Products Supplied		
	From Arab OPEC ^b	From OPEC ^c	From All Countries		From Arab OPEC ^b	From OPEC ^c	From All Countries
	Thousand Barrels per Day				Percent		
1978							
January	2,968	5,753	8,076	19,752	15.0	29.1	40.9
February	2,821	5,496	7,911	20,900	13.5	26.3	37.9
March	2,902	5,972	8,232	19,652	14.8	30.4	41.9
April	2,829	5,146	7,406	17,747	15.9	29.0	41.7
May	2,444	5,119	7,218	18,230	13.4	28.1	39.6
June	3,027	5,648	7,709	18,260	16.6	30.9	42.2
July	2,830	5,656	7,947	17,633	16.0	32.1	45.1
August	2,924	5,617	7,881	18,639	15.7	30.1	42.3
September	3,183	6,180	8,559	17,954	17.7	34.4	47.7
October	3,033	5,734	7,845	18,417	16.5	31.1	42.6
November	3,291	6,237	8,443	19,156	17.2	32.6	44.1
December	3,291	6,394	8,786	19,944	16.5	32.1	44.1
Average	2,962	5,747	8,002	18,847	15.7	30.5	42.5
1979							
January	3,423	6,063	8,756	20,586	16.6	29.5	42.5
February	3,403	5,806	8,105	21,288	16.0	27.3	38.1
March	2,947	5,750	8,150	19,322	15.3	29.8	42.2
April	3,310	5,399	7,400	17,434	19.0	31.0	42.4
May	3,023	5,444	7,662	17,801	17.0	30.6	43.0
June	3,184	5,502	7,859	17,786	17.9	30.9	44.2
July	3,080	5,675	8,072	17,144	18.0	33.1	47.1
August	3,050	6,088	8,124	18,149	16.8	33.5	44.8
September	2,843	5,439	7,609	17,400	16.3	31.3	43.7
October	3,085	5,734	8,263	18,176	17.0	31.5	45.5
November	2,614	5,308	7,631	18,313	14.3	29.0	41.7
December	2,742	5,374	8,157	18,922	14.5	28.4	43.1
Average	3,056	5,633	7,985	18,513	16.5	30.4	43.1
1980							
January	3,032	5,461	8,048	18,851	16.1	29.0	42.7
February	3,056	5,027	7,386	18,817	16.2	26.7	39.3
March	2,885	4,646	6,879	17,377	16.6	26.7	39.6
April	2,859	4,365	6,672	16,784	17.0	26.0	39.8
May	2,327	4,095	5,987	16,238	14.3	25.2	36.9
June	2,594	4,393	6,240	16,187	16.0	27.1	38.6
July	2,417	3,991	5,727	16,008	15.1	24.9	35.8
August	2,219	3,730	5,873	15,753	14.1	23.7	37.3
September	2,184	3,665	5,682	16,598	13.2	22.1	34.2
October	2,223	3,812	5,781	16,995	13.1	22.4	34.0
November	2,337	3,939	5,859	16,702	14.0	23.6	35.1
December	2,483	4,417	6,272	18,410	13.5	24.0	34.1
Average	2,549	4,293	6,365	17,056	14.9	25.2	37.3
1981							
January	2,215	4,121	6,270	18,430	12.0	22.4	34.0
February	2,059	3,882	6,203	16,989	12.1	22.9	36.5
March	1,905	3,416	5,442	15,907	12.0	21.5	34.2
April	1,864	3,238	5,098	15,350	12.1	21.1	33.2
May	1,792	3,193	5,180	15,353	11.7	20.8	33.7
June	1,700	2,917	5,015	16,095	10.6	18.1	31.2
July	1,754	3,224	5,245	15,682	11.2	20.6	33.4
August	1,763	3,064	5,123	15,263	11.6	20.1	33.6
September	2,062	3,258	5,845	15,655	13.2	20.8	37.3
October	1,817	3,205	5,221	15,822	11.5	20.3	33.0
November	1,723	3,179	5,041	15,593	11.0	20.4	32.3
December	1,498	3,117	5,187	16,596	9.0	18.8	31.3
Average	1,844	3,315	5,401	16,058	11.5	20.6	33.6
1982							
January	1,402	2,852	4,502	16,122	8.7	17.7	27.9
February	1,053	2,284	4,003	16,001	6.6	14.3	25.0
March	857	2,026	3,602	15,560	5.5	13.0	23.1
April	736	1,865	3,593	16,046	4.6	11.6	22.4
May	895	1,826	4,008	14,847	6.0	12.3	27.0
June	817	2,087	4,624	14,998	5.4	13.9	30.8
July	963	2,683	5,149	14,821	6.5	18.1	34.7
August	817	2,090	4,386	14,839	5.5	14.1	29.6
September	674	1,933	4,624	15,022	4.5	12.9	30.8
October	809	2,076	4,374	14,859	5.4	14.0	29.4
November	794	2,227	4,958	15,009	5.3	14.8	33.0
December	415	1,676	3,746	15,487	2.7	10.8	24.2
Average	852	2,136	4,298	15,296	5.6	14.0	28.1

See footnotes at end of table.

Table 1.8 U.S. Dependence on Petroleum Net Imports, 1973-1992 (Continued)

	Net Imports ^a			Petroleum Products Supplied	Net Imports as Share of U.S. Petroleum Products Supplied		
	From Arab OPEC ^b	From OPEC ^c	From All Countries		From Arab OPEC ^b	From OPEC ^c	From All Countries
	Thousand Barrels per Day				Percent		
1983							
January	534	1,406	3,464	14,722	3.6	9.6	23.5
February	337	1,050	2,861	14,792	2.3	7.1	19.3
March	180	1,054	2,889	15,541	1.2	6.8	18.6
April	388	1,420	3,918	14,692	2.6	9.7	26.7
May	418	1,765	4,241	14,505	2.9	12.2	29.2
June	527	1,938	4,552	15,289	3.4	12.7	29.8
July	604	2,213	5,170	15,019	4.0	14.7	34.4
August	902	2,715	5,496	15,480	5.8	17.5	35.5
September	1,080	2,576	5,445	15,506	7.0	16.6	35.1
October	937	2,091	4,682	14,962	6.3	14.0	31.3
November	805	1,889	4,531	15,500	5.2	12.2	29.2
December	824	1,933	4,394	16,726	4.9	11.6	26.3
Average	630	1,843	4,312	15,231	4.1	12.1	28.3
1984							
January	838	1,952	4,855	16,801	5.0	11.6	28.9
February	749	1,886	5,111	15,437	4.9	12.2	33.1
March	720	1,797	4,461	16,050	4.5	11.2	27.8
April	734	1,945	4,717	15,568	4.7	12.5	30.3
May	1,143	2,660	5,212	15,620	7.3	17.0	33.4
June	836	2,217	4,618	15,709	5.3	14.1	29.4
July	945	2,233	4,871	15,498	6.1	14.4	31.4
August	993	2,008	4,312	16,116	6.2	12.5	26.8
September	684	1,998	4,588	15,247	4.5	13.1	30.1
October	753	2,054	5,179	15,616	4.8	13.2	33.2
November	666	1,951	4,733	15,627	4.3	12.5	30.3
December	723	1,732	3,947	15,375	4.7	11.3	25.7
Average	817	2,037	4,715	15,726	5.2	13.0	30.0
1985							
January	302	1,392	3,623	16,109	1.9	8.6	22.5
February	307	1,217	3,056	16,121	1.9	7.5	19.0
March	382	1,488	3,979	15,373	2.5	9.7	25.9
April	573	1,920	4,553	15,472	3.7	12.4	29.4
May	635	1,973	5,071	15,504	4.1	12.7	32.7
June	376	1,674	4,237	15,483	2.4	10.8	27.4
July	286	1,813	4,274	15,434	1.9	11.7	27.7
August	278	1,731	3,969	16,060	1.7	10.8	24.7
September	301	1,797	4,164	15,099	2.0	11.9	27.6
October	518	1,948	4,431	15,944	3.2	12.2	27.8
November	751	2,436	5,080	15,503	4.8	15.7	32.8
December	923	2,421	4,905	16,611	5.6	14.6	29.5
Average	470	1,821	4,286	15,726	3.0	11.6	27.3
1986							
January	975	2,291	4,714	16,088	6.1	14.2	29.3
February	755	1,800	3,800	16,186	4.7	11.1	23.5
March	796	2,139	3,980	16,276	4.9	13.1	24.5
April	1,058	2,568	4,589	15,945	6.6	16.1	28.8
May	964	2,736	5,676	15,993	6.0	17.1	35.5
June	1,376	2,996	6,206	16,049	8.6	18.7	38.7
July	1,355	3,302	6,256	16,307	8.3	20.2	38.4
August	1,339	3,345	6,300	16,618	8.1	20.1	37.9
September	1,385	3,366	6,375	15,909	8.7	21.2	40.1
October	1,386	3,268	5,597	16,602	8.3	19.7	33.7
November	1,291	3,077	5,771	16,221	8.0	19.0	35.6
December	1,221	2,970	5,881	17,131	7.1	17.3	34.3
Average	1,160	2,828	5,439	16,281	7.1	17.4	33.4
1987							
January	1,183	2,760	5,650	16,684	7.1	16.5	33.9
February	1,220	2,781	5,007	16,908	7.2	16.5	29.6
March	843	2,301	5,074	16,165	5.2	14.2	31.4
April	863	2,422	5,041	16,524	5.2	14.7	30.5
May	772	2,669	5,407	16,026	4.8	16.7	33.7
June	1,273	3,113	6,099	16,830	7.6	18.5	36.2
July	1,262	3,530	6,908	17,113	7.4	20.6	40.4
August	1,608	3,732	6,790	16,346	9.8	22.8	41.5
September	1,638	3,554	6,382	16,670	9.8	21.3	38.3
October	1,711	3,567	6,422	16,941	10.1	21.1	37.9
November	1,476	3,161	6,331	16,343	9.0	19.3	38.7
December	1,412	3,023	5,776	17,445	8.1	17.3	33.1
Average	1,272	3,053	5,914	16,665	7.6	18.3	35.5

See footnotes at end of table.

Table 1.8 U.S. Dependence on Petroleum Net Imports, 1973-1992 (Continued)

	Net Imports ^a			Petroleum Products Supplied	Net Imports as Share of U.S. Petroleum Products Supplied		
	From Arab OPEC ^b	From OPEC ^c	From All Countries		From Arab OPEC ^b	From OPEC ^c	From All Countries
	Thousand Barrels per Day				Percent		
1988							
January	1,651	3,125	6,296	17,403	9.5	18.0	36.2
February	1,881	3,459	6,392	17,760	10.6	19.5	36.0
March	1,509	3,063	6,110	17,612	8.6	17.4	34.7
April	1,607	3,405	6,594	16,561	9.7	20.6	39.8
May	1,721	3,494	6,655	16,197	10.6	21.6	41.1
June	1,635	3,624	6,301	17,059	9.6	21.2	36.9
July	1,910	3,585	6,471	16,695	11.4	21.5	38.8
August	2,036	3,701	6,572	17,482	11.6	21.2	37.6
September	2,039	3,679	6,833	17,072	11.9	21.5	40.0
October	2,067	3,851	7,098	17,580	11.8	21.9	40.4
November	1,913	3,509	6,997	17,620	10.9	19.9	39.7
December	2,079	3,660	6,719	18,365	11.3	19.9	36.6
Average	1,837	3,513	6,587	17,283	10.6	20.3	38.1
1989							
January	2,217	4,205	7,494	17,269	12.8	24.3	43.4
February	2,123	3,834	7,157	17,920	11.8	21.4	39.9
March	1,804	3,688	6,596	17,989	10.0	20.5	36.7
April	2,029	3,926	7,268	16,624	12.2	23.6	43.7
May	1,973	4,015	6,986	16,546	11.9	24.3	42.2
June	2,163	4,102	7,002	17,497	12.4	23.4	40.0
July	2,305	4,426	7,589	16,453	14.0	26.9	46.1
August	2,452	4,509	7,593	17,360	14.1	26.0	43.7
September	2,191	4,209	7,347	16,795	13.0	25.1	43.7
October	2,120	4,141	7,511	17,304	12.2	23.9	43.4
November	2,254	4,316	7,366	17,311	13.0	24.9	42.6
December	1,904	4,088	6,512	18,858	10.1	21.7	34.5
Average	2,128	4,124	7,202	17,325	12.3	23.8	41.6
1990							
January	2,602	4,851	8,488	16,964	15.3	28.6	50.0
February	2,506	4,587	7,577	17,175	14.6	26.7	44.1
March	2,160	4,410	7,084	17,087	12.6	25.8	41.5
April	2,070	4,179	7,097	16,778	12.3	24.9	42.3
May	2,348	4,559	8,144	16,915	13.9	27.0	48.1
June	2,316	4,449	7,944	17,165	13.5	25.9	46.3
July	2,851	4,986	8,353	17,084	16.7	29.2	48.9
August	2,757	4,918	7,794	18,050	15.3	27.2	43.2
September	1,915	3,939	6,514	16,512	11.6	23.9	39.5
October	1,789	3,498	5,768	16,934	10.6	20.7	34.1
November	1,754	3,622	5,918	16,695	10.5	21.7	35.4
December	1,841	3,422	5,252	16,494	11.2	20.7	31.8
Average	2,243	4,285	7,161	16,988	13.2	25.2	42.2
1991							
January	2,203	3,826	5,904	16,893	13.0	22.6	35.0
February	1,809	3,747	5,424	16,339	11.1	22.9	33.2
March	1,903	3,610	5,702	16,212	11.7	22.3	35.2
April	2,044	3,715	6,680	16,139	12.7	23.0	41.4
May	2,563	4,697	7,369	16,189	15.8	29.0	45.5
June	2,141	4,480	7,323	16,878	12.7	26.5	43.4
July	1,925	4,217	6,793	16,971	11.3	24.9	40.0
August	2,205	4,592	7,832	17,183	12.8	26.7	45.6
September	1,945	3,936	7,042	16,848	11.5	23.4	41.8
October	1,954	3,997	6,550	16,996	11.5	23.5	38.5
November	2,071	4,155	6,690	16,730	12.4	24.8	40.0
December	1,890	3,776	6,124	17,145	11.0	22.0	35.7
Average	2,057	4,065	6,626	16,714	12.3	24.3	39.6
1992							
January	2,239	4,207	6,568	17,012	13.2	24.7	38.6
February	1,993	3,536	5,975	16,893	11.8	20.9	35.4
March	1,921	3,590	6,156	16,825	11.4	21.3	36.6
April	1,913	4,060	7,155	16,764	11.4	24.2	42.7
May	1,963	4,108	6,939	16,485	11.9	24.9	42.1
June	1,887	3,999	6,989	16,978	11.1	23.6	41.2
July	1,956	4,327	7,550	17,143	11.4	25.2	44.0
August	1,927	4,112	7,470	16,929	11.4	24.3	44.1
September	1,845	4,253	7,330	16,876	10.9	25.2	43.4
October	1,917	4,499	7,603	17,448	11.0	25.8	43.6
November	1,913	4,054	6,877	17,091	11.2	23.7	40.2
December	2,181	4,073	6,602	17,928	12.2	22.7	36.8
Average	1,972	4,071	6,938	17,033	11.6	23.9	40.7

^a "Net Imports" are imports minus exports. Imports from members of the Organization of Petroleum Exporting Countries (OPEC) exclude indirect imports, which are petroleum products primarily from Caribbean and West European areas and refined from crude oil produced by OPEC.

^b The Arab members of OPEC are Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, and the United Arab Emirates. Net imports from the Neutral Zone between Kuwait and Saudi Arabia are included in net imports from Arab OPEC.

^c OPEC consists of Ecuador, Gabon, Indonesia, Iran, Nigeria, and Venezuela, as well as the Arab members.

Notes: • Beginning in October 1977, Strategic Petroleum Reserves are included. • Annual averages may not equal average of months due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.9 Energy Consumption per Dollar of Gross Domestic Product, 1973-1992

(Seasonally Adjusted at Annual Rates)

	Energy Consumption			Gross Domestic Product (GDP)	Energy Consumption per Dollar of GDP		
	Petroleum and Natural Gas	Other Energy	Total ^a		Petroleum and Natural Gas	Other Energy	Total
	Quadrillion Btu				Billion 1987 Dollars	Thousand Btu per 1987 Dollar	
1973							
1 st Quarter	58.173	16.388	74.562	3,253.3	17.88	5.04	22.92
2 nd Quarter	58.274	17.005	75.279	3,267.6	17.83	5.20	23.04
3 rd Quarter	57.059	16.767	73.826	3,264.3	17.48	5.14	22.62
4 th Quarter	55.929	17.545	73.475	3,289.1	17.00	5.33	22.34
Year	57.352	16.930	74.282	3,268.6	17.55	5.18	22.73
1974							
1 st Quarter	54.685	17.523	72.208	3,259.4	16.78	5.38	22.15
2 nd Quarter	55.678	17.372	73.049	3,267.6	17.04	5.32	22.36
3 rd Quarter	55.494	17.338	72.832	3,239.1	17.13	5.35	22.49
4 th Quarter	54.886	17.194	72.081	3,226.4	17.01	5.33	22.34
Year	55.187	17.356	72.543	3,248.1	16.99	5.34	22.33
1975							
1 st Quarter	54.262	17.799	72.061	3,154.0	17.20	5.64	22.85
2 nd Quarter	52.445	17.960	70.405	3,190.4	16.44	5.63	22.07
3 rd Quarter	52.300	17.441	69.740	3,249.9	16.09	5.37	21.46
4 th Quarter	52.018	17.992	70.010	3,292.5	15.80	5.46	21.26
Year	52.678	17.867	70.546	3,221.7	16.35	5.55	21.90
1976							
1 st Quarter	54.407	18.516	72.922	3,356.7	16.21	5.52	21.72
2 nd Quarter	55.207	18.566	73.773	3,369.2	16.39	5.51	21.90
3 rd Quarter	54.369	18.835	73.204	3,381.0	16.08	5.57	21.65
4 th Quarter	58.080	19.444	77.524	3,416.3	17.00	5.69	22.69
Year	55.520	18.842	74.362	3,380.8	16.42	5.57	22.00
1977							
1 st Quarter	57.432	19.312	76.744	3,466.4	16.57	5.57	22.14
2 nd Quarter	56.933	19.197	76.129	3,525.0	16.15	5.45	21.60
3 rd Quarter	57.451	19.052	76.503	3,574.4	16.07	5.33	21.40
4 th Quarter	56.403	19.383	75.786	3,567.2	15.81	5.43	21.25
Year	57.053	19.236	76.288	3,533.3	16.15	5.44	21.59
1978							
1 st Quarter	59.891	19.003	78.894	3,591.8	16.67	5.29	21.96
2 nd Quarter	58.231	20.253	78.484	3,707.0	15.71	5.46	21.17
3 rd Quarter	57.100	20.598	77.698	3,735.6	15.29	5.51	20.80
4 th Quarter	56.684	20.616	77.300	3,779.6	15.00	5.45	20.45
Year	57.966	20.123	78.089	3,703.5	15.65	5.43	21.09
1979							
1 st Quarter	60.429	21.732	82.162	3,780.8	15.98	5.75	21.73
2 nd Quarter	57.955	21.135	79.090	3,784.3	15.31	5.58	20.90
3 rd Quarter	56.603	20.525	77.128	3,807.5	14.87	5.39	20.26
4 th Quarter	56.230	21.056	77.286	3,814.6	14.74	5.52	20.26
Year	57.789	21.108	78.898	3,796.8	15.22	5.56	20.78
1980							
1 st Quarter	56.650	21.523	78.172	3,830.8	14.79	5.62	20.41
2 nd Quarter	54.411	21.466	75.876	3,732.6	14.58	5.75	20.33
3 rd Quarter	52.993	21.107	74.101	3,733.5	14.19	5.65	19.85
4 th Quarter	54.339	21.343	75.682	3,808.5	14.27	5.60	19.87
Year	54.596	21.359	75.955	3,776.3	14.46	5.66	20.11
1981							
1 st Quarter	52.958	22.155	75.114	3,860.5	13.72	5.74	19.46
2 nd Quarter	52.420	22.090	74.510	3,844.4	13.64	5.75	19.38
3 rd Quarter	51.325	22.210	73.535	3,864.5	13.28	5.75	19.03
4 th Quarter	50.754	22.068	72.822	3,803.1	13.35	5.80	19.15
Year	51.859	22.131	73.990	3,843.1	13.49	5.76	19.25
1982							
1 st Quarter	51.379	22.846	74.225	3,756.1	13.68	6.08	19.76
2 nd Quarter	49.079	22.300	71.379	3,771.1	13.01	5.91	18.93
3 rd Quarter	47.653	21.672	69.325	3,754.4	12.69	5.77	18.47
4 th Quarter	46.903	21.644	68.548	3,759.6	12.48	5.76	18.23
Year	48.736	22.111	70.848	3,760.3	12.96	5.88	18.84

See footnotes at end of table.

**Table 1.9 Energy Consumption per Dollar of Gross Domestic Product, 1973-1992
(Continued)**

(Seasonally Adjusted at Annual Rates)

	Energy Consumption			Gross Domestic Product (GDP)	Energy Consumption per Dollar of GDP		
	Petroleum and Natural Gas	Other Energy	Total ^a		Petroleum and Natural Gas	Other Energy	Total
	Quadrillion Btu				Billion 1987 Dollars	Thousand Btu per 1987 Dollar	
1983							
1 st Quarter	46.111	21.981	68.092	3,783.5	12.19	5.81	18.00
2 nd Quarter	46.622	22.788	69.411	3,886.5	12.00	5.86	17.86
3 rd Quarter	47.461	23.766	71.227	3,944.4	12.03	6.03	18.06
4 th Quarter	49.391	23.892	73.283	4,012.1	12.31	5.95	18.27
Year	47.411	23.114	70.524	3,906.6	12.14	5.92	18.05
1984							
1 st Quarter	51.163	24.874	76.037	4,089.5	12.51	6.08	18.59
2 nd Quarter	51.055	24.977	76.031	4,144.0	12.32	6.03	18.35
3 rd Quarter	48.842	24.299	73.140	4,166.4	11.72	5.83	17.55
4 th Quarter	47.212	24.221	71.433	4,194.2	11.26	5.77	17.03
Year	49.558	24.586	74.144	4,148.5	11.95	5.93	17.87
1985							
1 st Quarter	50.023	25.585	75.608	4,221.8	11.85	6.06	17.91
2 nd Quarter	48.438	25.212	73.651	4,254.8	11.38	5.93	17.31
3 rd Quarter	47.988	24.799	72.786	4,309.0	11.14	5.76	16.89
4 th Quarter	48.599	25.310	73.909	4,333.5	11.21	5.84	17.06
Year	48.756	25.225	73.981	4,279.8	11.39	5.89	17.29
1986							
1 st Quarter	49.988	25.699	75.687	4,390.5	11.39	5.85	17.24
2 nd Quarter	49.202	25.375	74.577	4,387.7	11.21	5.78	17.00
3 rd Quarter	48.317	25.083	73.399	4,412.6	10.95	5.68	16.63
4 th Quarter	48.136	25.421	73.557	4,427.1	10.87	5.74	16.62
Year	48.904	25.393	74.297	4,404.5	11.10	5.77	16.87
1987							
1 st Quarter	50.664	25.802	76.466	4,460.0	11.36	5.79	17.14
2 nd Quarter	50.780	26.508	77.288	4,515.3	11.25	5.87	17.12
3 rd Quarter	50.381	26.611	76.991	4,559.3	11.05	5.84	16.89
4 th Quarter	50.616	26.211	76.827	4,625.5	10.94	5.67	16.61
Year	50.609	26.285	76.894	4,539.9	11.15	5.79	16.94
1988							
1 st Quarter	53.704	27.474	81.178	4,655.3	11.54	5.90	17.44
2 nd Quarter	52.258	27.338	79.596	4,704.8	11.11	5.81	16.92
3 rd Quarter	52.321	27.759	80.080	4,734.5	11.05	5.86	16.91
4 th Quarter	52.819	27.202	80.021	4,779.7	11.05	5.69	16.74
Year	52.774	27.443	80.218	4,718.6	11.18	5.82	17.00
1989							
1 st Quarter	54.042	27.428	81.470	4,817.6	11.22	5.69	16.91
2 nd Quarter	53.594	27.709	81.303	4,839.0	11.08	5.73	16.80
3 rd Quarter	52.173	27.525	79.697	4,839.0	10.78	5.69	16.47
4 th Quarter	54.580	28.254	82.834	4,856.7	11.24	5.82	17.06
Year	53.595	27.731	81.325	4,838.0	11.08	5.73	16.81
1990							
1 st Quarter	52.241	28.180	80.421	4,898.3	10.67	5.75	16.42
2 nd Quarter	54.069	28.346	82.415	4,917.1	11.00	5.76	16.76
3 rd Quarter	53.459	28.411	81.870	4,906.5	10.90	5.79	16.69
4 th Quarter	51.627	28.538	80.166	4,867.2	10.61	5.86	16.47
Year	52.849	28.416	81.265	4,897.3	10.79	5.80	16.59
1991							
1 st Quarter	52.249	28.362	80.611	4,837.8	10.80	5.86	16.66
2 nd Quarter	51.976	29.146	81.122	4,855.6	10.70	6.00	16.71
3 rd Quarter	52.712	28.741	81.453	4,872.6	10.82	5.90	16.72
4 th Quarter	52.860	28.409	81.268	4,879.6	10.83	5.82	16.65
Year	52.452	28.665	81.116	4,861.4	10.79	5.90	16.69
1992							
1 st Quarter	53.676	28.132	81.808	4,922.0	10.91	5.72	16.62
2 nd Quarter	54.051	28.532	82.583	4,956.5	10.91	5.76	16.66
3 rd Quarter	52.840	28.291	81.131	4,998.2	10.57	5.66	16.23
4 th Quarter	54.066	28.989	83.055	5,068.3	10.67	5.72	16.39
Year	53.657	28.487	82.144	4,986.3	10.76	5.71	16.47

^a Excludes wood, waste, geothermal, wind, photovoltaic, and solar thermal energy, except for small amounts used by electric utilities to generate electricity for distribution.

Notes: • The data in this table are frequently revised; those shown here correspond to the data in the July 1994 *Monthly Energy Review*.
• Quarterly data are seasonally adjusted and shown at annual rates.

• Yearly data may not equal average of quarters due to seasonality adjustments and independent rounding. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 1.10 Passenger Car Efficiency, 1973-1992

	Mileage		Fuel Consumption		Fuel Rate	
	Miles per Car	Index 1973=100.0	Gallons per Car	Index 1973=100.0	Miles per Gallon	Index 1973=100.0
1973	10,256	100.0	771	100.0	13.30	100.0
1974	9,606	93.7	716	92.9	13.42	100.9
1975	9,690	94.5	716	92.9	13.52	101.7
1976	9,785	95.4	723	93.8	13.53	101.7
1977	9,879	96.3	716	92.9	13.80	103.8
1978	9,835	95.9	701	90.9	14.04	105.6
1979	9,403	91.7	653	84.7	14.41	108.3
1980	9,141	89.1	591	76.7	15.46	116.2
1981	9,186	89.6	576	74.7	15.94	119.8
1982	9,428	91.9	566	73.4	16.65	125.2
1983	9,475	92.4	553	71.7	17.14	128.9
1984	9,558	93.2	536	69.5	17.83	134.1
1985	9,560	93.2	525	68.1	18.20	136.8
1986	9,608	93.7	526	68.2	18.27	137.4
1987	9,878	96.3	514	66.7	19.20	144.4
1988	10,121	98.7	509	66.0	19.87	149.4
1989	10,332	100.7	509	66.0	20.31	152.7
1990	10,548	102.8	502	65.1	21.02	158.0
1991	10,757	104.9	496	64.3	21.69	163.1
1992 ^a	11,063	107.9	512	66.4	21.60	162.4

^a Preliminary data.

Sources: See end of section.

Note: Geographic coverage is the 50 States and the District of Columbia.

Table 1.11 Heating Degree-Days by Census Division, 1973-1992

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1973										
January	1,151	1,034	1,133	1,295	615	812	682	1,081	641	893
February	1,094	1,016	1,041	1,042	578	680	489	804	440	772
March	763	642	630	668	279	296	211	752	519	504
April	524	444	493	502	194	241	145	536	307	356
May	329	273	293	241	77	103	16	234	142	182
June	29	10	21	34	1	1	0	80	56	22
July	2	2	2	11	0	0	0	19	23	6
August	4	3	7	8	0	0	0	18	34	9
September	137	69	73	127	8	7	4	156	70	61
October	413	295	267	274	116	119	44	331	192	212
November	719	610	689	757	284	341	165	665	451	497
December	955	929	1,131	1,267	566	709	500	886	508	799
Total	6,120	5,327	5,780	6,226	2,718	3,309	2,256	5,562	3,383	4,313
1974										
January	1,171	1,022	1,188	1,416	409	565	553	1,036	614	838
February	1,114	1,020	1,079	1,037	506	599	372	794	470	754
March	923	799	822	808	299	322	158	581	433	556
April	521	412	424	407	148	188	68	439	321	310
May	363	235	271	220	48	48	2	198	204	171
June	73	46	72	60	12	16	1	52	58	42
July	6	5	3	2	0	0	0	9	24	6
August	16	8	18	41	0	0	0	42	18	13
September	141	110	173	208	28	57	29	149	35	94
October	574	464	429	362	201	248	74	327	171	303
November	708	626	713	782	349	442	296	658	374	524
December	1,011	923	1,067	1,135	551	686	527	996	572	795
Total	6,621	5,670	6,259	6,478	2,551	3,171	2,080	5,281	3,294	4,406
1975										
January	1,101	986	1,134	1,277	527	660	481	1,005	573	821
February	1,060	922	1,039	1,181	444	552	447	839	506	742
March	983	881	982	1,063	416	523	316	732	506	686
April	697	623	645	563	222	240	95	576	465	449
May	183	119	141	149	29	33	7	296	196	117
June	57	24	31	44	3	2	0	112	100	37
July	1	2	4	3	0	0	0	10	24	5
August	19	8	9	17	0	0	0	35	37	13
September	184	143	184	178	29	50	13	143	46	100
October	376	278	346	330	109	167	65	357	223	235
November	581	495	580	720	283	397	258	714	418	462
December	1,120	996	1,074	1,153	578	712	505	874	529	805
Total	6,362	5,477	6,169	6,678	2,640	3,336	2,187	5,693	3,623	4,472
1976										
January	1,375	1,268	1,376	1,361	720	890	592	958	511	974
February	936	810	863	831	381	451	257	689	456	609
March	883	720	718	815	283	338	220	739	471	544
April	468	397	427	360	145	188	69	438	370	309
May	289	242	288	237	76	124	32	209	156	178
June	17	12	26	33	4	6	1	93	79	28
July	13	12	5	6	1	0	0	10	24	8
August	28	18	31	15	2	1	0	36	37	19
September	164	117	139	110	29	44	6	121	52	81
October	530	488	555	558	240	328	198	423	152	367
November	846	822	971	996	493	676	478	666	293	668
December	1,290	1,191	1,369	1,348	666	835	593	921	514	941
Total	6,839	6,097	6,768	6,670	3,040	3,881	2,446	5,303	3,115	4,726
1977										
January	1,473	1,455	1,704	1,716	931	1,187	831	1,047	600	1,188
February	1,095	994	1,108	996	568	684	411	706	366	751
March	769	672	694	702	286	359	240	745	510	529
April	539	423	353	298	117	126	71	369	255	270
May	213	135	98	80	30	30	3	252	286	119
June	84	51	64	32	6	3	0	39	58	38
July	6	2	1	5	0	0	0	11	26	6
August	19	11	28	46	0	0	0	27	8	13
September	139	70	82	104	7	10	1	108	76	59
October	448	415	459	414	196	263	63	317	164	295
November	651	598	716	814	296	381	228	627	342	493
December	1,143	1,063	1,231	1,299	610	769	482	812	444	844
Total	6,579	5,889	6,538	6,506	3,047	3,812	2,330	5,060	3,135	4,605

See footnotes at end of table.

Table 1.11 Heating Degree-Days by Census Division, 1973-1992 (Continued)

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1978										
January	1,293	1,254	1,495	1,649	808	1,089	844	948	502	1,061
February	1,253	1,223	1,388	1,394	733	925	693	785	425	958
March	1,030	937	1,050	970	451	562	335	574	326	677
April	633	525	511	443	160	155	51	411	340	350
May	265	232	228	187	64	73	9	270	157	157
June	56	35	42	42	2	1	0	76	52	31
July	9	6	10	12	0	0	0	12	16	7
August	16	7	14	19	0	0	0	37	20	11
September	207	109	47	55	9	8	1	127	68	59
October	479	407	451	410	174	237	72	318	126	283
November	743	633	711	827	267	320	221	712	469	517
December	1,077	962	1,148	1,316	519	692	538	1,100	667	847
Total	7,061	6,330	7,095	7,324	3,187	4,062	2,764	5,370	3,168	4,958
1979										
January	1,179	1,157	1,544	1,765	717	1,018	847	1,216	682	1,079
February	1,307	1,271	1,376	1,407	676	792	563	823	514	950
March	805	720	838	916	346	417	258	682	411	575
April	588	510	567	546	164	189	83	436	302	364
May	206	178	245	245	49	73	18	250	145	148
June	65	49	44	49	10	6	0	81	58	37
July	2	4	12	12	0	0	0	11	15	6
August	27	13	26	30	0	0	0	29	22	15
September	141	88	95	93	18	29	5	81	29	58
October	451	397	423	393	171	206	45	296	151	271
November	590	550	741	861	283	465	371	800	412	528
December	987	914	1,010	1,052	543	705	504	859	461	750
Total	6,348	5,851	6,921	7,369	2,977	3,900	2,694	5,564	3,202	4,781
1980										
January	1,188	1,116	1,250	1,318	624	739	530	951	537	887
February	1,159	1,092	1,209	1,216	639	789	498	712	370	831
March	959	895	997	987	431	551	320	728	444	680
April	546	453	530	427	161	237	114	432	267	338
May	248	156	191	158	41	60	9	262	232	142
June	92	57	70	37	6	4	0	69	106	49
July	4	3	3	5	0	0	0	8	19	5
August	10	3	6	18	0	0	0	31	32	10
September	115	55	86	104	5	7	1	110	63	54
October	509	431	514	468	187	255	100	370	145	316
November	811	748	778	739	396	487	332	638	333	564
December	1,259	1,134	1,158	1,175	609	726	474	741	438	831
Total	6,900	6,143	6,792	6,652	3,099	3,855	2,378	5,052	2,986	4,707
1981										
January	1,491	1,352	1,351	1,232	812	930	600	821	465	984
February	890	849	1,009	994	501	628	422	699	383	689
March	903	865	856	747	452	529	285	641	411	620
April	499	407	389	300	105	93	28	317	260	260
May	238	188	285	241	70	101	19	239	157	165
June	39	22	33	43	1	0	0	63	48	25
July	4	4	6	9	0	0	0	11	22	6
August	28	14	18	24	1	0	0	19	10	11
September	157	107	133	120	25	40	4	90	49	76
October	536	467	485	451	196	223	75	388	229	327
November	727	669	707	689	359	410	224	557	329	504
December	1,100	1,045	1,174	1,265	655	803	505	826	478	845
Total	6,612	5,989	6,446	6,115	3,177	3,757	2,162	4,671	2,841	4,512
1982										
January	1,473	1,369	1,524	1,650	755	889	589	1,003	634	1,067
February	1,067	976	1,172	1,193	467	642	508	802	424	776
March	952	865	920	900	354	377	215	654	473	620
April	645	561	618	553	216	272	107	462	339	408
May	250	148	117	151	26	25	7	257	176	114
June	123	64	99	96	6	8	1	104	97	62
July	5	3	3	7	0	0	0	17	27	7
August	50	30	34	25	1	1	0	14	19	19
September	131	95	123	131	25	37	3	136	60	75
October	456	361	358	390	151	182	77	417	179	264
November	623	575	707	849	292	401	275	728	446	515
December	922	819	867	1,055	428	523	445	950	575	692
Total	6,697	5,866	6,542	7,000	2,721	3,357	2,227	5,544	3,449	4,619

See footnotes at end of table.

Table 1.11 Heating Degree-Days by Census Division, 1973-1992 (Continued)

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1983										
January	1,183	1,085	1,159	1,225	674	824	620	873	501	874
February	1,010	936	931	951	541	628	448	710	405	706
March	842	759	806	842	383	491	326	659	400	588
April	564	519	598	617	242	326	164	558	363	421
May	328	263	315	276	65	89	20	288	151	189
June	35	24	36	49	4	5	1	104	83	35
July	4	2	0	2	0	0	0	16	29	6
August	13	5	2	2	0	0	0	8	14	5
September	72	60	84	94	17	20	2	104	55	53
October	435	354	379	383	144	163	60	331	142	251
November	681	629	679	755	346	442	233	659	377	509
December	1,138	1,097	1,434	1,705	641	904	798	1,049	553	990
Total	6,305	5,733	6,423	6,901	3,057	3,892	2,672	5,359	3,073	4,627
1984										
January	1,325	1,266	1,422	1,384	728	943	715	1,024	497	1,000
February	876	810	865	870	452	567	391	805	426	645
March	1,084	1,019	1,096	1,043	447	527	286	679	329	704
April	590	513	524	501	211	227	97	506	308	371
May	308	260	299	245	61	92	10	190	128	172
June	36	18	22	34	1	0	0	97	79	28
July	5	8	12	13	1	0	0	10	14	7
August	8	6	8	7	0	0	0	17	17	7
September	186	132	134	164	33	35	6	145	46	88
October	375	250	305	373	67	88	65	482	232	223
November	714	679	766	791	402	507	293	665	436	565
December	935	816	965	1,157	388	465	331	972	637	704
Total	6,442	5,777	6,418	6,582	2,791	3,451	2,194	5,592	3,149	4,514
1985										
January	1,382	1,269	1,445	1,512	782	1,037	760	1,072	613	1,057
February	1,024	966	1,183	1,217	523	731	540	898	475	807
March	857	753	769	726	323	370	197	688	496	557
April	534	396	346	334	114	140	54	351	227	260
May	244	153	165	138	38	50	5	185	184	123
June	107	63	78	78	5	4	0	66	50	47
July	5	6	7	11	0	0	0	8	6	5
August	28	12	29	46	1	0	0	29	23	17
September	112	61	81	137	16	28	3	192	100	69
October	408	322	359	411	98	116	61	386	192	243
November	681	554	711	1,006	184	246	217	801	507	506
December	1,189	1,105	1,373	1,503	652	880	629	1,000	568	951
Total	6,571	5,660	6,546	7,119	2,736	3,602	2,466	5,676	3,441	4,642
1986										
January	1,177	1,112	1,247	1,185	669	822	505	803	414	859
February	1,120	1,030	1,090	1,133	477	534	334	686	393	734
March	872	771	794	722	374	440	218	496	316	542
April	506	439	393	370	149	162	51	394	293	295
May	233	134	185	168	38	43	7	230	160	123
June	88	35	47	28	1	1	0	49	46	30
July	13	4	2	6	0	0	0	23	37	9
August	38	21	39	46	1	0	0	19	10	18
September	181	96	72	109	13	9	2	182	119	76
October	453	352	377	399	122	168	82	390	169	258
November	805	725	835	942	299	384	305	664	322	558
December	1,031	946	1,069	1,123	543	731	554	934	528	793
Total	6,517	5,665	6,150	6,231	2,686	3,294	2,058	4,870	2,807	4,295
1987										
January	1,257	1,151	1,215	1,217	681	837	615	998	597	920
February	1,118	1,027	932	839	547	593	385	732	424	714
March	881	749	761	741	381	423	322	699	412	573
April	541	444	440	343	221	250	100	341	193	309
May	261	173	135	108	30	18	3	194	122	107
June	46	14	16	19	1	0	0	59	54	20
July	5	1	0	3	0	0	0	18	40	8
August	38	15	15	26	0	0	0	38	17	13
September	134	89	90	107	13	21	5	123	45	61
October	501	487	567	525	254	331	104	307	113	345
November	745	629	640	690	301	375	272	657	367	491
December	1,019	920	999	1,094	508	618	486	987	629	773
Total	6,546	5,699	5,810	5,712	2,937	3,466	2,292	5,153	3,013	4,334

See footnotes at end of table.

Table 1.11 Heating Degree-Days by Census Division, 1973-1992 (Continued)

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1988										
January	1,313	1,251	1,349	1,449	761	915	699	1,061	564	1,004
February	1,045	985	1,163	1,212	549	694	468	737	376	778
March	903	807	862	828	382	469	293	666	349	594
April	595	518	502	450	185	199	91	389	264	344
May	257	187	171	112	58	74	8	212	178	134
June	62	36	24	11	4	2	0	37	86	30
July	2	0	0	2	0	0	0	9	15	3
August	6	3	2	7	0	0	0	17	18	5
September	157	117	95	100	25	21	4	139	58	72
October	555	517	584	527	252	326	92	258	117	352
November	683	627	709	783	321	394	219	647	380	506
December	1,137	1,040	1,129	1,153	585	706	472	976	570	831
Total	6,715	6,088	6,590	6,634	3,122	3,800	2,346	5,148	2,975	4,653
1989										
January	1,107	1,001	1,023	1,102	515	623	446	1,010	603	789
February	1,082	995	1,202	1,361	491	674	552	894	551	832
March	953	844	894	926	356	397	274	561	379	603
April	640	547	553	438	194	222	68	329	183	344
May	223	220	268	206	76	98	8	201	170	163
June	44	20	48	56	2	4	1	86	59	32
July	7	2	2	3	0	0	0	7	24	5
August	23	13	20	18	0	0	0	33	30	14
September	118	80	133	150	17	28	12	125	56	73
October	420	340	385	370	140	204	64	360	188	259
November	764	700	813	857	342	441	234	610	318	542
December	1,506	1,372	1,493	1,509	811	1,022	780	957	500	1,070
Total	6,887	6,134	6,834	6,996	2,944	3,713	2,439	5,173	3,061	4,726
1990										
January	1,003	884	973	1,028	475	617	434	908	539	728
February	979	824	929	980	359	440	317	806	527	655
March	863	736	752	760	298	382	251	598	385	535
April	567	458	478	470	170	228	90	351	217	321
May	351	258	292	257	57	80	13	252	183	184
June	51	27	41	31	3	2	0	56	60	29
July	5	4	10	12	0	0	0	16	9	6
August	11	10	20	16	0	0	0	25	11	10
September	138	100	86	70	19	14	1	70	36	56
October	317	265	423	430	114	207	95	350	154	246
November	656	586	619	658	285	354	199	606	352	457
December	907	846	1,058	1,299	450	605	544	1,108	675	789
Total	5,848	4,998	5,681	6,011	2,230	2,929	1,944	5,146	3,148	4,016
1991										
January	1,225	1,101	1,300	1,461	583	771	653	1,027	560	921
February	935	840	951	908	439	567	351	636	323	639
March	827	738	771	755	327	401	219	687	516	564
April	483	397	387	373	125	128	54	453	314	287
May	153	83	99	122	13	19	2	242	227	98
June	37	12	15	18	1	0	0	82	118	30
July	7	2	3	10	0	0	0	15	19	6
August	11	5	9	12	0	0	0	18	16	7
September	162	98	113	123	16	17	9	121	38	69
October	379	331	363	424	138	168	58	344	129	242
November	697	656	853	1,010	381	531	394	715	325	586
December	1,044	914	1,042	1,103	480	609	438	919	524	751
Total	5,960	5,177	5,906	6,319	2,503	3,211	2,178	5,259	3,109	4,200
1992										
January	1,191	1,061	1,145	1,116	608	773	577	967	537	852
February	1,027	912	904	863	444	514	325	657	352	644
March	1,010	901	865	760	403	464	232	567	361	603
April	654	536	546	499	184	205	85	310	187	345
May	301	244	241	183	87	88	18	166	85	152
June	68	54	84	68	11	11	1	80	50	46
July	28	10	23	45	0	0	0	32	14	14
August	36	25	55	60	2	4	1	34	11	24
September	141	96	130	141	18	27	5	117	53	74
October	534	471	462	418	198	230	64	297	131	301
November	784	676	767	892	332	471	363	788	360	564
December	1,070	978	1,075	1,217	565	711	474	1,039	622	822
Total	6,844	5,964	6,297	6,262	2,852	3,498	2,145	5,054	2,763	4,441

^a Excludes Alaska and Hawaii.

Notes: • Degree-days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Heating degree-days are the number of degrees that the daily average temperature falls below 65° F. Cooling degree-days are the number of degrees that the daily average temperature rises above 65° F. The daily average temperature is the mean of the maximum and minimum

temperatures in a 24-hour period. For example, a weather station recording an average daily temperature of 40° F would report 25 heating degree-days for that day (and 0 cooling degree-days). If a weather station recorded an average daily temperature of 78° F, cooling degree-days for that station would be 13 (and 0 heating degree-days). • Data in this table are weighted by population; see Note 6 at end of section.

Source: See end of section.

Table 1.12 Cooling Degree-Days by Census Division, 1973-1992

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1973										
January	0	0	0	0	35	5	6	0	0	7
February	0	0	0	0	13	1	5	1	0	3
March	0	1	5	8	70	46	71	1	0	24
April	0	0	0	1	56	14	46	18	8	18
May	0	8	21	40	151	92	211	97	44	75
June	100	179	198	220	341	329	393	206	128	236
July	203	271	267	304	413	418	528	310	173	318
August	225	280	253	313	393	352	475	302	160	303
September	23	81	94	88	309	288	354	136	82	166
October	0	10	26	35	133	105	186	50	29	66
November	0	0	0	0	66	14	77	2	0	21
December	0	0	0	0	20	1	7	0	0	4
Total	551	830	864	1,009	2,000	1,665	2,359	1,123	624	1,241
1974										
January	0	0	0	0	93	34	23	0	0	21
February	0	0	0	0	25	3	15	0	0	6
March	0	0	1	6	74	44	102	10	1	28
April	0	0	2	9	70	26	106	28	8	29
May	0	13	30	68	190	170	327	100	27	101
June	43	81	97	142	253	200	383	274	118	173
July	168	244	273	410	376	387	548	325	183	317
August	161	226	194	194	371	344	473	244	168	267
September	21	50	24	33	240	135	210	151	153	120
October	0	0	5	16	84	33	128	53	29	40
November	0	0	0	0	41	3	20	3	3	10
December	0	0	0	0	25	3	7	0	0	5
Total	393	614	626	878	1,842	1,382	2,342	1,188	690	1,117
1975										
January	0	0	0	0	55	18	25	0	0	14
February	0	0	0	0	50	7	13	0	0	11
March	0	0	0	0	49	11	40	3	0	14
April	0	0	0	3	76	17	84	8	1	24
May	19	52	87	92	226	191	262	57	22	117
June	58	125	170	192	317	293	413	172	70	203
July	227	258	241	340	369	375	490	331	164	301
August	154	230	255	304	419	398	500	265	134	296
September	9	30	23	51	237	139	258	151	139	120
October	0	13	12	21	145	65	141	41	15	55
November	0	0	0	0	45	5	29	3	2	12
December	0	0	0	0	23	1	6	0	0	5
Total	467	708	788	1,003	2,011	1,520	2,261	1,031	547	1,172
1976										
January	0	0	0	0	17	3	9	0	4	5
February	0	0	0	2	31	14	36	3	0	11
March	0	0	4	5	73	35	63	5	0	23
April	0	0	1	10	66	30	103	21	2	27
May	2	12	22	35	141	64	147	95	41	64
June	126	177	172	189	282	248	373	193	105	208
July	138	186	236	332	379	352	458	324	177	282
August	124	177	146	273	342	307	493	246	123	243
September	12	45	38	92	219	164	313	133	108	127
October	0	0	0	1	74	15	35	33	46	27
November	0	0	0	0	30	0	3	5	14	8
December	0	0	0	0	21	0	2	0	0	4
Total	402	597	619	939	1,675	1,232	2,035	1,058	620	1,029
1977										
January	0	0	0	0	8	0	1	0	0	2
February	0	0	0	0	15	2	10	3	4	5
March	0	0	3	7	72	30	52	3	0	21
April	0	0	7	21	83	52	95	37	16	35
May	11	46	128	153	191	199	289	52	6	121
June	38	82	114	229	321	337	482	267	114	212
July	177	272	313	374	460	469	579	344	190	351
August	158	210	171	215	413	406	557	303	223	293
September	23	78	85	113	305	275	457	169	101	180
October	0	1	2	10	80	30	149	70	46	44
November	0	0	0	0	49	7	40	7	11	15
December	0	0	0	0	23	1	9	1	4	6
Total	407	689	823	1,122	2,020	1,808	2,720	1,256	715	1,285

See footnotes at end of table.

Table 1.12 Cooling Degree-Days by Census Division, 1973-1992 (Continued)

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1978										
January	0	0	0	0	13	0	2	0	2	3
February	0	0	0	0	7	0	0	1	0	1
March	0	0	0	0	29	6	24	13	9	10
April	0	0	1	8	73	41	122	23	6	31
May	5	13	36	57	172	129	289	72	44	93
June	60	110	150	201	330	323	460	232	118	218
July	145	194	216	319	402	436	621	350	191	310
August	162	250	209	265	422	397	541	259	177	300
September	6	48	126	168	294	294	393	146	122	180
October	0	0	3	9	111	41	131	75	69	52
November	0	0	0	0	72	16	48	3	0	19
December	0	0	0	0	47	2	7	0	0	9
Total	378	615	741	1,027	1,972	1,685	2,638	1,174	738	1,226
1979										
January	0	0	0	0	20	1	3	0	0	4
February	0	0	0	0	18	1	4	0	0	4
March	0	0	0	2	37	20	48	4	1	13
April	0	0	0	2	89	34	101	27	10	32
May	14	28	34	49	170	120	185	75	40	82
June	50	75	144	180	263	265	398	205	124	187
July	215	224	196	280	388	371	527	335	192	295
August	135	199	172	237	393	362	489	247	162	266
September	20	61	66	104	258	185	297	205	204	160
October	0	1	6	17	113	50	175	65	35	53
November	0	0	0	0	55	2	10	1	0	11
December	0	0	0	0	29	1	5	0	2	6
Total	434	588	618	871	1,833	1,412	2,242	1,164	770	1,113
1980										
January	0	0	0	0	30	10	19	0	4	9
February	0	0	0	0	12	1	5	3	5	4
March	0	0	0	0	50	8	33	4	1	13
April	0	0	0	3	67	15	61	26	14	23
May	9	36	54	76	186	140	259	54	12	95
June	33	76	106	223	302	306	521	229	70	199
July	211	279	293	441	468	514	666	383	212	374
August	198	298	280	342	459	488	608	279	175	347
September	36	104	82	125	333	318	447	166	106	192
October	0	0	1	7	108	31	97	51	48	42
November	0	0	0	0	43	2	11	5	6	10
December	0	0	0	0	17	1	7	2	5	5
Total	487	793	816	1,217	2,075	1,834	2,734	1,202	658	1,313
1981										
January	0	0	0	0	6	2	8	2	5	3
February	0	0	0	0	25	2	8	3	4	6
March	0	0	0	4	26	9	34	6	3	10
April	0	0	5	33	104	83	179	51	19	52
May	8	23	22	36	148	88	206	86	41	75
June	82	139	168	213	401	372	457	273	193	257
July	202	266	232	315	443	449	571	358	213	333
August	129	182	186	226	348	361	513	322	238	275
September	15	47	43	90	223	161	328	184	139	138
October	0	0	2	7	112	43	143	37	15	43
November	0	0	0	0	32	6	43	9	6	12
December	0	0	0	0	21	0	8	0	0	5
Total	436	657	658	924	1,889	1,576	2,498	1,331	876	1,209
1982										
January	0	0	0	0	27	5	13	0	0	6
February	0	0	0	0	53	3	5	3	0	10
March	0	0	0	2	66	30	65	5	1	21
April	0	0	0	0	77	16	77	31	8	26
May	8	38	110	91	198	201	254	80	30	115
June	19	63	75	104	307	263	412	180	61	165
July	184	248	256	329	420	426	562	308	167	318
August	88	137	143	241	356	348	580	325	200	262
September	22	53	48	80	230	171	363	153	118	140
October	0	2	11	12	110	58	129	34	34	47
November	0	0	0	0	64	5	28	2	0	15
December	0	0	0	0	50	11	14	0	0	11
Total	321	541	643	859	1,958	1,537	2,502	1,121	619	1,136

See footnotes at end of table.

Table 1.12 Cooling Degree-Days by Census Division, 1973-1992 (Continued)

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1983										
January	0	0	0	0	23	4	9	0	4	6
February	0	0	0	0	21	2	7	2	0	5
March	0	0	0	1	28	10	26	5	4	9
April	0	0	0	0	41	5	42	13	2	13
May	0	9	19	30	158	102	199	76	36	72
June	86	134	159	173	294	252	360	174	82	193
July	218	298	347	401	455	451	535	322	161	353
August	174	261	322	441	457	483	577	324	236	362
September	60	93	78	117	249	201	346	201	186	172
October	0	4	9	15	128	66	148	54	62	58
November	0	0	0	0	40	3	39	3	3	12
December	0	0	0	0	31	0	0	0	0	5
Total	538	799	934	1,178	1,925	1,579	2,288	1,174	776	1,260
1984										
January	0	0	0	0	23	2	4	0	5	5
February	0	0	0	0	28	3	11	2	0	6
March	0	0	0	0	38	10	44	12	10	14
April	0	0	0	0	55	19	96	25	11	24
May	1	10	21	37	164	104	264	144	82	92
June	91	155	207	224	331	339	449	195	99	233
July	165	191	190	282	362	350	529	325	264	291
August	201	242	243	327	390	350	531	290	236	312
September	9	33	42	70	211	174	304	167	230	143
October	1	18	21	15	175	136	172	27	19	70
November	0	0	0	0	37	2	23	3	0	9
December	0	0	0	0	51	19	42	0	0	15
Total	468	649	724	955	1,865	1,508	2,469	1,190	956	1,214
1985										
January	0	0	0	0	13	1	3	0	0	3
February	0	0	0	0	28	1	4	1	0	5
March	0	0	1	6	60	33	75	6	1	22
April	0	0	6	15	79	44	126	49	27	39
May	8	36	68	94	194	153	278	106	28	108
June	25	70	95	132	326	299	424	243	137	193
July	177	228	224	299	392	387	520	364	268	313
August	131	198	156	187	370	355	577	291	174	269
September	31	87	80	84	247	189	365	102	69	145
October	0	8	13	13	182	106	163	46	33	68
November	0	0	0	0	94	28	61	2	0	25
December	0	0	0	0	19	0	3	0	0	4
Total	372	627	643	830	2,004	1,596	2,599	1,210	737	1,194
1986										
January	0	0	0	0	24	4	17	4	10	8
February	0	0	0	0	39	7	24	3	1	10
March	0	0	1	8	37	17	57	20	10	17
April	0	0	3	13	56	33	140	41	13	33
May	10	46	58	77	190	168	253	100	39	106
June	39	117	146	248	370	357	442	262	125	231
July	137	247	289	364	490	495	594	279	152	340
August	104	156	134	177	368	346	510	329	228	259
September	11	55	97	123	283	287	424	109	48	161
October	0	5	10	11	143	64	123	36	28	52
November	0	0	0	0	100	13	30	5	10	23
December	0	0	0	0	49	1	4	0	0	9
Total	301	626	738	1,021	2,149	1,792	2,618	1,188	664	1,249
1987										
January	0	0	0	0	24	4	8	0	0	5
February	0	0	0	0	30	3	13	2	0	7
March	0	0	1	5	43	18	25	5	3	13
April	0	0	0	11	31	13	65	56	38	23
May	6	28	96	132	207	237	297	96	53	127
June	76	163	218	262	363	330	406	243	118	244
July	194	302	318	361	473	426	510	291	114	334
August	108	176	213	253	453	451	579	264	171	298
September	22	60	72	89	279	212	329	154	134	156
October	0	0	0	2	72	14	100	82	72	40
November	0	0	0	0	57	5	24	3	3	14
December	0	0	0	0	35	5	12	0	0	8
Total	406	729	918	1,115	2,067	1,718	2,368	1,196	706	1,269

See footnotes at end of table.

Table 1.12 Cooling Degree-Days by Census Division, 1973-1992 (Continued)

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
1988										
January	0	0	0	0	24	2	5	0	0	5
February	0	0	0	0	21	1	6	3	3	5
March	0	0	0	1	38	13	35	10	10	13
April	0	0	0	4	70	27	85	33	15	28
May	6	22	64	116	145	113	221	91	31	89
June	56	110	191	296	306	307	411	274	80	218
July	233	323	333	354	434	418	534	369	231	359
August	233	287	319	351	450	446	570	302	181	348
September	17	40	68	106	254	224	367	139	114	149
October	0	0	0	2	86	20	128	95	61	45
November	0	0	0	0	65	9	50	4	3	18
December	0	0	0	0	30	2	10	0	0	6
Total	545	782	975	1,230	1,923	1,582	2,422	1,320	729	1,283
1989										
January	0	0	0	0	61	21	31	0	0	15
February	0	0	0	0	36	2	6	3	0	7
March	0	0	0	1	61	23	39	23	9	19
April	0	0	0	8	71	18	101	77	45	36
May	9	15	25	52	156	102	295	111	33	88
June	77	149	134	150	350	274	378	221	103	208
July	165	229	259	332	411	382	499	387	196	312
August	146	192	185	250	382	360	489	275	146	266
September	29	68	41	55	265	186	280	171	114	138
October	0	5	8	16	118	45	140	54	29	49
November	0	0	0	0	54	4	37	8	10	16
December	0	0	0	0	12	0	0	0	0	2
Total	426	658	652	864	1,977	1,417	2,295	1,330	685	1,156
1990										
January	0	0	1	1	59	20	30	0	0	15
February	0	0	0	0	58	15	28	0	0	14
March	0	0	2	5	64	26	50	14	5	21
April	0	0	0	3	66	17	89	50	25	29
May	1	10	22	33	190	115	264	87	28	86
June	67	122	147	229	337	317	527	280	124	234
July	191	248	212	287	442	394	501	330	241	316
August	191	210	182	269	409	395	534	267	194	291
September	22	50	76	147	270	262	396	199	144	172
October	5	16	5	9	149	48	106	61	60	57
November	0	0	0	0	54	8	45	6	6	16
December	0	0	0	0	45	5	9	0	0	9
Total	477	656	647	983	2,143	1,622	2,579	1,294	827	1,260
1991										
January	0	0	0	0	52	7	8	0	0	10
February	0	0	0	0	34	5	16	8	6	9
March	0	0	1	6	58	23	64	2	0	19
April	0	0	3	11	111	54	141	25	10	42
May	30	86	130	119	272	228	310	73	17	147
June	89	171	228	272	336	325	445	182	59	235
July	187	278	286	324	462	444	535	330	178	336
August	190	260	240	288	409	377	505	318	173	305
September	15	53	59	91	265	225	290	165	150	149
October	0	6	12	14	122	65	163	76	71	62
November	0	0	0	0	35	0	8	3	8	8
December	0	0	0	0	41	5	14	0	0	9
Total	511	854	959	1,125	2,197	1,758	2,499	1,182	672	1,331
1992										
January	0	0	0	0	27	5	9	0	3	6
February	0	0	0	0	35	8	22	4	3	10
March	0	0	0	5	39	15	56	8	4	15
April	0	0	0	4	54	20	82	54	41	29
May	2	10	33	58	118	101	185	116	82	77
June	50	73	87	133	269	229	396	204	107	170
July	100	189	174	211	450	408	524	282	202	286
August	106	135	107	142	334	269	413	285	251	228
September	18	53	45	73	260	195	345	180	151	150
October	0	0	3	11	94	40	147	72	56	49
November	0	0	0	0	63	1	10	1	5	13
December	0	0	0	0	34	2	12	0	0	7
Total	276	460	449	637	1,777	1,293	2,201	1,206	905	1,040

^a Excludes Alaska and Hawaii.

Notes: • Degree-days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Cooling degree-days are the number of degrees that the daily average temperature rises above 65° F. Heating degree-days are the number of degrees that the daily average temperature falls below 65° F. The daily average temperature is the mean of the maximum and minimum

temperatures in a 24-hour period. For example, if a weather station recorded an average daily temperature of 78° F, cooling degree-days for that station would be 13 (and 0 heating degree-days). A weather station recording an average daily temperature of 40° F, would report 25 heating degree-days for that day (and 0 cooling degree-days). • Data in this table are weighted by population; see Note 6 at end of section.

Source: See end of section.

Table 1.13 Degree-Day Normals by Census Division

	Census Divisions									U.S. Average ^a
	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ^a	
Heating Degree-Day Normals^b										
January	1,262	1,170	1,315	1,398	670	844	620	991	573	948
February	1,086	1,001	1,093	1,107	538	657	447	765	438	768
March	919	821	868	865	379	455	277	677	432	611
April	580	484	483	438	169	187	75	433	312	339
May	275	200	217	189	51	63	10	231	183	150
June	59	31	43	43	4	4	0	80	78	36
July	7	4	6	9	0	0	0	13	22	7
August	24	12	20	23	1	0	0	26	20	13
September	140	89	102	123	19	25	5	134	62	69
October	439	368	402	396	158	204	77	357	174	271
November	720	647	731	798	335	432	272	665	385	528
December	1,110	1,012	1,143	1,247	571	718	523	950	564	836
Total	6,621	5,839	6,421	6,635	2,895	3,589	2,306	5,321	3,245	4,576
Cooling Degree-Day Normals^b										
January	0	0	0	0	30	7	12	0	1	7
February	0	0	0	0	27	4	11	2	1	7
March	0	0	1	3	48	19	47	8	3	16
April	0	0	1	8	72	34	109	31	13	31
May	6	24	52	72	176	142	253	85	31	95
June	62	121	152	199	314	298	428	214	97	208
July	179	247	249	325	412	403	544	337	190	317
August	148	210	201	263	391	374	528	287	193	287
September	25	68	69	94	259	218	349	153	122	154
October	1	6	11	16	118	57	137	51	38	52
November	0	0	0	0	49	6	33	4	4	13
December	0	0	0	0	30	3	10	0	0	7
Total	421	675	736	981	1,926	1,565	2,460	1,174	694	1,193

^a Excludes Alaska and Hawaii.

^b Normals are based on calculations of data from 1961 through 1990.

Notes: • Data in this table are weighted by population; see Note 6 at end

of section. • Totals may not equal sum of components due to independent rounding.

Sources: See end of section.

Energy Summary Notes and Sources

Notes:

1. Energy Production: Production of energy includes production of coal, crude oil and lease condensate, natural gas plant liquids, natural gas (dry), electric utility and industrial production of hydroelectric power, and electricity generated from nuclear power. Production also includes electricity generated for distribution from geothermal, wood, waste, wind, photovoltaic, and solar thermal energy but excludes other energy obtained from those sources because consistent historical data are not available. Approximate heat contents (Btu values) are derived by using the conversion factors provided in Appendix A.

2. Energy Consumption: Consumption of energy includes consumption of coal, natural gas (including supplemental gaseous fuels), petroleum products supplied, electric utility and industrial production of hydroelectric power, net imports of electricity (assumed to be hydroelectricity), net imports of coal coke, and electricity generated from nuclear power. Consumption also includes electricity generated for distribution from geothermal, wood, waste, wind,

photovoltaic, and solar thermal energy but excludes other energy obtained from those sources because consistent historical data are not available. Approximate heat contents (Btu values) are derived by using the conversion factors provided in Appendix A.

3. Energy Imports: Energy imports include imports of coal, crude oil (including crude oil imported for the Strategic Petroleum Reserve), petroleum products, natural gas, electricity (assumed to be hydroelectricity), and coal coke. Approximate heat contents (Btu values) are derived by using the conversion factors provided in Appendix A. For further information on electricity, see “Note for imports and exports of electricity” under Note 8 of Section 2, “Energy Consumption Notes and Sources.”

4. Energy Exports: Energy exports include coal, crude oil, petroleum products, natural gas, electricity produced from hydroelectric power, and coal coke. Approximate heat contents (Btu values) are derived by using the conversion factors provided in Appendix A. For further information on electricity, see “Note for imports and exports of electricity” under Note 8 of Section 2, “Energy Consumption Notes and Sources.”

5. Merchandise Trade Value: Import data presented are based on the customs value. That value does not include insurance and freight and is consequently lower than the cost, insurance, and freight (CIF) value, which is also reported by the Bureau of the Census. All export data, and import data prior to 1981, are on a free alongside ship (f.a.s.) basis.

“Balance” is exports minus imports; a positive balance indicates a surplus trade value and a negative balance indicates a deficit trade value. “Energy” includes mineral fuels, lubricants, and related material. “Non-Energy Balance” and “Total Merchandise” include foreign exports (i.e., re-exports) and nonmonetary gold and Department of Defense Grant-Aid shipments. The “Non-Energy Balance” is calculated by subtracting the “Energy” from the “Total Merchandise Balance.”

“Imports” consist of government and nongovernment shipments of merchandise into the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and the U.S. Foreign Trade Zones. They reflect the total arrival from foreign countries of merchandise that immediately entered consumption channels, warehouses, the Foreign Trade Zones, or the Strategic Petroleum Reserve. They exclude shipments between the United States, Puerto Rico, and U.S. possessions, shipments to U.S. Armed Forces and diplomatic missions abroad for their own use, U.S. goods returned to the United States by its Armed Forces, and in-transit shipments.

6. Degree-Days: Degree-days are relative measurements of outdoor air temperature used as an index for heating and cooling energy requirements. Several degree-day databases are maintained by the National Oceanic and Atmospheric Administration. Data presented in the *Historical Monthly Energy Review* are developed at the National Climatic Center in Asheville, NC, where temperature information recorded at nearly 8,000 weather stations is used to calculate statewide degree-day averages, weighted by population. State averages are aggregated to Census Divisions and the national average. Resident State population in 1990 from the Bureau of the Census is used for weighting.

In contrast, the data presented in the *Monthly Energy Review (MER)* are developed at the National Weather Service Climate Analysis Center, in Camp Springs, MD. Those data are available weekly with monthly summaries, based on information recorded at about 200 weather stations. The monthly data published in the *MER* are available sooner than the data developed in Asheville.

Sources:

Table 1.1

- **Production:** Table 1.3.

- **Consumption:** Table 1.4.
- **Imports and Exports:** Data in tables 3.1b, 4.2, and 6.1 were converted into Btu using the conversion factors in Appendix A, tables A2-A7. See also Section 2, “Energy Consumption Notes and Sources,” Notes 8 and 9.
- **Net Imports:** Table 1.5.

Table 1.2

- **Production:** Table 1.3.
- **Consumption:** Table 1.4.
- **Imports and Exports:** Tables 3.1b, 4.2, 6.1, A2-A8, and Section 2, “Energy Consumption Notes and Sources,” Notes 8 and 9.
- **Net Imports:** Table 1.5.

Table 1.3

- **Coal:** Tables 6.1 and A5-A7.
- **Natural Gas (Dry):** Tables 4.1 and A4.
- **Crude Oil and Natural Gas Plant Liquids:** Tables 3.1a and A2.
- **Nuclear Electric Power:** Tables 7.1 and A8.
- **Hydroelectric Power:** Table 7.1; Section 2, “Energy Consumption Notes and Sources,” Note 8; and Table A8.
- **Geothermal Energy and Other:** Section 2, “Energy Consumption Notes and Sources,” Note 7, and Table A8.

Table 1.4

- **Coal:** Tables 6.1 and A5-A7.
- **Natural Gas:** Tables 4.2 and A4.
- **Petroleum:** Tables 3.1a and A3.
- **Nuclear Electric Power:** Tables 7.1 and A8.
- **Hydroelectric Power:** Table 7.1; Section 2, “Energy Consumption Notes and Sources,” Note 8; and Table A8.
- **Geothermal Energy and Other:** Section 2, “Energy Consumption Notes and Sources,” Note 7, and Table A8.

Table 1.5

- **Coal:** Tables 6.1 and A5-A7.
- **Natural Gas:** Tables 4.2 and A4.
- **Crude Oil and Petroleum Products:** Tables 3.1b and A2.
- **Electricity:** Section 2, “Energy Consumption Notes and Sources,” Note 8, and Table A8.
- **Coal Coke:** Section 2, “Energy Consumption Notes and Sources,” Note 9, and Table A7.

Table 1.6

U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division:

- **Petroleum Exports—1974-1987:** “U.S. Exports,” FT410, December issues. **1988:** “Report on U.S. Merchandise Trade, 1988 Final Revisions.” **1989:** “Report on U.S. Merchandise Trade, 1989 Revisions.” **1990:** “U.S. Merchandise Trade: 1990 Final Report.” **1991:**

“U.S. Merchandise Trade: 1991 Final Report,” May 13, 1992. **1992:** “U.S. Merchandise Trade: 1992 Final Report,” May 12, 1993.

- **Petroleum Imports—1974-1987:** “U.S. Merchandise Trade,” FT900, December issues, 1975-1988. **1988:** “Report on U.S. Merchandise Trade, 1988 Final Revisions.” **1989:** “Report on U.S. Merchandise Trade, 1989 Revisions.” **1990:** “U.S. Merchandise Trade: 1990 Final Report.” **1991:** “U.S. Merchandise Trade: 1991 Final Report,” May 13, 1992, and “U.S. Merchandise Trade: October 1992,” December 17, 1992, page 3. **1992:** “U.S. Merchandise Trade: 1992 Final Report,” May 12, 1993.

- **Energy Exports and Imports—1974-1987:** U.S. merchandise trade press releases and database printouts for adjustments. **1988:** January-July, monthly FT900 supplement, 1989 issues. August-December, monthly FT900, 1989 issues. **1989:** Monthly FT900, 1990 issues. **1990:** “U.S. Merchandise Trade: 1990 Final Report.” **1991:** “U.S. Merchandise Trade: 1991 Final Report,” May 13, 1992, and “U.S. Merchandise Trade: October 1992,” December 17, 1992, page 3. **1992:** “U.S. Merchandise Trade: 1992 Final Report,” May 12, 1993.

- **Total Merchandise—1974-1987:** U.S. merchandise trade press releases and database printouts for adjustments. **1988:** “Report on U.S. Merchandise Trade, 1988 Final Revisions,” August 18, 1989. **1989:** “Report on U.S. Merchandise Trade, 1989 Revisions,” July 10, 1990. **1990:** “U.S. Merchandise Trade: 1990 Final Report,” May 10, 1991, and “U.S. Merchandise Trade: December 1992,” February 18, 1993, page 3. **1991-1992:** “U.S. Merchandise Trade: 1992 Final Report,” May 12, 1993.

- **Petroleum Balance, Energy Balance, and Non-Energy Balance—**Calculated by the Energy Information Administration.

Table 1.7

- **CPI: 1973-1992—***Economic Report of the President*, February 1994, Table B-59.

- **Annual Data:** Annual prices in Tables 9.4 (All Types), 9.8c, 9.11, and 9.9 (Monthly Series) adjusted by the CPI.

- **Monthly Data:** Monthly prices in Tables 9.4 (All Types), 9.8c, 9.11, and 9.9 (Monthly Series) adjusted by the CPI.

- **Conversion Factors:** Tables A1, A4, and A8.

Table 1.8

- **Imports:** Tables 3.3a-3.3h.

- **Exports 1973-1976—**U.S. Department of the Interior, Bureau of Mines, *Mineral Industry Surveys*. 1977—EIA, *Energy Data Reports*, “Petroleum Statement, Annual.” **1978-1980—**EIA, *Energy Data Reports*, “Petroleum Statement, Annual,” and U.S. Department of Commerce, Census Bureau, Form EM-522. **1981-1992—**EIA, *Petroleum Supply Annual*.

- **Petroleum Products Supplied:** Table 3.1a.

Table 1.9

- **Energy Consumption:** Table 1.4.

- **Gross Domestic Product: 1973-1991—**U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, September 1993, Table 2. **1992—**U.S. Department of Commerce, Bureau of Economic Analysis, *United States Department of Commerce News*, March 31, 1994, Table 2.

Table 1.10

Indices are prepared from statistics published by the U.S. Department of Transportation, Federal Highway Administration, Federal Highway Statistics Division.

- **1973-1985—***Highway Statistics Summary to 1985*, Table VM-201A.

- **1986-1992—***Highway Statistics*, annual, Table VM-1.

Table 1.11

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC, *Historical Climatology Series 5-1*.

Table 1.12

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC, *Historical Climatology Series 5-2*.

Table 1.13

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Climatic Data Center, Asheville, NC, *Historical Climatology Series 5-1* and 5-2.

Section 2

Energy Consumption



The transportation sector accounts for over a fourth of all energy consumed in the United States.

Table 2.1 Energy Consumption Summary, Annual Data, 1973-1992

(Quadrillion Btu)

Sector and Energy Source	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Residential and Commercial										
Coal	0.254	0.257	0.209	0.203	0.205	0.214	0.187	0.145	0.167	0.187
Natural Gas ^a	7.626	7.518	7.581	7.866	7.461	7.624	7.891	7.540	7.243	7.427
Petroleum	4.391	3.996	3.805	4.181	4.206	4.070	3.448	3.035	2.634	2.449
Primary Consumption	12.270	11.771	11.595	12.250	11.873	11.908	11.525	10.721	10.043	10.063
Electricity	3.495	3.475	3.604	3.747	3.955	4.116	4.184	4.355	4.497	4.566
Net Consumption	15.766	15.246	15.200	15.997	15.828	16.023	15.709	15.075	14.541	14.629
Electrical System Energy Losses	8.377	^R 8.480	8.700	^R 9.021	^R 9.556	^R 10.061	^R 10.100	^R 10.580	^R 10.700	^R 11.000
Total Consumption^b	24.143	^R 23.725	^R 23.899	^R 25.018	^R 25.384	^R 26.084	^R 25.808	^R 25.655	^R 25.241	^R 25.629
Industrial										
Coal	4.057	3.870	3.667	3.661	3.454	3.314	3.593	3.155	3.157	2.552
Natural Gas ^a	10.388	10.004	8.532	8.762	8.635	8.539	8.549	8.395	8.257	7.121
Petroleum	9.104	8.694	8.146	9.010	9.774	9.867	10.568	9.525	8.285	7.794
Hydroelectric Power	.035	.033	.032	.033	.033	.032	.034	.033	.033	.033
Net Imports of Coal Coke	-.007	.056	.014	(s)	.015	.125	.063	-.035	-.016	-.022
Primary Consumption	23.576	22.657	20.391	21.465	21.911	21.876	22.807	21.073	19.715	17.479
Electricity	2.341	2.337	2.346	2.573	2.682	2.761	2.873	2.781	2.817	2.542
Net Consumption	25.917	24.994	22.737	24.038	24.593	24.637	25.679	23.854	22.533	20.020
Electrical System Energy Losses	5.611	^R 5.700	^R 5.665	^R 6.198	^R 6.484	^R 6.755	^R 6.936	^R 6.752	^R 6.707	^R 6.125
Total Consumption^b	31.528	^R 30.694	^R 28.402	^R 30.236	^R 31.077	^R 31.392	^R 32.616	^R 30.606	^R 29.240	^R 26.145
Transportation										
Coal	.003	.002	.001	(s)	(s)	(^c)	(^c)	(^c)	(^c)	(^c)
Natural Gas ^d	.743	.685	.595	.559	.543	.539	.612	.650	.658	.612
Petroleum	17.831	17.399	17.614	18.506	19.241	20.041	19.825	19.008	18.811	18.420
Primary Consumption	18.576	18.086	18.209	19.065	19.784	20.580	20.436	19.658	19.469	19.032
Electricity	.008	.009	.010	.010	.010	.009	.010	.011	.011	.011
Net Consumption	18.584	18.095	18.219	19.076	19.794	20.589	20.447	19.669	19.480	19.043
Electrical System Energy Losses	.020	.022	.025	.025	.025	.022	.025	.026	.026	.026
Total Consumption^b	18.605	18.117	18.244	19.101	19.819	20.611	20.472	19.695	19.507	19.069
End-Use Consumption										
Coal ^e	4.313	4.129	3.877	3.864	3.660	3.527	3.779	3.300	3.323	2.739
Natural Gas ^e	18.764	18.213	16.708	17.194	16.647	16.704	17.053	16.584	16.160	15.163
Petroleum	31.325	30.090	29.565	31.698	33.222	33.978	33.840	31.569	29.729	28.664
Hydroelectric Power	.035	.033	.032	.033	.033	.032	.034	.033	.033	.033
Net Imports of Coal Coke	-.007	.056	.014	(s)	.015	.125	.063	-.035	-.016	-.022
Primary Consumption	54.430	52.521	50.196	52.788	53.575	54.365	54.770	51.451	49.230	46.578
Electricity	5.844	5.821	5.961	6.330	6.648	6.885	7.067	7.146	7.326	7.119
Net Consumption	60.274	58.341	56.157	59.119	60.223	61.251	61.836	58.597	56.556	53.697
Electrical System Energy Losses	14.008	14.202	14.389	15.243	16.065	16.838	17.061	17.359	17.434	17.151
Total Consumption^b	74.282	72.543	70.546	74.362	76.288	78.089	78.898	75.955	73.990	70.848
Electric Utilities										
Coal	8.658	8.534	8.786	9.720	10.262	10.238	11.260	12.123	12.583	12.582
Natural Gas ^a	3.748	3.519	3.240	3.152	3.284	3.297	3.613	3.810	3.768	3.342
Petroleum ^f	3.515	3.365	3.166	3.477	3.901	3.987	3.283	2.634	2.202	1.568
Nuclear Electric Power	.910	1.272	1.900	2.111	2.702	3.024	2.776	2.739	3.008	3.131
Hydroelectric Power ^g	2.975	3.276	3.187	3.032	2.482	3.110	3.107	3.085	3.072	3.539
Geothermal	.043	.053	.070	.078	.077	.064	.084	.110	.123	.105
Other ^h	.003	.003	.002	.003	.005	.003	.005	.005	.004	.003
Total	19.852	20.022	20.350	21.574	22.713	23.724	24.128	24.505	24.760	24.270
All Sectors										
Coal	12.971	12.663	12.663	13.584	13.922	13.765	15.039	15.423	15.907	15.322
Natural Gas ^a	22.512	21.732	19.948	20.345	19.931	20.000	20.666	20.394	19.928	18.505
Petroleum	34.840	33.455	32.731	35.175	37.122	37.965	37.123	34.202	31.931	30.231
Nuclear Electric Power	.910	1.272	1.900	2.111	2.702	3.024	2.776	2.739	3.008	3.131
Hydroelectric Power ⁱ	3.010	3.309	3.219	3.066	2.515	3.141	3.141	3.118	3.105	3.572
Geothermal	.043	.053	.070	.078	.077	.064	.084	.110	.123	.105
Net Imports of Coal Coke	-.007	.056	.014	(s)	.015	.125	.063	-.035	-.016	-.022
Other ^h	.003	.003	.002	.003	.005	.003	.005	.005	.004	.003
Primary Consumption^b	74.282	72.543	70.546	74.362	76.288	78.089	78.898	75.955	73.990	70.848

See footnotes at end of table.

Table 2.1 Energy Consumption Summary, Annual Data, 1973-1992 (Continued)

(Quadrillion Btu)

Sector and Energy Source	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Residential and Commercial										
Coal	0.192	0.209	0.176	0.176	0.162	0.168	0.146	0.156	0.141	0.142
Natural Gas ^a	7.024	7.292	7.079	6.825	6.954	7.513	7.731	7.225	7.510	7.726
Petroleum	2.498	R 2.535	R 2.522	R 2.555	R 2.587	R 2.600	2.525	2.173	2.154	2.126
Primary Consumption	9.715	R 10.036	R 9.777	R 9.556	R 9.703	R 10.280	10.402	9.553	9.805	9.993
Electricity	4.680	4.928	5.061	5.235	5.443	5.724	5.859	6.015	6.180	6.096
Net Consumption	14.395	R 14.964	R 14.839	R 14.791	R 15.146	R 16.004	16.261	15.568	15.986	16.090
Electrical System Energy Losses	R 11.232	R 11.510	R 11.865	R 12.061	R 12.477	R 12.920	13.143	13.218	13.439	13.010
Total Consumption^b	R 25.627	R 26.474	R 26.704	R 26.852	R 27.623	R 28.925	29.404	28.786	29.424	29.100
Industrial										
Coal	2.490	2.842	2.760	R 2.640	2.673	2.828	2.787	2.756	2.601	2.515
Natural Gas ^a	6.826	7.448	7.080	6.690	7.323	7.696	8.131	8.502	8.619	8.967
Petroleum	7.420	R 8.014	R 7.805	R 7.920	R 8.150	R 8.430	8.133	8.319	8.057	8.638
Primary Consumption	16.753	R 18.325	R 17.665	R 17.267	R 18.188	R 19.026	19.113	19.615	19.319	20.180
Electricity	2.648	2.859	2.855	2.834	2.928	3.059	3.158	3.226	3.230	3.319
Net Consumption	19.401	R 21.184	R 20.520	R 20.101	R 21.116	R 22.085	22.272	22.841	22.549	23.498
Electrical System Energy Losses	R 6.359	R 6.683	R 6.694	R 6.529	R 6.710	R 6.901	7.082	7.095	7.021	7.079
Total Consumption^b	R 25.759	R 27.867	R 27.214	R 26.630	R 27.826	R 28.986	29.353	29.936	29.570	30.577
Transportation										
Coal	(^c)	(^c)	(^c)	(^c)	(^c)	(^c)	(^c)	(^c)	(^c)	(^c)
Natural Gas ^d	.505	.545	.519	.499	.535	.632	.649	.680	.620	.606
Petroleum	18.593	R 19.216	R 19.504	R 20.269	R 20.871	R 21.629	21.868	21.810	21.456	21.812
Primary Consumption	19.098	R 19.761	R 20.024	R 20.768	R 21.406	R 22.260	22.517	22.490	22.076	22.418
Electricity	.011	.012	.013	.013	.013	.014	.014	.014	.014	.014
Net Consumption	19.109	R 19.773	R 20.036	R 20.781	R 21.419	R 22.274	22.530	22.504	22.090	22.432
Electrical System Energy Losses	.026	.028	.030	R .031	.029	.031	.031	.031	.030	.029
Total Consumption^b	19.135	R 19.801	R 20.067	R 20.812	R 21.448	R 22.305	22.561	22.535	22.120	22.461
End-Use Consumption										
Coal ^e	2.682	3.051	2.936	R 2.817	2.835	2.996	2.938	2.912	2.742	2.657
Natural Gas ^e	14.359	15.287	14.674	14.017	14.809	15.843	16.513	16.414	16.750	17.304
Petroleum	28.510	29.765	29.832	30.744	31.608	32.659	32.526	32.302	31.668	32.576
Primary Consumption	45.568	48.124	R 47.462	R 47.594	R 49.294	R 51.569	52.039	51.666	51.202	52.597
Electricity	7.339	7.799	7.929	8.082	8.384	8.796	9.031	9.255	9.424	9.429
Net Consumption	52.907	55.923	55.391	R 55.676	57.678	60.366	61.070	60.921	60.626	62.025
Electrical System Energy Losses	17.617	R 18.221	R 18.589	R 18.620	R 19.216	R 19.852	20.255	20.343	20.491	20.119
Total Consumption^b	70.524	R 74.144	R 73.981	R 74.297	R 76.894	R 80.218	81.325	81.265	81.116	82.144
Electric Utilities										
Coal	13.213	14.020	14.542	14.444	15.173	15.850	15.988	16.189	16.028	16.211
Natural Gas ^a	2.998	3.220	3.160	2.691	2.935	2.709	2.871	2.882	2.856	2.826
Petroleum ^f	1.544	1.286	1.090	1.452	1.257	1.563	1.685	1.250	1.178	.951
Nuclear Electric Power	3.203	3.553	4.149	4.471	4.906	5.661	5.677	6.161	6.579	6.607
Hydroelectric Power ^g	3.866	R 3.767	R 3.365	R 3.413	R 3.084	R 2.630	2.848	2.914	3.083	2.760
Geothermal	.129	.165	.198	.219	.229	.217	.197	.181	.170	.170
Other ^h	.004	.009	.015	.012	.016	.017	.020	.021	.021	.022
Total	24.956	R 26.020	R 26.519	R 26.703	R 27.600	R 28.648	29.286	29.599	29.915	29.547
All Sectors										
Coal	15.894	R 17.071	17.478	R 17.261	18.008	18.846	18.925	19.101	18.770	18.868
Natural Gas ^a	17.357	18.507	17.834	16.708	17.744	18.552	19.384	19.296	19.606	20.131
Petroleum	30.054	31.051	30.922	32.196	32.865	34.222	34.211	33.553	32.845	33.527
Nuclear Electric Power	3.203	3.553	4.149	4.471	4.906	5.661	5.677	6.161	6.579	6.607
Hydroelectric Power ⁱ	3.899	R 3.800	R 3.398	R 3.446	R 3.117	R 2.662	2.881	2.946	3.115	2.793
Geothermal	.129	.165	.198	.219	.229	.217	.197	.181	.170	.170
Net Imports of Coal Coke	-.016	-.011	-.013	-.017	.009	.040	.030	.005	.009	.027
Other ^h	.004	.009	.015	.012	.016	.017	.020	.021	.021	.022
Primary Consumption^b	70.524	R 74.144	R 73.981	R 74.297	R 76.894	R 80.218	81.325	81.265	81.116	82.144

^a Includes supplemental gaseous fuels.

^b Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, 3.3 quadrillion Btu of renewable energy consumed by U.S. electric utilities to generate electricity for distribution is included, but an estimated 3.4 quadrillion Btu of renewable energy used by other sectors is not included.

^c Since 1978, the small amounts of coal consumed for transportation have been reported as industrial sector consumption.

^d Pipeline fuel only, including supplemental gaseous fuels.

^e Totals may not equal sum of sectors due to the use of sector-specific conversion factors.

^f Includes residual and distillate fuel oils, petroleum coke, and small

amounts of kerosene and jet fuel.

^g Includes net imports of electricity.

^h "Other" is electricity generated for distribution from wood, waste, wind, photovoltaic, and solar thermal energy.

ⁱ Electric utility and industrial production and net imports of electricity.

R=Revised data. (s)=Less than +0.5 trillion Btu and greater than -0.5 trillion Btu.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Additional Notes and Sources: See end of section.

Table 2.2 Energy Consumption by End-Use Sector, 1973-1992

(Quadrillion Btu)

	Residential and Commercial		Industrial		Transportation		Net	Total ^a
	Net	Total	Net	Total	Net	Total		
1973								
January	R 2.242	R 2.986	R 2.164	R 2.626	1.501	1.503	5.910	7.118
February	R 2.032	R 2.666	R 2.003	R 2.412	1.409	1.411	5.446	6.491
March	R 1.705	R 2.356	R 2.056	R 2.505	1.541	1.543	5.301	6.403
April	R 1.297	R 1.888	R 2.013	R 2.452	1.499	1.500	4.807	5.839
May	R 1.055	R 1.685	R 2.170	R 2.652	1.622	1.623	4.845	5.958
June	R .865	R 1.597	R 2.020	R 2.527	1.557	1.559	4.442	5.683
July	R .817	R 1.651	R 2.058	R 2.559	1.615	1.617	4.491	5.828
August	R .849	R 1.700	R 2.190	R 2.700	1.661	1.663	4.702	6.065
September	R .875	R 1.583	R 2.130	R 2.558	1.509	1.510	4.515	5.653
October	R .987	R 1.660	R 2.328	R 2.805	1.594	1.596	4.909	6.060
November	R 1.336	R 1.973	R 2.413	R 2.881	1.553	1.554	5.303	6.410
December	R 1.705	R 2.397	R 2.371	R 2.850	1.524	1.526	5.603	6.775
Total	15.766	24.143	25.917	31.528	18.584	18.605	60.274	74.282
1974								
January	R 2.110	R 2.835	R 2.085	R 2.541	1.410	1.412	5.606	6.788
February	R 1.819	R 2.446	R 2.022	R 2.443	1.314	1.316	5.154	6.204
March	R 1.605	R 2.272	R 2.041	R 2.507	1.477	1.479	5.122	6.258
April	R 1.327	R 1.943	R 1.891	R 2.342	1.467	1.469	4.681	5.750
May	R .997	R 1.672	R 1.993	R 2.503	1.573	1.575	4.562	5.748
June	R .859	R 1.565	R 1.942	R 2.427	1.535	1.537	4.336	5.528
July	R .823	R 1.690	R 2.036	R 2.568	1.598	1.600	4.460	5.861
August	R .819	R 1.650	R 2.121	R 2.625	1.615	1.617	4.557	5.893
September	R .862	R 1.538	R 2.141	R 2.575	1.482	1.483	4.484	5.595
October	R 1.017	R 1.678	R 2.323	R 2.813	1.573	1.574	4.912	6.065
November	R 1.226	R 1.888	R 2.252	R 2.735	1.495	1.497	4.978	6.124
December	R 1.782	R 2.550	R 2.145	R 2.615	1.555	1.557	5.491	6.730
Total	15.246	23.725	24.994	30.694	18.095	18.117	58.341	72.543
1975								
January	R 1.947	R 2.714	R 2.255	R 2.724	1.487	1.489	5.691	6.929
February	R 1.849	R 2.504	R 1.803	R 2.217	1.334	1.336	4.985	6.056
March	R 1.693	R 2.396	R 1.927	R 2.386	1.484	1.486	5.100	6.264
April	R 1.513	R 2.156	R 1.593	R 2.031	1.502	1.503	4.603	5.686
May	R 1.020	R 1.699	R 1.628	R 2.117	1.560	1.562	4.203	5.373
June	R .844	R 1.591	R 1.677	R 2.171	1.552	1.554	4.072	5.314
July	R .825	R 1.686	R 1.778	R 2.276	1.585	1.587	4.190	5.551
August	R .827	R 1.696	R 1.825	R 2.327	1.600	1.602	4.257	5.630
September	R .864	R 1.551	R 1.894	R 2.312	1.519	1.520	4.277	5.384
October	R .946	R 1.612	R 2.122	R 2.611	1.571	1.573	4.639	5.797
November	R 1.118	R 1.769	R 2.030	R 2.514	1.457	1.460	4.607	5.744
December	R 1.753	R 2.526	R 2.206	R 2.716	1.569	1.571	5.533	6.818
Total	15.200	23.899	22.737	28.402	18.219	18.244	56.157	70.546
1976								
January	R 2.216	R 3.067	R 2.105	R 2.596	1.515	1.518	5.841	7.185
February	R 1.914	R 2.610	R 1.807	R 2.245	1.406	1.408	5.128	6.263
March	R 1.574	R 2.286	R 1.857	R 2.370	1.600	1.602	5.030	6.257
April	R 1.245	R 1.880	R 1.780	R 2.260	1.592	1.594	4.614	5.731
May	R 1.032	R 1.686	R 1.879	R 2.395	1.580	1.582	4.487	5.660
June	R .896	R 1.652	R 1.833	R 2.401	1.639	1.641	4.367	5.693
July	R .845	R 1.715	R 1.937	R 2.494	1.675	1.678	4.459	5.887
August	R .838	R 1.701	R 1.949	R 2.492	1.633	1.635	4.424	5.832
September	R .858	R 1.572	R 1.974	R 2.449	1.587	1.589	4.419	5.609
October	R 1.005	R 1.700	R 2.296	R 2.826	1.594	1.596	4.895	6.121
November	R 1.504	R 2.233	R 2.237	R 2.780	1.585	1.587	5.328	6.602
December	R 2.072	R 2.918	R 2.382	R 2.928	1.668	1.671	6.127	7.521
Total	15.997	25.018	24.038	30.236	19.076	19.101	59.119	74.362
1977								
January	R 2.467	R 3.422	R 2.165	R 2.710	1.570	1.572	6.207	7.710
February	R 2.124	R 2.851	R 1.761	R 2.192	1.487	1.489	5.372	6.532
March	R 1.539	R 2.279	R 1.992	R 2.513	1.642	1.645	5.170	6.433
April	R 1.189	R 1.844	R 1.861	R 2.369	1.641	1.643	4.686	5.851
May	R .957	R 1.673	R 1.961	R 2.546	1.640	1.642	4.554	5.857
June	R .873	R 1.674	R 1.999	R 2.585	1.687	1.689	4.557	5.946
July	R .865	R 1.830	R 1.929	R 2.510	1.706	1.709	4.504	6.052
August	R .868	R 1.797	R 2.050	R 2.615	1.731	1.733	4.653	6.149
September	R .867	R 1.657	R 2.113	R 2.623	1.654	1.656	4.638	5.939
October	R 1.006	R 1.714	R 2.235	R 2.757	1.668	1.670	4.908	6.140
November	R 1.228	R 1.943	R 2.224	R 2.778	1.640	1.642	5.094	6.365
December	R 1.844	R 2.701	R 2.304	R 2.878	1.728	1.731	5.882	7.314
Total	15.828	25.384	24.593	31.077	19.794	19.819	60.223	76.288

See footnotes at end of table.

Table 2.2 Energy Consumption by End-Use Sector, 1973-1992 (Continued)

(Quadrillion Btu)

	Residential and Commercial		Industrial		Transportation		Net	Total ^a
	Net	Total	Net	Total	Net	Total		
1978								
January	R 2.118	R 3.084	R 2.286	R 2.862	1.619	1.621	6.030	7.574
February	R 2.127	R 2.964	R 1.932	R 2.407	1.525	1.526	5.592	6.905
March	R 1.833	R 2.656	R 1.898	R 2.405	1.732	1.734	5.469	6.801
April	R 1.248	R 1.937	R 1.923	R 2.433	1.646	1.648	4.815	6.016
May	R 1.052	R 1.799	R 1.998	R 2.604	1.784	1.785	4.829	6.183
June	R .886	R 1.725	R 1.895	R 2.505	1.767	1.768	4.544	5.995
July	R .865	R 1.839	R 1.995	R 2.592	1.749	1.751	4.607	6.179
August	R .898	R 1.879	R 2.008	R 2.615	1.830	1.832	4.736	6.326
September	R .907	R 1.740	R 1.978	R 2.511	1.691	1.692	4.574	5.942
October	R 1.021	R 1.766	R 2.197	R 2.755	1.760	1.761	4.974	6.278
November	R 1.269	R 2.016	R 2.224	R 2.808	1.723	1.725	5.214	6.547
December	R 1.798	R 2.681	R 2.302	R 2.896	1.765	1.767	5.866	7.344
Total	16.023	R 26.084	24.637	R 31.392	20.589	20.611	61.251	78.089
1979								
January	R 2.229	R 3.250	R 2.363	R 2.960	1.711	1.713	6.308	7.928
February	R 2.217	R 3.087	R 2.020	R 2.538	1.628	1.630	5.869	7.258
March	1.733	2.549	2.108	R 2.659	1.779	1.781	5.618	6.987
April	R 1.302	R 2.015	R 1.914	R 2.460	1.663	1.665	4.875	6.137
May	R .999	R 1.741	R 2.092	R 2.701	1.747	1.749	4.835	6.187
June	R .847	R 1.654	R 2.009	R 2.621	1.701	1.703	4.555	5.976
July	R .822	R 1.765	R 2.017	R 2.642	1.701	1.703	4.541	6.111
August	R .852	R 1.821	R 2.119	R 2.725	1.774	1.777	R 4.746	R 6.324
September	R .840	R 1.647	R 2.061	R 2.590	1.654	1.656	R 4.553	R 5.891
October	R .965	R 1.740	R 2.316	R 2.904	1.740	1.742	5.019	6.385
November	R 1.240	R 2.007	R 2.295	R 2.876	1.643	1.645	5.179	6.530
December	R 1.663	R 2.532	R 2.365	R 2.939	1.706	1.708	5.738	7.183
Total	15.709	R 25.808	25.679	R 32.616	20.447	20.472	61.836	78.898
1980								
January	1.928	2.874	2.305	2.877	1.651	1.653	5.882	7.403
February	1.931	2.790	2.045	2.581	1.590	1.592	5.565	6.962
March	1.687	2.536	2.104	2.662	1.652	1.654	5.439	6.848
April	1.228	1.953	1.856	2.382	1.657	1.659	4.734	5.986
May .....	.946	1.707	1.881	2.467	1.667	1.669	4.487	5.837
June .....	.839	1.711	1.782	2.377	1.604	1.606	4.225	5.693
July .....	.823	1.926	1.729	2.331	1.679	1.682	4.238	5.944
August .....	.828	1.914	1.736	2.305	1.647	1.650	4.217	5.874
September .....	.848	1.740	1.947	2.463	1.586	1.588	4.384	5.794
October .....	.975	1.768	2.156	2.704	1.676	1.678	4.808	6.151
November	1.261	2.049	2.074	2.639	1.565	1.567	4.901	6.256
December	1.779	2.686	2.238	2.819	1.693	1.695	5.714	7.205
Total	15.075	R 25.655	23.854	R 30.606	19.669	19.695	58.597	75.955
1981								
January	2.150	3.156	2.100	2.641	1.657	1.660	5.910	7.460
February	1.822	2.641	1.735	2.218	1.471	1.473	5.028	6.332
March	1.479	2.318	1.953	2.507	1.614	1.616	5.044	6.440
April	1.075	1.835	1.731	2.275	1.599	1.601	4.403	5.709
May .....	.908	1.708	1.838	2.421	1.632	1.635	4.380	5.765
June .....	.810	1.761	1.752	2.390	1.661	1.664	4.227	5.818
July .....	.818	1.903	1.798	2.417	1.699	1.701	4.316	6.022
August .....	.826	1.849	1.835	2.419	1.654	1.656	4.314	5.923
September .....	.805	1.659	1.862	2.390	1.603	1.605	4.267	5.650
October	1.000	1.811	1.971	2.521	1.640	1.642	4.610	5.973
November	1.195	1.990	1.881	2.414	1.571	1.573	4.647	5.976
December	1.651	2.609	2.076	2.628	1.677	1.679	5.409	6.922
Total	14.541	R 25.241	22.533	R 29.240	19.480	19.507	56.556	73.990
1982								
January	R 2.108	R 3.193	R 2.007	R 2.537	1.534	1.536	5.648	7.266
February	R 1.873	R 2.748	R 1.643	R 2.102	1.447	1.449	4.960	6.295
March	R 1.584	R 2.470	R 1.746	R 2.269	1.618	1.620	4.944	6.356
April	R 1.310	R 2.109	R 1.630	R 2.123	1.619	1.621	4.555	5.850
May .....	.900	1.723	1.542	2.078	1.611	1.614	4.050	5.412
June .....	.789	1.674	1.552	2.090	1.609	1.611	3.949	5.374
July .....	.793	1.878	1.561	2.124	1.637	1.640	3.994	5.645
August .....	.813	1.867	1.616	2.144	1.605	1.607	4.038	5.622
September .....	.862	1.764	1.572	2.031	1.574	1.576	4.010	5.373
October .....	.908	1.736	1.738	2.230	1.575	1.577	4.222	5.545
November	R 1.135	R 1.969	R 1.755	R 2.263	1.580	1.582	4.473	5.818
December	R 1.555	R 2.497	R 1.661	R 2.155	1.632	1.634	4.854	6.293
Total	14.629	R 25.629	20.020	R 26.145	19.043	19.069	53.697	70.848

See footnotes at end of table.

Table 2.2 Energy Consumption by End-Use Sector, 1973-1992 (Continued)

(Quadrillion Btu)

	Residential and Commercial		Industrial		Transportation		Net	Total ^a
	Net	Total	Net	Total	Net	Total		
1983								
January	R 2.029	R 3.033	R 1.697	R 2.179	R 1.496	R 1.498	R 5.223	R 6.712
February	R 1.686	R 2.519	R 1.565	R 1.996	R 1.368	R 1.370	R 4.619	R 5.884
March	R 1.530	R 2.417	R 1.627	R 2.126	R 1.653	R 1.656	R 4.811	R 6.199
April	R 1.283	R 2.086	R 1.573	R 2.045	R 1.536	R 1.538	R 4.388	R 5.665
May	R .938	R 1.749	R 1.620	R 2.151	R 1.605	R 1.607	R 4.162	R 5.505
June	R .807	R 1.712	R 1.565	R 2.134	R 1.647	R 1.649	R 4.022	R 5.499
July	R .830	R 1.954	R 1.548	R 2.134	R 1.656	R 1.659	R 4.038	R 5.750
August	R .874	R 2.047	R 1.568	R 2.158	R 1.681	R 1.683	R 4.127	R 5.893
September	R .859	R 1.801	R 1.582	R 2.079	R 1.601	R 1.603	R 4.044	R 5.484
October	R .873	R 1.715	R 1.632	R 2.174	R 1.616	R 1.618	R 4.120	R 5.506
November	R 1.098	R 1.940	R 1.714	R 2.268	R 1.557	R 1.559	R 4.367	R 5.764
December	R 1.588	R 2.655	R 1.708	R 2.316	R 1.691	R 1.693	R 4.986	R 6.663
Total	14.395	25.627	19.401	25.759	19.109	19.135	52.907	70.524
1984								
January	R 2.201	R 3.304	R 2.030	R 2.552	R 1.589	R 1.591	R 5.823	R 7.450
February	R 1.754	R 2.655	R 1.821	R 2.312	R 1.467	R 1.469	R 5.041	R 6.436
March	R 1.622	2.562	R 1.894	R 2.455	R 1.626	R 1.628	5.142	R 6.645
April	R 1.309	R 2.118	R 1.811	R 2.334	R 1.614	R 1.616	4.728	R 6.063
May	R 1.008	R 1.884	R 1.783	R 2.373	R 1.705	R 1.707	R 4.491	R 5.960
June	R .849	R 1.834	R 1.672	R 2.287	R 1.688	R 1.691	R 4.210	R 5.814
July	R .856	R 1.954	R 1.675	R 2.268	R 1.719	R 1.721	R 4.253	R 5.946
August	R .873	R 2.011	R 1.695	R 2.323	R 1.777	R 1.779	R 4.348	R 6.117
September	R .870	R 1.788	R 1.644	R 2.156	R 1.612	R 1.615	4.126	R 5.558
October	R .900	R 1.780	R 1.732	R 2.291	R 1.691	R 1.694	4.325	R 5.766
November	R 1.144	R 2.027	R 1.694	R 2.245	R 1.631	R 1.633	4.471	R 5.907
December	R 1.577	R 2.556	R 1.733	R 2.271	R 1.654	R 1.656	4.965	R 6.484
Total	14.964	26.474	21.184	27.867	19.773	19.801	55.923	74.144
1985								
January	R 1.922	R 3.071	R 1.925	R 2.510	R 1.603	R 1.606	R 5.453	R 7.189
February	R 2.027	R 2.976	R 1.765	R 2.242	R 1.481	R 1.483	R 5.273	R 6.701
March	R 1.524	R 2.442	R 1.745	R 2.280	R 1.658	R 1.660	R 4.926	R 6.381
April	R 1.184	R 2.008	R 1.697	R 2.224	R 1.674	R 1.676	R 4.549	R 5.902
May	R .887	R 1.782	R 1.689	R 2.283	R 1.730	R 1.733	R 4.303	R 5.795
June	R .831	R 1.811	R 1.606	R 2.192	R 1.674	R 1.677	R 4.112	R 5.681
July	R .857	R 2.001	R 1.624	R 2.228	R 1.749	R 1.752	R 4.232	R 5.983
August	R .872	R 2.004	R 1.657	R 2.252	R 1.790	R 1.793	R 4.320	R 6.050
September	R .879	R 1.841	R 1.591	R 2.105	R 1.616	R 1.618	R 4.085	R 5.564
October	R .941	R 1.845	R 1.713	R 2.268	R 1.720	R 1.723	R 4.374	R 5.836
November	R 1.122	R 2.026	R 1.654	R 2.205	R 1.633	R 1.635	R 4.408	R 5.866
December	R 1.792	R 2.896	R 1.854	R 2.423	R 1.709	R 1.712	R 5.357	R 7.034
Total	14.839	26.704	20.520	27.214	20.036	20.067	55.391	73.981
1986								
January	R 2.033	R 3.131	R 1.931	R 2.448	R 1.645	R 1.647	R 5.609	R 7.225
February	R 1.793	R 2.710	R 1.774	R 2.256	R 1.488	R 1.490	R 5.054	R 6.456
March	R 1.572	R 2.491	R 1.834	R 2.362	R 1.727	R 1.729	R 5.130	R 6.579
April	R 1.149	R 1.988	R 1.689	R 2.215	R 1.708	R 1.710	R 4.540	R 5.907
May	R .942	R 1.854	R 1.677	R 2.260	R 1.773	R 1.775	R 4.387	R 5.885
June	R .855	1.899	R 1.573	R 2.146	R 1.755	R 1.757	R 4.183	R 5.803
July	R .901	R 2.160	R 1.522	R 2.122	R 1.850	R 1.853	R 4.279	R 6.141
August	R .903	R 2.044	R 1.557	R 2.104	R 1.859	R 1.862	R 4.324	R 6.015
September	R .863	R 1.859	R 1.534	R 2.069	R 1.693	R 1.695	R 4.092	R 5.626
October	R .955	1.883	R 1.633	R 2.173	R 1.796	R 1.799	R 4.386	R 5.856
November	R 1.166	2.104	R 1.602	R 2.152	R 1.688	R 1.690	R 4.457	R 5.948
December	R 1.658	R 2.728	R 1.776	R 2.322	R 1.799	R 1.802	R 5.236	R 6.855
Total	14.791	26.852	20.101	26.630	20.781	20.812	55.676	74.297
1987								
January	R 1.944	R 3.088	R 1.999	R 2.531	R 1.683	R 1.685	R 5.628	R 7.307
February	R 1.787	R 2.726	R 1.799	R 2.271	R 1.577	R 1.579	R 5.163	R 6.576
March	R 1.589	R 2.559	R 1.724	R 2.260	R 1.771	R 1.773	R 5.085	R 6.593
April	R 1.235	R 2.117	R 1.729	R 2.256	R 1.772	R 1.774	R 4.732	R 6.143
May	R .953	R 1.927	R 1.641	R 2.228	R 1.850	R 1.852	R 4.442	R 6.006
June	R .886	1.991	R 1.669	R 2.274	R 1.822	R 1.825	R 4.381	R 6.094
July	R .943	R 2.214	R 1.711	R 2.325	R 1.895	R 1.897	R 4.552	R 6.440
August	R .935	2.191	R 1.670	R 2.265	R 1.865	R 1.868	R 4.473	R 6.326
September	R .919	R 1.921	R 1.719	R 2.258	R 1.759	R 1.761	R 4.396	R 5.939
October	R 1.046	R 1.971	R 1.801	R 2.361	R 1.851	R 1.853	R 4.695	R 6.182
November	R 1.225	2.149	R 1.725	R 2.288	R 1.740	R 1.743	R 4.687	R 6.176
December	R 1.683	R 2.770	R 1.929	R 2.507	R 1.835	R 1.838	R 5.445	R 7.112
Total	15.146	27.623	21.116	27.826	21.419	21.448	57.678	76.894

See footnotes at end of table.

Table 2.2 Energy Consumption by End-Use Sector, 1973-1992 (Continued)

(Quadrillion Btu)

	Residential and Commercial		Industrial		Transportation		Net	Total ^a
	Net	Total	Net	Total	Net	Total		
1988								
January	R 2.159	R 3.356	R 1.928	R 2.479	R 1.780	R 1.783	5.869	R 7.619
February	R 1.951	R 2.981	R 1.917	R 2.434	R 1.712	R 1.714	5.580	R 7.129
March	R 1.662	R 2.672	R 2.001	R 2.554	R 1.869	R 1.872	5.530	R 7.095
April	R 1.252	R 2.147	R 1.735	R 2.268	R 1.827	R 1.830	R 4.811	R 6.242
May	R 1.014	R 1.963	R 1.739	R 2.336	R 1.875	R 1.877	4.626	R 6.174
June	R .913	R 2.031	R 1.725	R 2.351	R 1.908	R 1.911	4.550	R 6.297
July	R .982	R 2.296	R 1.689	R 2.313	R 1.919	R 1.922	4.594	R 6.535
August	R 1.018	R 2.378	R 1.810	R 2.445	R 1.938	R 1.941	4.771	R 6.770
September	R .948	R 1.975	R 1.785	R 2.322	R 1.838	R 1.840	4.571	R 6.138
October	R 1.059	R 2.013	R 1.908	R 2.477	R 1.886	R 1.889	4.852	R 6.377
November	R 1.296	R 2.248	R 1.861	R 2.428	R 1.827	R 1.830	R 4.982	R 6.503
December	R 1.749	R 2.866	R 1.987	R 2.577	R 1.894	R 1.896	5.630	R 7.339
Total	R 16.004	R 28.925	R 22.085	R 28.986	R 22.274	R 22.305	60.366	R 80.218
1989								
January	1.963	3.085	1.945	2.500	1.799	1.802	5.708	7.388
February	1.887	2.928	1.832	2.370	1.693	1.695	5.412	6.993
March	1.760	2.828	1.948	2.508	1.926	1.928	5.631	7.262
April	1.297	2.226	1.810	2.359	1.801	1.803	4.905	6.385
May	1.030	2.034	1.802	2.423	1.903	1.906	4.735	6.362
June .....	.949	2.060	1.783	2.403	1.941	1.943	4.674	6.408
July .....	.966	2.260	1.744	2.378	1.910	1.913	4.623	6.554
August .....	.989	2.260	1.812	2.448	1.993	1.996	4.800	6.709
September .....	.972	2.024	1.769	2.322	1.840	1.843	4.583	6.190
October	1.053	2.040	1.943	2.537	1.908	1.911	4.903	6.486
November	1.329	2.315	1.882	2.471	1.855	1.857	5.065	6.643
December	2.066	3.344	2.001	2.634	1.962	1.964	6.032	7.945
Total	16.261	29.404	22.272	29.353	22.530	22.561	61.070	81.325
1990								
January	2.014	3.172	2.024	2.551	1.819	1.822	5.858	7.546
February	1.689	2.670	1.835	2.364	1.718	1.720	5.240	6.753
March	1.545	2.585	1.942	2.526	1.920	1.923	5.406	7.033
April	1.275	2.219	1.882	2.442	1.838	1.840	4.993	6.500
May	1.026	2.037	1.901	2.518	1.928	1.931	4.854	6.484
June .....	.957	2.136	1.808	2.460	1.894	1.897	4.661	6.495
July	1.010	2.335	1.829	2.461	1.949	1.952	4.791	6.751
August	1.006	2.324	1.955	2.615	2.019	2.022	4.984	6.966
September	1.001	2.121	1.849	2.409	1.796	1.798	4.649	6.330
October	1.050	2.070	1.976	2.573	1.912	1.915	4.938	6.558
November	1.272	2.235	1.894	2.461	1.849	1.851	5.014	6.547
December	1.724	2.880	1.945	2.554	1.862	1.864	5.533	7.301
Total	15.568	28.786	22.841	29.936	22.504	22.535	60.921	81.265
1991								
January	2.141	3.376	2.048	2.620	1.795	1.798	5.984	7.795
February	1.754	2.729	1.765	2.261	1.653	1.655	5.170	6.643
March	1.585	2.632	1.856	2.420	1.842	1.844	5.280	6.893
April	1.234	2.179	1.788	2.339	1.784	1.786	4.805	6.302
May	1.024	2.111	1.757	2.397	1.882	1.885	4.663	6.394
June .....	.972	2.171	1.764	2.381	1.863	1.866	4.603	6.421
July	1.029	2.396	1.822	2.463	1.952	1.955	4.808	6.818
August	1.002	2.327	1.869	2.511	1.953	1.956	4.828	6.798
September .....	.982	2.078	1.906	2.461	1.802	1.804	4.690	6.344
October	1.063	2.076	2.001	2.590	1.893	1.896	4.956	6.561
November	1.406	2.421	1.960	2.536	1.783	1.785	5.146	6.740
December	1.793	2.928	2.014	2.591	1.889	1.891	5.694	7.408
Total	15.986	29.424	22.549	29.570	22.090	22.120	60.626	81.116
1992								
January	2.029	3.218	2.062	2.633	1.826	1.828	5.916	7.678
February	1.814	2.816	1.940	2.458	1.716	1.718	5.468	6.989
March	1.596	2.615	2.014	2.590	1.864	1.866	5.472	7.070
April	1.336	2.272	1.909	2.458	1.834	1.837	5.078	6.565
May	1.040	2.021	1.917	2.515	1.897	1.899	4.853	6.435
June .....	.941	2.029	1.860	2.494	1.875	1.878	4.678	6.403
July .....	.995	2.293	1.902	2.558	1.963	1.966	4.865	6.822
August .....	.974	2.195	1.893	2.520	1.952	1.954	4.822	6.673
September .....	.983	2.065	1.862	2.444	1.842	1.844	4.689	6.356
October	1.083	2.066	2.030	2.610	1.911	1.914	5.024	6.590
November	1.381	2.390	1.992	2.588	1.818	1.820	5.190	6.798
December	1.918	3.118	2.118	2.711	1.933	1.936	5.970	7.765
Total	16.090	29.100	23.498	30.577	22.432	22.461	62.025	82.144

^a Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, 3.3 quadrillion Btu of renewable energy consumed by U.S. electric utilities to generate electricity for distribution is included, but an estimated 3.4 quadrillion Btu of renewable energy used by other sectors is not included.

R=Revised data.
 Notes: • Totals may not equal sum of components due to independent rounding and the use of sector-specific conversion factors for natural gas and coal.
 • Geographic coverage is the 50 States and the District of Columbia.
 Additional Notes and Sources: See end of section.

Table 2.3 Residential and Commercial Energy Consumption, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1973								
January	0.032	R 1.261	0.645	R 1.938	0.304	R 2.242	0.744	R 2.986
February .....	.028	R 1.164	.550	R 1.742	.289	R 2.032	.634	R 2.666
March .....	.022	R .978	.428	R 1.428	.276	R 1.705	.651	R 2.356
April .....	.014	R .712	.315	R 1.041	.257	R 1.297	.591	R 1.888
May .....	.014	R .511	.277	R .802	.254	R 1.055	.630	R 1.685
June .....	.014	R .349	.219	R .583	.282	R .865	.732	R 1.597
July .....	.014	R .263	.215	R .492	.325	R .817	.834	R 1.651
August .....	.015	R .253	.245	R .513	.336	R .849	.852	R 1.700
September .....	.021	R .268	.252	R .541	.334	R .875	.708	R 1.583
October .....	.024	R .338	.334	R .696	.291	R .987	.672	R 1.660
November .....	.027	R .621	.417	R 1.065	.271	R 1.336	.637	R 1.973
December .....	.028	R .906	.494	R 1.429	.276	R 1.705	.692	R 2.397
Total .....	.254	7.626	4.391	12.270	3.495	15.766	8.377	24.143
1974								
January .....	.035	R 1.253	.521	R 1.808	.301	R 2.110	.725	R 2.835
February .....	.029	R 1.049	.462	R 1.540	.279	R 1.819	.627	R 2.446
March .....	.024	R .921	.388	R 1.332	.273	R 1.605	.668	R 2.272
April .....	.016	R .742	.306	R 1.065	.262	R 1.327	.616	R 1.943
May .....	.014	R .493	.233	R .739	.258	R .997	.674	R 1.672
June .....	.013	R .352	.207	R .572	.287	R .859	.706	R 1.565
July .....	.012	R .283	.207	R .503	.320	R .823	.867	R 1.690
August .....	.018	R .256	.210	R .484	.335	R .819	.830	R 1.650
September .....	.022	R .268	.254	R .543	.319	R .862	.677	R 1.538
October .....	.024	R .388	.330	R .741	.276	R 1.017	.661	R 1.678
November .....	.023	R .571	.364	R .959	.267	R 1.226	.662	R 1.888
December .....	.027	R .944	.514	R 1.485	.297	R 1.782	.767	R 2.550
Total .....	.257	7.518	3.996	11.771	3.475	15.246	R 8.480	R 23.725
1975								
January .....	.029	R 1.120	.483	R 1.632	.316	R 1.947	.766	R 2.714
February .....	.019	R 1.099	.433	R 1.551	.298	R 1.849	.654	R 2.504
March .....	.019	R 1.010	.375	R 1.404	.290	R 1.693	.703	R 2.396
April .....	.012	R .904	.322	R 1.238	.275	R 1.513	.643	R 2.156
May .....	.010	R .512	.234	R .756	.264	R 1.020	.679	R 1.699
June .....	.011	R .330	.210	R .551	.293	R .844	.747	R 1.591
July .....	.013	R .280	.199	R .492	.333	R .825	.861	R 1.686
August .....	.012	R .253	.214	R .480	.347	R .827	.869	R 1.696
September .....	.017	R .266	.247	R .529	.334	R .864	.687	R 1.551
October .....	.019	R .364	.284	R .667	.279	R .946	.666	R 1.612
November .....	.020	R .519	.307	R .846	.272	R 1.118	.651	R 1.769
December .....	.028	R .925	.497	R 1.450	.303	R 1.753	.773	R 2.526
Total .....	.209	7.581	3.805	11.595	3.604	15.200	8.700	R 23.899
1976								
January .....	.026	R 1.272	.570	R 1.869	.347	R 2.216	.851	R 3.067
February .....	.016	R 1.125	.452	R 1.593	.321	R 1.914	.696	R 2.610
March .....	.015	R .881	.386	R 1.281	.292	R 1.574	.713	R 2.286
April .....	.017	R .677	.275	R .969	.276	R 1.245	.635	R 1.880
May .....	.013	R .494	.254	R .762	.270	R 1.032	.654	R 1.686
June .....	.012	R .357	.237	R .606	.290	R .896	.756	R 1.652
July .....	.009	R .288	.209	R .506	.339	R .845	.870	R 1.715
August .....	.012	R .259	.215	R .486	.353	R .838	.863	R 1.701
September .....	.014	R .271	.237	R .521	.336	R .858	.714	R 1.572
October .....	.018	R .395	.301	R .713	.292	R 1.005	.694	R 1.700
November .....	.021	R .738	.451	R 1.209	.294	R 1.504	.729	R 2.233
December .....	.031	R 1.110	.594	R 1.735	.337	R 2.072	.846	R 2.918
Total .....	.203	7.866	4.181	12.250	3.747	15.997	R 9.021	R 25.018
1977								
January .....	.028	R 1.376	.689	R 2.093	.374	R 2.467	.955	R 3.422
February .....	.019	R 1.212	.539	R 1.770	.353	R 2.124	.727	R 2.851
March .....	.017	R .840	.370	R 1.227	.312	R 1.539	.740	R 2.279
April .....	.017	R .615	.273	R .906	.284	R 1.189	.655	R 1.844
May .....	.013	R .402	.264	R .679	.278	R .957	.715	R 1.673
June .....	.014	R .309	.236	R .559	.314	R .873	.801	R 1.674
July .....	.010	R .264	.218	R .493	.372	R .865	.965	R 1.830
August .....	.013	R .245	.231	R .489	.378	R .868	.929	R 1.797
September .....	.012	R .254	.244	R .511	.357	R .867	.790	R 1.657
October .....	.016	R .370	.308	R .694	.312	R 1.006	.708	R 1.714
November .....	.021	R .584	.333	R .938	.290	1.228	.715	1.943
December .....	.024	R .989	.500	R 1.513	.331	R 1.844	.856	R 2.701
Total .....	.205	7.461	4.206	11.873	3.955	15.828	R 9.556	R 25.384

See footnotes at end of table.

Table 2.3 Residential and Commercial Energy Consumption, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1978								
January	0.023	R 1,226	0.491	R 1,741	0.377	R 2,118	0.966	R 3,084
February .....	.024	R 1,259	.476	R 1,758	.369	R 2,127	.836	R 2,964
March .....	.018	R 1,042	.427	R 1,488	.345	R 1,833	.824	R 2,656
April .....	.016	R .681	.256	R .953	.294	R 1,248	.689	R 1,937
May .....	.014	R .481	.272	R .767	.285	R 1,052	.746	R 1,799
June .....	.014	R .309	.237	R .560	.326	R .886	.838	R 1,725
July .....	.012	R .258	.217	R .487	.378	R .865	.973	R 1,839
August .....	.013	R .235	.263	R .511	.388	R .898	.980	R 1,879
September .....	.014	R .242	.271	R .527	.380	R .907	.833	R 1,740
October .....	.021	R .349	.327	R .696	.325	R 1,021	.745	R 1,766
November .....	.022	R .582	.361	R .965	.304	R 1,269	.747	R 2,016
December .....	.024	R .959	.471	R 1,454	.344	R 1,798	.883	R 2,681
Total .....	.214	7.624	4.070	11.908	4.116	16.023	R 10.061	R 26.084
1979								
January .....	.029	R 1,323	.480	R 1,831	.398	R 2,229	1.021	R 3,250
February .....	.017	R 1,361	.451	R 1,829	.388	R 2,217	.870	R 3,087
March .....	.014	1,027	.340	1,381	.352	1,733	.816	2,549
April .....	.012	R .732	.245	R .990	.312	R 1,302	.714	R 2,015
May .....	.011	.466	.223	.700	.299	R .999	.742	R 1,741
June .....	.011	R .321	.191	R .524	.323	R .847	.806	R 1,654
July .....	.010	R .259	.188	R .457	.365	R .822	.943	R 1,765
August .....	.009	R .241	.209	R .459	.393	R .852	.969	R 1,821
September .....	.012	R .248	.210	R .471	.370	R .840	.807	R 1,647
October .....	.017	R .364	.262	R .643	.321	R .965	.775	R 1,740
November .....	.021	R .612	.292	R .925	.315	R 1,240	.768	R 2,007
December .....	.022	R .936	.357	R 1,315	.348	R 1,663	.869	R 2,532
Total .....	.187	7.891	3.448	11.525	4.184	15.709	R 10.100	R 25.808
1980								
January .....	.019	1,104	.423	1,547	.381	1,928	.946	2,874
February .....	.017	1,182	.357	1,556	.375	1,931	.859	2,790
March .....	.012	1,041	.275	1,328	.358	1,687	.849	2,536
April .....	.013	.707	.189	.909	.319	1,228	.724	1,953
May .....	.008	.444	.195	.648	.298	.946	.761	1,707
June .....	.006	.322	.178	.505	.334	.839	.872	1,711
July .....	.008	.254	.152	.414	.410	.823	1.102	1,926
August .....	.007	.236	.146	.389	.439	.828	1.086	1,914
September .....	.010	.247	.181	.437	.410	.848	.892	1,740
October .....	.013	.362	.257	.633	.343	.975	.793	1,768
November .....	.014	.631	.294	.939	.322	1,261	.788	2,049
December .....	.018	1,010	.387	1,415	.364	1,779	.907	2,686
Total .....	.145	7.540	3.035	10.721	4.355	15.075	R 10.580	R 25.655
1981								
January .....	.020	1,268	.437	1,725	.425	2,150	1,006	3,156
February .....	.016	1,122	.293	1,431	.391	1,822	.819	2,641
March .....	.011	.911	.202	1,124	.355	1,479	.840	2,318
April .....	.013	.590	.147	.750	.325	1,075	.760	1,835
May .....	.011	.421	.155	.587	.321	.908	.799	1,708
June .....	.007	.291	.148	.446	.365	.810	.951	1,761
July .....	.010	.241	.138	.389	.429	.818	1.085	1,903
August .....	.010	.236	.149	.395	.431	.826	1.023	1,849
September .....	.013	.246	.153	.413	.392	.805	.854	1,659
October .....	.014	.390	.249	.652	.348	1,000	.811	1,811
November .....	.019	.583	.257	.859	.336	1,195	.794	1,990
December .....	.024	.942	.306	1,271	.380	1,651	.958	2,609
Total .....	.167	7.243	2.634	10.043	4.497	14.541	R 10.700	R 25.241
1982								
January .....	.022	R 1,343	.303	R 1,668	.440	R 2,108	1,085	R 3,193
February .....	.016	R 1,221	.228	R 1,465	.409	R 1,873	.875	R 2,748
March .....	.013	R .947	.252	R 1,211	.373	R 1,584	.886	R 2,470
April .....	.016	R .705	.243	R .964	.346	R 1,310	.799	R 2,109
May .....	.011	.382	.181	.573	.327	.900	.823	1,723
June .....	.008	.279	.144	.431	.358	.789	.885	1,674
July .....	.014	.245	.121	.381	.412	.793	1,085	1,878
August .....	.015	.234	.134	.383	.431	.813	1,054	1,867
September .....	.014	.247	.197	.459	.403	.862	.903	1,764
October .....	.015	.343	.201	.559	.349	.908	.828	1,736
November .....	.019	R .604	.172	R .795	.340	R 1,135	.834	R 1,969
December .....	.023	R .877	.274	R 1,174	.381	R 1,555	.942	R 2,497
Total .....	.187	7.427	2.449	10.063	4.566	14.629	R 11.000	R 25.629

See footnotes at end of table.

Table 2.3 Residential and Commercial Energy Consumption, 1973-1992 (Continued)
(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1983								
January	0.020	R 1.307	0.289	R 1.616	0.413	R 2.029	1.005	R 3.033
February .....	.018	R 1.043	.236	R 1.297	.390	R 1.686	.832	R 2.519
March .....	.013	R .907	.246	R 1.165	.365	R 1.530	.887	R 2.417
April .....	.017	R .699	.215	R .931	.351	R 1.283	.803	R 2.086
May .....	.011	R .444	.156	R .611	.327	R .938	.811	R 1.749
June .....	.008	R .278	.162	R .448	.359	R .807	.905	R 1.712
July .....	.014	R .226	.155	R .395	.435	R .830	1.124	R 1.954
August .....	.013	R .216	.173	R .402	.472	R .874	1.173	R 2.047
September .....	.017	R .228	.164	R .409	.450	R .859	.941	R 1.801
October .....	.018	R .310	.180	R .508	.366	R .873	.842	R 1.715
November .....	.019	R .512	.216	R .747	.350	R 1.098	.842	R 1.940
December .....	.025	R .854	.307	R 1.186	.402	R 1.588	1.067	R 2.655
Total .....	.192	7.024	2.498	9.715	4.680	14.395	R 11.232	R 25.627
1984								
January .....	.024	1.363	R .336	R 1.722	.479	R 2.201	R 1.103	R 3.304
February .....	.021	1.086	R .226	R 1.333	.421	R 1.754	R .901	R 2.655
March .....	.015	.944	R .267	R 1.225	.397	R 1.622	R .939	R 2.562
April .....	.021	.727	R .198	R .947	.363	R 1.309	R .808	R 2.118
May .....	.013	.460	R .178	R .651	.357	R 1.008	R .876	R 1.884
June .....	.010	.287	R .154	R .451	.398	R .849	R .986	R 1.834
July .....	.016	.232	R .156	R .404	.452	R .856	R 1.098	R 1.954
August .....	.015	.223	R .177	R .414	.459	R .873	R 1.137	R 2.011
September .....	.020	.235	R .179	R .434	.436	R .870	R .919	R 1.788
October .....	.016	.320	R .185	R .521	.380	R .900	R .880	R 1.780
November .....	.017	.531	R .221	R .769	.375	R 1.144	R .883	R 2.027
December .....	.022	.885	R .257	R 1.164	.412	R 1.577	R .979	R 2.556
Total .....	.209	7.292	R 2.535	R 10.036	4.928	R 14.964	R 11.510	R 26.474
1985								
January .....	.019	1.150	R .296	R 1.465	.457	R 1.922	R 1.149	R 3.071
February .....	.016	1.288	R .264	R 1.568	.459	R 2.027	R .949	R 2.976
March .....	.012	.883	R .228	R 1.123	.400	R 1.524	R .918	R 2.442
April .....	.017	.621	R .175	R .813	.371	R 1.184	R .824	R 2.008
May .....	.010	.350	R .160	R .521	.366	R .887	R .895	R 1.782
June .....	.008	.264	R .153	R .425	.406	R .831	R .980	R 1.811
July .....	.012	.233	R .155	R .400	.458	R .857	R 1.144	R 2.001
August .....	.011	.219	R .172	R .402	.470	R .872	R 1.132	R 2.004
September .....	.015	.235	R .172	R .422	.458	R .879	R .962	R 1.841
October .....	.016	.324	R .211	R .551	.390	R .941	R .904	R 1.845
November .....	.017	.501	R .223	R .741	.381	R 1.122	R .904	R 2.026
December .....	.022	1.011	R .314	R 1.346	.446	R 1.792	R 1.105	R 2.896
Total .....	.176	7.079	R 2.522	R 9.777	5.061	R 14.839	R 11.865	R 26.704
1986								
January .....	.020	1.217	R .309	1.546	.487	R 2.033	R 1.097	R 3.131
February .....	.018	1.059	.280	1.358	.436	1.793	R .917	R 2.710
March .....	.013	.896	.254	1.163	.409	1.572	R .918	R 2.491
April .....	.018	.568	R .188	R .775	.374	R 1.149	R .839	R 1.988
May .....	.011	.378	R .181	R .569	.373	R .942	R .912	R 1.854
June .....	.009	.261	R .151	R .421	.434	R .855	R 1.045	1.899
July .....	.011	.222	R .163	R .395	.506	R .901	R 1.258	R 2.160
August .....	.010	.212	R .177	R .400	.503	R .903	R 1.142	R 2.044
September .....	.013	.228	R .169	R .411	.453	R .863	R .996	R 1.859
October .....	.015	.310	R .213	R .538	.418	R .955	R .927	1.883
November .....	.016	.550	R .209	R .775	.391	R 1.166	R .939	2.104
December .....	.021	.924	R .260	R 1.205	.453	R 1.658	R 1.070	R 2.728
Total .....	.176	6.825	R 2.555	R 9.556	5.235	R 14.791	R 12.061	R 26.852
1987								
January .....	.017	1.161	R .279	R 1.457	.487	R 1.944	R 1.144	R 3.088
February .....	.015	1.084	R .239	R 1.338	.449	R 1.787	R .938	R 2.726
March .....	.011	.907	R .247	R 1.165	.425	R 1.589	R .970	R 2.559
April .....	.014	.635	R .192	R .841	.394	R 1.235	R .882	R 2.117
May .....	.009	.367	R .175	R .551	.402	R .953	R .975	R 1.927
June .....	.007	.252	R .170	R .429	.458	R .886	R 1.105	1.991
July .....	.012	.226	R .178	R .416	.527	R .943	R 1.271	R 2.214
August .....	.011	.214	R .166	R .391	.544	R .935	R 1.255	2.191
September .....	.015	.234	R .190	R .439	.480	R .919	R 1.003	R 1.921
October .....	.015	.375	R .237	R .627	.419	R 1.046	R .925	R 1.971
November .....	.016	.573	R .233	R .822	.403	R 1.225	R .924	2.149
December .....	.021	.925	R .282	R 1.227	.456	R 1.683	R 1.086	R 2.770
Total .....	.162	6.954	R 2.587	R 9.703	5.443	R 15.146	R 12.477	R 27.623

See footnotes at end of table.

Table 2.3 Residential and Commercial Energy Consumption, 1973-1992 (Continued)
(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1988								
January	0.019	1.313	R 0.299	R 1.632	0.527	R 2.159	R 1.197	R 3.356
February .....	.016	1.180	R .268	R 1.463	.488	R 1.951	R 1.030	R 2.981
March .....	.012	.944	R .255	R 1.211	.451	R 1.662	R 1.009	R 2.672
April .....	.014	.641	R .186	R .841	.411	R 1.252	R .895	R 2.147
May .....	.008	.428	R .178	R .614	.400	R 1.014	R .948	R 1.963
June .....	.010	.278	R .160	R .448	.465	R .913	R 1.118	R 2.031
July .....	.016	.239	R .178	R .433	.549	R .982	R 1.314	R 2.296
August .....	.015	.234	R .186	R .436	.582	R 1.018	R 1.360	R 2.378
September .....	.009	.244	R .188	R .442	.506	R .948	R 1.027	R 1.975
October .....	.011	.399	R .211	R .621	.439	R 1.059	R .954	R 2.013
November .....	.014	.634	R .223	R .871	.425	R 1.296	R .952	R 2.248
December .....	.023	.979	R .267	R 1.268	.481	R 1.749	R 1.116	R 2.866
Total .....	.168	7.513	R 2.600	R 10.280	5.724	R 16.004	R 12.920	R 28.925
1989								
January .....	.015	1.162	.271	1.448	.514	1.963	1.123	3.085
February .....	.016	1.158	.230	1.404	.483	1.887	1.041	2.928
March .....	.012	1.018	.246	1.276	.484	1.760	1.068	2.828
April .....	.012	.668	.185	.865	.432	1.297	.929	2.226
May .....	.008	.428	.169	.605	.425	1.030	1.004	2.034
June .....	.007	.285	.172	.464	.485	.949	1.112	2.060
July .....	.012	.246	.159	.417	.549	.966	1.293	2.260
August .....	.011	.238	.187	.436	.553	.989	1.270	2.260
September .....	.007	.260	.186	.454	.518	.972	1.052	2.024
October .....	.005	.392	.205	.603	.450	1.053	.987	2.040
November .....	.013	.656	.221	.889	.439	1.329	.987	2.315
December .....	.028	1.218	.294	1.540	.526	2.066	1.277	3.344
Total .....	.146	7.731	2.525	10.402	5.859	16.261	13.143	29.404
1990								
January .....	.016	1.224	.209	1.450	.564	2.014	1.158	3.172
February .....	.015	1.008	.193	1.216	.472	1.689	.982	2.670
March .....	.013	.880	.185	1.078	.467	1.545	1.041	2.585
April .....	.012	.655	.169	.836	.439	1.275	.945	2.219
May .....	.008	.418	.159	.586	.441	1.026	1.011	2.037
June .....	.009	.293	.157	.459	.498	.957	1.179	2.136
July .....	.012	.257	.160	.430	.580	1.010	1.325	2.335
August .....	.012	.244	.179	.434	.572	1.006	1.318	2.324
September .....	.009	.261	.174	.445	.557	1.001	1.119	2.121
October .....	.010	.376	.187	.572	.478	1.050	1.020	2.070
November .....	.014	.617	.190	.821	.450	1.272	.964	2.235
December .....	.024	.991	.211	1.227	.497	1.724	1.156	2.880
Total .....	.156	7.225	2.173	9.553	6.015	15.568	13.218	28.786
1991								
January .....	.020	1.317	.242	1.579	.562	2.141	1.236	3.376
February .....	.014	1.055	.190	1.259	.495	1.754	.975	2.729
March .....	.012	.911	.187	1.111	.474	1.585	1.047	2.632
April .....	.009	.617	.164	.790	.444	1.234	.945	2.179
May .....	.008	.394	.156	.558	.466	1.024	1.088	2.111
June .....	.007	.275	.155	.437	.535	.972	1.199	2.171
July .....	.010	.259	.164	.433	.596	1.029	1.367	2.396
August .....	.009	.238	.163	.410	.593	1.002	1.325	2.327
September .....	.007	.267	.155	.429	.553	.982	1.096	2.078
October .....	.008	.400	.178	.586	.477	1.063	1.013	2.076
November .....	.016	.737	.182	.934	.471	1.406	1.015	2.421
December .....	.020	1.040	.219	1.279	.514	1.793	1.134	2.928
Total .....	.141	7.510	2.154	9.805	6.180	15.986	13.439	29.424
1992								
January .....	.017	1.233	.229	1.480	.550	2.029	1.189	3.218
February .....	.013	1.095	.197	1.305	.508	1.814	1.002	2.816
March .....	.012	.916	.189	1.117	.479	1.596	1.019	2.615
April .....	.012	.703	.165	.880	.455	1.336	.936	2.272
May .....	.007	.434	.146	.587	.452	1.040	.982	2.021
June .....	.007	.296	.148	.451	.489	.941	1.089	2.029
July .....	.011	.262	.149	.422	.573	.995	1.298	2.293
August .....	.009	.254	.141	.404	.570	.974	1.221	2.195
September .....	.009	.266	.177	.451	.532	.983	1.082	2.065
October .....	.008	.419	.173	.601	.482	1.083	.983	2.066
November .....	.015	.714	.184	.913	.468	1.381	1.009	2.390
December .....	.021	1.132	.227	1.380	.538	1.918	1.200	3.118
Total .....	.142	7.726	2.126	9.993	6.096	16.090	13.010	29.100

^a Includes supplemental gaseous fuels.

^b Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, an estimated 0.7 quadrillion Btu of renewable energy consumed by the U.S. residential and commercial sectors (primarily the residential sector) is not included.

R=Revised data.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Additional Notes and Sources: See end of section.

Table 2.4 Industrial Energy Consumption, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Hydro-electric Power	Net Imports of Coal Coke	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1973										
January	0.363	R 0.826	0.784	0.003	-0.001	R 1.975	0.189	R 2.164	0.462	R 2.626
February .....	.334	R .713	.767	.003	(s)	R 1.817	.186	R 2.003	.409	R 2.412
March .....	.344	R .746	.774	.003	-.002	R 1.865	.191	R 2.056	.449	R 2.505
April .....	.338	R .824	.658	.003	-.001	R 1.822	.191	R 2.013	.439	R 2.452
May .....	.344	R .869	.763	.003	-.003	R 1.976	.194	R 2.170	.482	R 2.652
June .....	.326	R .783	.712	.003	(s)	R 1.824	.196	R 2.020	.508	R 2.527
July .....	.320	R .840	.701	.003	-.001	R 1.863	.195	R 2.058	.501	R 2.559
August .....	.316	R .878	.794	.003	-.001	R 1.989	.201	R 2.190	.509	R 2.700
September .....	.307	R .875	.745	.002	-.001	R 1.928	.202	R 2.130	.428	R 2.558
October .....	.337	R 1.010	.769	.003	.002	R 2.121	.206	R 2.328	.477	R 2.805
November .....	.347	R .999	.864	.003	.001	R 2.213	.199	R 2.413	.468	R 2.881
December .....	.380	R 1.023	.773	.003	(s)	R 2.180	.191	R 2.371	.479	R 2.850
Total	4.057	10.388	9.104	.035	-.007	23.576	2.341	25.917	5.611	31.528
1974										
January .....	.359	R .733	.797	.003	.004	R 1.896	.189	R 2.085	.455	R 2.541
February .....	.336	R .780	.713	.003	.003	R 1.835	.187	R 2.022	.421	R 2.443
March .....	.341	R .804	.700	.003	.004	R 1.851	.190	R 2.041	.466	R 2.507
April .....	.337	R .668	.687	.003	.004	R 1.699	.191	R 1.891	.451	R 2.342
May .....	.328	R .787	.675	.003	.005	R 1.798	.195	R 1.993	.510	R 2.503
June .....	.312	R .719	.708	.003	.003	R 1.745	.197	R 1.942	.485	R 2.427
July .....	.310	R .804	.720	.003	.004	R 1.840	.196	R 2.036	.532	R 2.568
August .....	.319	R .850	.742	.003	.004	R 1.917	.203	R 2.121	.504	R 2.625
September .....	.311	R .935	.682	.002	.007	R 1.937	.204	R 2.141	.433	R 2.575
October .....	.332	R .998	.777	.002	.009	R 2.118	.205	R 2.323	.490	R 2.813
November .....	.295	R .995	.760	.002	.005	R 2.057	.195	R 2.252	.483	R 2.735
December .....	.290	R .930	.735	.003	.005	R 1.963	.182	R 2.145	.470	R 2.615
Total	3.870	10.004	8.694	.033	.056	22.657	2.337	24.994	5.700	30.694
1975										
January .....	.327	R .896	.828	.003	.009	R 2.062	.193	R 2.255	.469	R 2.724
February .....	.327	R .627	.649	.003	.008	R 1.614	.189	R 1.803	.415	R 2.217
March .....	.349	R .658	.725	.003	.003	R 1.737	.190	R 1.927	.460	R 2.386
April .....	.328	R .436	.638	.003	(s)	R 1.405	.188	R 1.593	.438	R 2.031
May .....	.309	R .525	.598	.003	.003	R 1.437	.191	R 1.628	.489	R 2.117
June .....	.288	R .600	.595	.003	-.002	R 1.484	.194	R 1.677	.493	R 2.171
July .....	.274	R .650	.660	.003	-.001	R 1.585	.193	R 1.778	.498	R 2.276
August .....	.277	R .734	.612	.002	-.002	R 1.624	.201	R 1.825	.502	R 2.327
September .....	.279	R .768	.644	.002	-.003	R 1.690	.203	R 1.894	.418	R 2.312
October .....	.290	R .883	.743	.002	-.002	R 1.918	.204	R 2.122	.489	R 2.611
November .....	.301	R .871	.652	.002	.001	R 1.827	.202	R 2.030	.484	R 2.514
December .....	.318	R .885	.801	.003	(s)	R 2.007	.200	R 2.206	.509	R 2.716
Total	3.667	8.532	8.146	.032	.014	20.391	2.346	22.737	5.665	28.402
1976										
January .....	.305	R .787	.811	.003	-.001	R 1.905	.200	R 2.105	.491	R 2.596
February .....	.290	R .592	.722	.003	-.002	R 1.605	.202	R 1.807	.437	R 2.245
March .....	.308	R .598	.740	.003	-.002	R 1.647	.210	R 1.857	.512	R 2.370
April .....	.307	R .586	.678	.003	-.002	R 1.571	.209	R 1.780	.480	R 2.260
May .....	.315	R .655	.696	.003	-.003	R 1.666	.213	R 1.879	.516	R 2.395
June .....	.300	R .647	.667	.003	-.002	R 1.615	.218	R 1.833	.568	R 2.401
July .....	.297	R .728	.693	.003	(s)	R 1.721	.217	R 1.937	.556	R 2.494
August .....	.291	R .710	.722	.002	.001	R 1.727	.222	R 1.949	.543	R 2.492
September .....	.291	R .719	.738	.002	.001	R 1.751	.224	R 1.974	.475	R 2.449
October .....	.305	R .957	.803	.003	.006	R 2.074	.223	R 2.296	.530	R 2.826
November .....	.312	R .899	.803	.003	.001	R 2.018	.219	R 2.237	.542	R 2.780
December .....	.339	R .883	.937	.003	.002	R 2.164	.218	R 2.382	.547	R 2.928
Total	3.661	8.762	9.010	.033	(s)	21.465	2.573	24.038	6.198	30.236
1977										
January .....	.305	R .801	.843	.003	-.002	R 1.951	.214	R 2.165	.546	R 2.710
February .....	.294	R .383	.872	.002	(s)	R 1.551	.210	R 1.761	.431	R 2.192
March .....	.316	R .623	.831	.003	-.002	R 1.772	.220	R 1.992	.522	R 2.513
April .....	.298	R .584	.758	.003	-.002	R 1.641	.220	R 1.861	.508	R 2.369
May .....	.295	R .700	.735	.003	(s)	R 1.734	.228	R 1.961	.585	R 2.546
June .....	.286	R .695	.786	.003	(s)	R 1.770	.229	R 1.999	.586	R 2.585
July .....	.276	R .696	.729	.002	.002	R 1.705	.224	R 1.929	.581	R 2.510
August .....	.263	R .750	.804	.002	.001	R 1.820	.230	R 2.050	.565	R 2.615
September .....	.257	R .829	.788	.002	.007	R 1.883	.230	R 2.113	.510	R 2.623
October .....	.287	R .844	.866	.003	.004	R 2.004	.231	R 2.235	.522	R 2.757
November .....	.285	R .853	.857	.003	.001	R 1.999	.225	R 2.224	.555	R 2.778
December .....	.292	R .876	.906	.003	.005	R 2.082	.222	R 2.304	.574	R 2.878
Total	3.454	8.635	9.774	.033	.015	21.911	2.682	24.593	6.484	31.077

See footnotes at end of table.

Table 2.4 Industrial Energy Consumption, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Hydro-electric Power	Net Imports of Coal Coke	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1978										
January	0.260	R 0.895	0.902	0.003	0.001	R 2.061	0.225	R 2.286	0.576	R 2.862
February .....	.210	R .641	.867	.003	.001	R 1.722	.210	R 1.932	.475	R 2.407
March .....	.206	R .618	.854	.003	.005	R 1.685	.212	R 1.898	.507	R 2.405
April .....	.269	R .613	.808	.003	.012	R 1.705	.218	R 1.923	.510	R 2.433
May .....	.287	R .618	.835	.003	.024	R 1.767	.231	R 1.998	.606	R 2.604
June .....	.282	R .599	.765	.003	.009	R 1.658	.238	R 1.895	.610	R 2.505
July .....	.286	R .692	.768	.003	.014	R 1.763	.232	R 1.995	.597	R 2.592
August .....	.284	R .690	.779	.002	.013	R 1.768	.240	R 2.008	.607	R 2.615
September .....	.290	R .677	.755	.002	.011	R 1.736	.243	R 1.978	.533	R 2.511
October .....	.302	R .808	.828	.002	.014	R 1.954	.243	R 2.197	.557	R 2.755
November .....	.306	R .826	.840	.002	.012	R 1.986	.238	R 2.224	.584	R 2.808
December .....	.330	R .862	.867	.002	.009	R 2.071	.231	R 2.302	.594	R 2.896
Total	3.314	8.539	9.867	.032	.125	21.876	2.761	24.637	R 6.755	R 31.392
1979										
January .....	.321	R .841	.961	.003	.004	R 2.130	.233	R 2.363	.597	R 2.960
February .....	.291	R .585	.908	.003	.003	R 1.790	.231	R 2.020	.518	R 2.538
March .....	.310	R .566	.989	.003	.002	R 1.870	.238	R 2.108	.552	R 2.659
April .....	.299	R .576	.791	.003	.005	R 1.675	.239	R 1.914	.546	R 2.460
May .....	.298	R .663	.872	.004	.011	R 1.848	.245	R 2.092	.609	R 2.701
June .....	.286	R .646	.819	.003	.009	R 1.763	.245	R 2.009	.612	R 2.621
July .....	.292	R .679	.794	.003	.008	R 1.775	.242	R 2.017	.625	R 2.642
August	R .292	R .703	.867	.003	.009	R 1.873	.246	R 2.119	.606	R 2.725
September	R .286	R .720	.803	.002	.008	R 1.819	.242	R 2.061	.529	R 2.590
October .....	.297	R .845	.924	.002	.003	R 2.072	.244	R 2.316	.588	R 2.904
November .....	.298	R .869	.888	.003	(s)	R 2.057	.238	R 2.295	.581	R 2.876
December .....	.324	R .857	.950	.003	.002	R 2.135	.230	R 2.365	.574	R 2.939
Total	3.593	8.549	10.568	.034	.063	22.807	2.873	25.679	R 6.936	R 32.616
1980										
January .....	.305	.832	.932	.003	.003	2.075	.230	2.305	.572	2.877
February .....	.284	.677	.849	.003	-.001	1.812	.234	2.045	.535	2.581
March .....	.290	.704	.875	.003	-.003	1.868	.236	2.104	.558	2.662
April .....	.283	.552	.790	.003	-.005	1.625	.232	1.856	.526	2.382
May .....	.275	.612	.766	.003	-.005	1.652	.229	1.881	.586	2.467
June .....	.249	.578	.729	.003	-.004	1.555	.228	1.782	.594	2.377
July .....	.227	.600	.680	.003	-.004	1.506	.224	1.729	.601	2.331
August .....	.229	.620	.657	.002	-.003	1.506	.230	1.736	.569	2.305
September .....	.223	.676	.813	.002	-.004	1.710	.237	1.947	.516	2.463
October .....	.250	.837	.835	.002	-.006	1.919	.237	2.156	.548	2.704
November .....	.259	.853	.731	.002	-.002	1.843	.231	2.074	.565	2.639
December .....	.281	.853	.869	.002	-.001	2.004	.234	2.238	.582	2.819
Total	3.155	8.395	9.525	.033	-.035	21.073	2.781	23.854	R 6.752	R 30.606
1981										
January .....	.294	.754	.821	.003	(s)	1.871	.229	2.100	.542	2.641
February .....	.273	.526	.705	.003	-.001	1.505	.230	1.735	.482	2.218
March .....	.276	.690	.752	.003	-.003	1.719	.234	1.953	.554	2.507
April .....	.256	.588	.653	.003	-.001	1.498	.232	1.731	.544	2.275
May .....	.234	.668	.698	.003	(s)	1.604	.234	1.838	.583	2.421
June .....	.229	.616	.664	.003	-.004	1.508	.244	1.752	.637	2.390
July .....	.267	.641	.642	.003	(s)	1.554	.245	1.798	.619	2.417
August .....	.270	.667	.649	.002	(s)	1.589	.246	1.835	.584	2.419
September .....	.263	.675	.682	.002	-.002	1.620	.242	1.862	.527	2.390
October .....	.264	.807	.664	.002	-.003	1.735	.236	1.971	.550	2.521
November .....	.266	.756	.632	.002	(s)	1.656	.226	1.881	.533	2.414
December .....	.265	.870	.723	.002	-.003	1.858	.219	2.076	.552	2.628
Total	3.157	8.257	8.285	.033	-.016	19.715	2.817	22.533	R 6.707	R 29.240
1982										
January .....	.265	R .794	.730	.003	(s)	R 1.792	.215	R 2.007	.530	R 2.537
February .....	.249	R .521	.658	.003	-.001	R 1.429	.214	R 1.643	.459	R 2.102
March .....	.239	R .623	.662	.003	-.002	R 1.526	.220	R 1.746	.523	R 2.269
April .....	.221	R .516	.676	.003	-.001	R 1.416	.214	R 1.630	.494	R 2.123
May .....	.214	.480	.633	.003	-.002	1.328	.213	1.542	.537	2.078
June .....	.200	.524	.612	.003	-.004	1.335	.217	1.552	.538	2.090
July .....	.193	.529	.625	.003	-.003	1.347	.214	1.561	.563	2.124
August .....	.195	.537	.667	.002	-.001	1.400	.216	1.616	.529	2.144
September .....	.186	.583	.599	.002	-.003	1.367	.205	1.572	.459	2.031
October .....	.194	.678	.657	.002	-.001	1.530	.208	1.738	.492	2.230
November .....	.197	R .710	.640	.002	-.001	R 1.548	.207	R 1.755	.508	R 2.263
December .....	.199	R .627	.634	.002	-.001	R 1.462	.199	R 1.661	.494	R 2.155
Total	2.552	7.121	7.794	.033	-.022	17.479	2.542	20.020	R 6.125	R 26.145

See footnotes at end of table.

Table 2.4 Industrial Energy Consumption, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Hydro-electric Power	Net Imports of Coal Coke	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1983										
January	0.211	R 0.688	0.599	0.003	-0.001	R 1.500	0.198	R 1.697	0.481	R 2.179
February .....	.196	R .623	.544	.003	-.001	R 1.364	.201	R 1.565	.430	R 1.996
March .....	.187	R .615	.618	.003	-.001	R 1.421	.206	R 1.627	.499	R 2.126
April .....	.205	R .598	.563	.003	-.002	R 1.367	.207	R 1.573	.472	R 2.045
May .....	.198	R .592	.614	.004	-.002	R 1.406	.214	R 1.620	.530	R 2.151
June .....	.182	R .563	.592	.003	-.001	R 1.340	.226	R 1.565	.569	R 2.134
July .....	.206	R .522	.592	.003	-.002	R 1.322	.227	R 1.548	.586	R 2.134
August .....	.209	R .495	.624	.002	-.001	R 1.330	.238	R 1.568	.591	R 2.158
September .....	.203	R .475	.666	.002	-.001	R 1.345	.238	R 1.582	.496	R 2.079
October .....	.217	R .533	.646	.002	-.001	R 1.397	.235	R 1.632	.542	R 2.174
November .....	.227	R .573	.683	.002	-.001	R 1.484	.230	R 1.714	.554	R 2.268
December .....	.249	R .550	.680	.002	-.003	R 1.478	.229	R 1.708	.608	R 2.316
Total	2.490	6.826	7.420	.033	-.016	16.753	2.648	19.401	R 6.359	R 25.759
1984										
January .....	.256	R .769	R .774	.003	.001	R 1.804	.227	R 2.030	R .522	R 2.552
February .....	.237	R .689	R .661	.003	.002	R 1.591	.229	R 1.821	R .491	R 2.312
March .....	.238	R .692	R .725	.003	-.001	R 1.657	.237	R 1.894	R .561	R 2.455
April .....	.253	R .650	R .670	.003	(s)	R 1.576	.235	R 1.811	R .524	R 2.334
May .....	.245	R .611	R .683	.003	-.001	R 1.542	.241	R 1.783	R .590	R 2.373
June .....	.225	R .574	R .623	.003	-.002	R 1.423	.248	R 1.672	R .615	R 2.287
July .....	.227	R .550	R .652	.003	-.001	R 1.431	.244	R 1.675	R .593	R 2.268
August .....	.230	R .561	R .650	.002	-.002	R 1.441	.253	R 1.695	R .628	R 2.323
September .....	.223	R .542	R .635	.002	(s)	R 1.402	.242	R 1.644	R .511	R 2.156
October .....	.222	R .575	R .695	.002	-.003	R 1.491	.241	R 1.732	R .559	R 2.291
November .....	.232	R .608	R .621	.002	-.003	R 1.460	.234	R 1.694	R .551	R 2.245
December .....	.255	R .625	R .625	.002	-.001	R 1.507	.227	R 1.733	R .538	R 2.271
Total	2.842	7.448	R 8.014	.033	-.011	R 18.325	2.859	R 21.184	R 6.683	R 27.867
1985										
January .....	.245	R .728	R .716	.003	(s)	R 1.693	.233	R 1.925	R .585	R 2.510
February .....	.226	R .670	R .635	.003	.001	R 1.535	.231	R 1.765	R .477	R 2.242
March .....	.227	R .633	R .648	.003	(s)	R 1.512	.234	R 1.745	R .535	R 2.280
April .....	.241	R .588	R .628	.003	.001	R 1.460	.237	R 1.697	R .526	R 2.224
May .....	.233	R .548	R .665	.003	-.003	R 1.446	.243	R 1.689	R .594	R 2.283
June .....	.213	R .516	R .633	.003	-.002	R 1.363	.243	R 1.606	R .587	R 2.192
July .....	.223	R .533	R .625	.003	-.002	R 1.382	.242	R 1.624	R .604	R 2.228
August .....	.226	R .528	R .654	.002	-.001	R 1.410	.247	R 1.657	R .595	R 2.252
September .....	.219	R .517	R .610	.002	-.003	R 1.346	.245	R 1.591	R .515	R 2.105
October .....	.221	R .561	R .690	.002	-.001	R 1.473	.239	R 1.713	R .555	R 2.268
November .....	.231	R .575	R .616	.002	-.003	R 1.422	.233	R 1.654	R .551	R 2.205
December .....	.254	R .683	R .685	.002	-.001	R 1.624	.230	R 1.854	R .570	R 2.423
Total	2.760	7.080	R 7.805	.033	-.013	R 17.665	2.855	R 20.520	R 6.694	R 27.214
1986										
January .....	.259	R .757	R .683	.003	(s)	R 1.702	.229	R 1.931	R .517	R 2.448
February	R .237	R .674	R .631	.003	(s)	R 1.545	.229	R 1.774	R .483	R 2.256
March .....	.240	R .667	R .690	.003	-.001	R 1.599	.235	R 1.834	R .528	R 2.362
April .....	.239	R .577	R .636	.003	(s)	R 1.455	.234	R 1.689	R .526	R 2.215
May .....	.231	R .544	R .663	.003	-.003	R 1.438	.239	R 1.677	R .583	R 2.260
June .....	.212	R .499	R .620	.003	(s)	R 1.335	.238	R 1.573	R .573	R 2.146
July .....	.196	R .490	R .593	.003	-.002	R 1.281	.241	R 1.522	R .600	R 2.122
August .....	.199	R .488	R .632	.002	-.006	R 1.316	.241	R 1.557	R .547	R 2.104
September .....	.193	R .448	R .647	.002	(s)	R 1.290	.243	R 1.534	R .535	R 2.069
October .....	.198	R .474	R .716	.002	-.001	R 1.389	.244	R 1.633	R .541	R 2.173
November .....	.208	R .499	R .668	.002	-.003	R 1.373	.229	R 1.602	R .550	R 2.152
December .....	.229	R .572	R .741	.002	-.001	R 1.544	.231	R 1.776	R .547	R 2.322
Total	R 2.640	6.690	R 7.920	R .033	-.017	R 17.267	2.834	R 20.101	R 6.529	R 26.630
1987										
January .....	.225	R .785	R .761	.003	-.001	R 1.772	.227	R 1.999	R .533	R 2.531
February .....	.207	R .684	R .679	.003	.001	R 1.573	.226	R 1.799	R .472	R 2.271
March .....	.206	R .652	R .630	.003	-.002	R 1.489	.235	R 1.724	R .536	R 2.260
April .....	.226	R .589	R .675	.003	(s)	R 1.494	.235	R 1.729	R .527	R 2.256
May .....	.218	R .559	R .618	.003	(s)	R 1.399	.242	R 1.641	R .587	R 2.228
June .....	.201	R .547	R .666	.003	.002	R 1.418	.251	R 1.669	R .605	R 2.274
July .....	.221	R .532	R .700	.003	(s)	R 1.456	.255	R 1.711	R .614	R 2.325
August .....	.224	R .555	R .629	.002	.001	R 1.411	.258	R 1.670	R .595	R 2.265
September .....	.218	R .526	R .711	.002	.004	R 1.461	.258	R 1.719	R .539	R 2.258
October .....	.228	R .595	R .721	.002	.002	R 1.548	.253	R 1.801	R .560	R 2.361
November .....	.238	R .618	R .619	.002	.003	R 1.480	.246	R 1.725	R .563	R 2.288
December .....	.262	R .682	R .741	.002	-.001	R 1.687	.243	R 1.929	R .578	R 2.507
Total	2.673	7.323	R 8.150	R .033	.009	R 18.188	2.928	R 21.116	R 6.710	R 27.826

See footnotes at end of table.

Table 2.4 Industrial Energy Consumption, 1973-1992 (Continued)
(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Hydro-electric Power	Net Imports of Coal Coke	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1988										
January	0.245	R 0.699	R 0.735	0.003	0.003	R 1.686	0.242	R 1.928	R 0.551	R 2.479
February .....	.240	.686	R .741	.003	.002	R 1.672	.245	R 1.917	.517	R 2.434
March .....	.248	.713	R .783	.003	.006	R 1.753	.248	R 2.001	R .554	R 2.554
April .....	.226	R .612	R .644	.003	.004	R 1.490	.245	R 1.735	R .534	R 2.268
May	R .231	.615	R .639	.003	-.002	R 1.487	.252	R 1.739	R .597	R 2.336
June .....	.223	R .590	R .644	.003	.005	R 1.465	.260	R 1.725	R .626	R 2.351
July .....	.230	.584	R .605	.003	.007	R 1.429	.261	R 1.689	R .624	R 2.313
August .....	.225	.619	R .688	.002	.003	R 1.538	.272	R 1.810	R .636	R 2.445
September .....	.227	.599	R .689	.002	.003	R 1.520	.265	R 1.785	R .538	R 2.322
October .....	.245	.631	R .764	.002	.004	R 1.647	.261	R 1.908	R .568	R 2.477
November .....	.241	R .653	R .710	.002	.001	R 1.607	.253	R 1.861	R .567	R 2.428
December .....	.246	.695	R .786	.002	.003	R 1.733	.254	R 1.987	R .590	R 2.577
Total	2.828	7.696	R 8.430	R .033	.040	R 19.026	3.059	R 22.085	R 6.901	R 28.986
1989										
January .....	.241	.715	.725	.003	.007	1.691	.254	1.945	.555	2.500
February .....	.233	.678	.666	.003	.002	1.582	.249	1.832	.538	2.370
March .....	.244	.716	.728	.003	.003	1.694	.254	1.948	.560	2.508
April .....	.232	.671	.642	.003	.007	1.555	.255	1.810	.549	2.359
May .....	.228	.653	.649	.003	.006	1.539	.263	1.802	.621	2.423
June .....	.225	.635	.646	.003	.004	1.512	.271	1.783	.620	2.403
July .....	.224	.632	.612	.003	.004	1.474	.269	1.744	.634	2.378
August .....	.220	.646	.665	.002	.003	1.535	.277	1.812	.636	2.448
September .....	.219	.633	.642	.002	.002	1.497	.272	1.769	.553	2.322
October .....	.247	.675	.751	.002	-.004	1.672	.271	1.943	.594	2.537
November .....	.239	.715	.665	.002	-.001	1.621	.262	1.882	.588	2.471
December .....	.235	.763	.742	.002	-.002	1.740	.261	2.001	.633	2.634
Total	2.787	8.131	8.133	.033	.030	19.113	3.158	22.272	7.082	29.353
1990										
January .....	.239	.751	.774	.003	(s)	1.768	.257	2.024	.527	2.551
February .....	.231	.686	.660	.003	(s)	1.580	.255	1.835	.529	2.364
March .....	.239	.718	.719	.003	.001	1.680	.262	1.942	.584	2.526
April .....	.222	.729	.668	.003	-.001	1.621	.260	1.882	.560	2.442
May .....	.225	.703	.700	.003	(s)	1.633	.269	1.901	.617	2.518
June .....	.221	.666	.641	.003	.001	1.533	.275	1.808	.652	2.460
July .....	.220	.660	.666	.003	.003	1.552	.277	1.829	.632	2.461
August .....	.224	.682	.760	.002	-.001	1.668	.287	1.955	.661	2.615
September .....	.220	.677	.671	.002	.001	1.571	.278	1.849	.560	2.409
October .....	.243	.736	.715	.002	.001	1.697	.280	1.976	.597	2.573
November .....	.240	.727	.662	.002	-.001	1.629	.265	1.894	.567	2.461
December .....	.232	.766	.682	.002	.001	1.683	.262	1.945	.609	2.554
Total	2.756	8.502	8.319	.033	.005	19.615	3.226	22.841	7.095	29.936
1991										
January .....	.225	.798	.761	.003	.001	1.788	.260	2.048	.572	2.620
February .....	.214	.703	.592	.003	.001	1.513	.252	1.765	.496	2.261
March .....	.223	.727	.646	.003	.002	1.601	.255	1.856	.564	2.420
April .....	.199	.701	.626	.003	.001	1.529	.259	1.788	.550	2.339
May .....	.201	.684	.594	.003	.001	1.482	.274	1.757	.640	2.397
June .....	.202	.654	.631	.003	-.001	1.489	.275	1.764	.617	2.381
July .....	.214	.683	.641	.003	.003	1.543	.279	1.822	.641	2.463
August .....	.213	.697	.670	.002	-.002	1.581	.287	1.869	.642	2.511
September .....	.214	.692	.714	.002	.004	1.625	.280	1.906	.556	2.461
October .....	.232	.745	.744	.002	-.001	1.723	.278	2.001	.589	2.590
November .....	.231	.747	.710	.002	.001	1.692	.267	1.960	.576	2.536
December .....	.232	.790	.727	.002	(s)	1.752	.262	2.014	.577	2.591
Total	2.601	8.619	8.057	.033	.009	19.319	3.230	22.549	7.021	29.570
1992										
January .....	.217	.830	.744	.003	.004	1.798	.264	2.062	.571	2.633
February .....	.214	.759	.700	.003	.003	1.678	.262	1.940	.517	2.458
March .....	.222	.795	.721	.003	.003	1.744	.271	2.014	.576	2.590
April .....	.201	.746	.689	.003	.003	1.642	.267	1.909	.549	2.458
May .....	.202	.740	.694	.003	.001	1.641	.276	1.917	.598	2.515
June .....	.199	.694	.676	.003	.003	1.575	.285	1.860	.634	2.494
July .....	.208	.706	.695	.003	.001	1.613	.289	1.902	.656	2.558
August .....	.206	.698	.694	.002	.001	1.601	.292	1.893	.627	2.520
September .....	.202	.701	.670	.002	.001	1.576	.286	1.862	.582	2.444
October .....	.217	.730	.794	.002	.002	1.746	.284	2.030	.580	2.610
November .....	.214	.763	.735	.002	.001	1.715	.276	1.992	.596	2.588
December .....	.214	.805	.826	.002	.005	1.852	.266	2.118	.593	2.711
Total	2.515	8.967	8.638	.033	.027	20.180	3.319	23.498	7.079	30.577

^a Includes supplemental gaseous fuels.

^b Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, an estimated 2.7 quadrillion Btu of renewable energy consumed by the U.S. industrial sector (primarily the pulp and paper industry) is not included.

R=Revised data. (s)=Less than +0.5 trillion Btu and greater than -0.5

trillion Btu.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Additional Notes and Sources: See end of section.

Table 2.5 Transportation Energy Consumption, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1973								
January	0.000	0.079	1.421	1.500	0.001	1.501	0.002	1.503
February .....	.000	.072	1.337	1.408	.001	1.409	.002	1.411
March	(s)	.068	1.473	1.541	.001	1.541	.002	1.543
April	(s)	.062	1.436	1.498	.001	1.499	.001	1.500
May	(s)	.058	1.563	1.621	.001	1.622	.002	1.623
June	(s)	.052	1.504	1.556	.001	1.557	.002	1.559
July	(s)	.052	1.562	1.615	.001	1.615	.002	1.617
August	(s)	.053	1.606	1.660	.001	1.661	.002	1.663
September	(s)	.051	1.456	1.508	.001	1.509	.002	1.510
October	(s)	.058	1.535	1.593	.001	1.594	.002	1.596
November	(s)	.064	1.487	1.552	.001	1.553	.002	1.554
December	(s)	.074	1.450	1.523	.001	1.524	.002	1.526
Total .....	.003	.743	17.831	18.576	.008	18.584	.020	18.605
1974								
January .....	.000	.072	1.337	1.409	.001	1.410	.002	1.412
February .....	.000	.066	1.247	1.313	.001	1.314	.002	1.316
March	(s)	.065	1.412	1.477	.001	1.477	.002	1.479
April	(s)	.055	1.411	1.466	.001	1.467	.002	1.469
May	(s)	.052	1.520	1.573	.001	1.573	.002	1.575
June	(s)	.046	1.488	1.535	.001	1.535	.002	1.537
July	(s)	.049	1.549	1.598	.001	1.598	.002	1.600
August	(s)	.049	1.565	1.614	.001	1.615	.002	1.617
September	(s)	.050	1.431	1.481	.001	1.482	.002	1.483
October	(s)	.055	1.517	1.572	.001	1.573	.002	1.574
November	(s)	.059	1.435	1.495	.001	1.495	.002	1.497
December	(s)	.068	1.486	1.554	.001	1.555	.002	1.557
Total .....	.002	.685	17.399	18.086	.009	18.095	.022	18.117
1975								
January	(s)	.068	1.418	1.486	.001	1.487	.002	1.489
February	(s)	.059	1.274	1.333	.001	1.334	.002	1.336
March .....	.000	.058	1.426	1.484	.001	1.484	.002	1.486
April	(s)	.048	1.453	1.501	.001	1.502	.002	1.503
May	(s)	.041	1.518	1.559	.001	1.560	.002	1.562
June	(s)	.038	1.513	1.551	.001	1.552	.002	1.554
July	(s)	.040	1.544	1.584	.001	1.585	.002	1.587
August	(s)	.042	1.558	1.599	.001	1.600	.002	1.602
September	(s)	.042	1.476	1.518	.001	1.519	.002	1.520
October	(s)	.047	1.523	1.570	.001	1.571	.002	1.573
November	(s)	.050	1.407	1.457	.001	1.457	.002	1.460
December	(s)	.062	1.506	1.568	.001	1.569	.002	1.571
Total .....	.001	.595	17.614	18.209	.010	18.219	.025	18.244
1976								
January .....	.000	.064	1.450	1.514	.001	1.515	.002	1.518
February .....	.000	.054	1.351	1.405	.001	1.406	.002	1.408
March .....	.000	.048	1.551	1.599	.001	1.600	.002	1.602
April	(s)	.042	1.549	1.591	.001	1.592	.002	1.594
May	(s)	.040	1.539	1.579	.001	1.580	.002	1.582
June	(s)	.037	1.601	1.638	.001	1.639	.002	1.641
July	(s)	.038	1.636	1.674	.001	1.675	.002	1.678
August	(s)	.037	1.596	1.632	.001	1.633	.002	1.635
September	(s)	.036	1.550	1.586	.001	1.587	.002	1.589
October	(s)	.045	1.548	1.593	.001	1.594	.002	1.596
November	(s)	.053	1.531	1.584	.001	1.585	.002	1.587
December	(s)	.063	1.605	1.668	.001	1.668	.002	1.671
Total	(s)	.559	18.506	19.065	.010	19.076	.025	19.101
1977								
January .....	.000	.067	1.502	1.569	.001	1.570	.002	1.572
February .....	.000	.050	1.436	1.486	.001	1.487	.002	1.489
March .....	.000	.048	1.594	1.642	.001	1.642	.002	1.645
April	(s)	.040	1.600	1.640	.001	1.641	.002	1.643
May	(s)	.038	1.601	1.639	.001	1.640	.002	1.642
June	(s)	.037	1.649	1.686	.001	1.687	.002	1.689
July	(s)	.037	1.669	1.706	.001	1.706	.002	1.709
August	(s)	.038	1.692	1.730	.001	1.731	.002	1.733
September	(s)	.040	1.614	1.653	.001	1.654	.002	1.656
October	(s)	.042	1.624	1.667	.001	1.668	.002	1.670
November	(s)	.047	1.592	1.639	.001	1.640	.002	1.642
December .....	.000	.059	1.669	1.728	.001	1.728	.002	1.731
Total	(s)	.543	19.241	19.784	.010	19.794	.025	19.819

See footnotes at end of table.

Table 2.5 Transportation Energy Consumption, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1978								
January	(c)	0.065	1.553	1.618	0.001	1.619	0.002	1.621
February	(c)	.059	1.465	1.524	.001	1.525	.002	1.526
March	(c)	.053	1.678	1.731	.001	1.732	.002	1.734
April	(c)	.042	1.603	1.646	.001	1.646	.002	1.648
May	(c)	.038	1.745	1.783	.001	1.784	.002	1.785
June	(c)	.034	1.732	1.766	.001	1.767	.002	1.768
July	(c)	.037	1.711	1.748	.001	1.749	.002	1.751
August	(c)	.035	1.794	1.830	.001	1.830	.002	1.832
September	(c)	.034	1.656	1.690	.001	1.691	.002	1.692
October	(c)	.040	1.719	1.759	.001	1.760	.002	1.761
November	(c)	.046	1.677	1.723	.001	1.723	.002	1.725
December	(c)	.057	1.707	1.764	.001	1.765	.002	1.767
Total	(c)	.539	20.041	20.580	.009	20.589	.022	20.611
1979								
January	(c)	.073	1.637	1.710	.001	1.711	.002	1.713
February	(c)	.067	1.561	1.627	.001	1.628	.002	1.630
March	(c)	.057	1.721	1.778	.001	1.779	.002	1.781
April	(c)	.048	1.614	1.662	.001	1.663	.002	1.665
May	(c)	.043	1.703	1.746	.001	1.747	.002	1.749
June	(c)	.040	1.660	1.700	.001	1.701	.002	1.703
July	(c)	.040	1.660	1.700	.001	1.701	.002	1.703
August	(c)	.041	1.733	1.773	.001	1.774	.002	1.777
September	(c)	.040	1.613	1.653	.001	1.654	.002	1.656
October	(c)	.047	1.692	1.739	.001	1.740	.002	1.742
November	(c)	.053	1.589	1.642	.001	1.643	.002	1.645
December	(c)	.063	1.642	1.705	.001	1.706	.002	1.708
Total	(c)	.612	19.825	20.436	.010	20.447	.025	20.472
1980								
January	(c)	.073	1.577	1.650	.001	1.651	.002	1.653
February	(c)	.070	1.519	1.589	.001	1.590	.002	1.592
March	(c)	.068	1.584	1.651	.001	1.652	.002	1.654
April	(c)	.050	1.606	1.656	.001	1.657	.002	1.659
May	(c)	.044	1.622	1.666	.001	1.667	.002	1.669
June	(c)	.041	1.562	1.603	.001	1.604	.002	1.606
July	(c)	.042	1.636	1.678	.001	1.679	.002	1.682
August	(c)	.042	1.605	1.646	.001	1.647	.002	1.650
September	(c)	.042	1.543	1.585	.001	1.586	.002	1.588
October	(c)	.050	1.625	1.675	.001	1.676	.002	1.678
November	(c)	.057	1.507	1.564	.001	1.565	.002	1.567
December	(c)	.070	1.622	1.692	.001	1.693	.002	1.695
Total	(c)	.650	19.008	19.658	.011	19.669	.026	19.695
1981								
January	(c)	.077	1.580	1.656	.001	1.657	.002	1.660
February	(c)	.065	1.406	1.470	.001	1.471	.002	1.473
March	(c)	.065	1.549	1.613	.001	1.614	.002	1.616
April	(c)	.050	1.548	1.598	.001	1.599	.002	1.601
May	(c)	.048	1.583	1.632	.001	1.632	.002	1.635
June	(c)	.044	1.616	1.660	.001	1.661	.002	1.664
July	(c)	.044	1.654	1.698	.001	1.699	.002	1.701
August	(c)	.044	1.609	1.653	.001	1.654	.002	1.656
September	(c)	.043	1.559	1.602	.001	1.603	.002	1.605
October	(c)	.051	1.588	1.639	.001	1.640	.002	1.642
November	(c)	.055	1.514	1.570	.001	1.571	.002	1.573
December	(c)	.071	1.605	1.676	.001	1.677	.002	1.679
Total	(c)	.658	18.811	19.469	.011	19.480	.026	19.507
1982								
January	(c)	.081	1.452	1.533	.001	1.534	.002	1.536
February	(c)	.068	1.379	1.446	.001	1.447	.002	1.449
March	(c)	.063	1.554	1.617	.001	1.618	.002	1.620
April	(c)	.050	1.568	1.619	.001	1.619	.002	1.621
May	(c)	.039	1.571	1.610	.001	1.611	.002	1.614
June	(c)	.038	1.571	1.608	.001	1.609	.002	1.611
July	(c)	.039	1.598	1.637	.001	1.637	.002	1.640
August	(c)	.039	1.566	1.605	.001	1.605	.002	1.607
September	(c)	.039	1.534	1.573	.001	1.574	.002	1.576
October	(c)	.044	1.530	1.574	.001	1.575	.002	1.577
November	(c)	.053	1.526	1.579	.001	1.580	.002	1.582
December	(c)	.060	1.572	1.631	.001	1.632	.002	1.634
Total	(c)	.612	18.420	19.032	.011	19.043	.026	19.069

See footnotes at end of table.

Table 2.5 Transportation Energy Consumption, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1983								
January	(C)	R 0.053	1.442	R 1.495	0.001	R 1.496	0.002	R 1.498
February	(C)	R .042	1.325	R 1.367	.001	R 1.368	.002	R 1.370
March	(C)	R .044	1.608	R 1.652	.001	R 1.653	.002	R 1.656
April	(C)	R .039	1.496	R 1.535	.001	R 1.536	.002	R 1.538
May	(C)	R .040	1.564	R 1.605	.001	R 1.605	.002	R 1.607
June	(C)	R .040	1.606	R 1.646	.001	R 1.647	.002	R 1.649
July	(C)	R .042	1.613	R 1.655	.001	R 1.656	.002	R 1.659
August	(C)	R .041	1.639	R 1.680	.001	R 1.681	.002	R 1.683
September	(C)	R .038	1.562	R 1.600	.001	R 1.601	.002	R 1.603
October	(C)	R .040	1.575	R 1.616	.001	R 1.616	.002	R 1.618
November	(C)	R .040	1.516	R 1.556	.001	R 1.557	.002	R 1.559
December	(C)	R .046	1.644	R 1.690	.001	R 1.691	.002	R 1.693
Total	(C)	.505	18.593	19.098	.011	19.109	.026	19.135
1984								
January	(C)	.057	R 1.531	R 1.588	.001	R 1.589	.002	R 1.591
February	(C)	.045	R 1.421	R 1.466	.001	R 1.467	.002	R 1.469
March	(C)	.047	R 1.577	R 1.625	.001	R 1.626	.002	R 1.628
April	(C)	.042	R 1.571	R 1.613	.001	R 1.614	.002	R 1.616
May	(C)	.043	R 1.661	R 1.704	.001	R 1.705	.002	R 1.707
June	(C)	.043	R 1.644	R 1.687	.001	R 1.688	.002	R 1.691
July	(C)	.045	R 1.673	R 1.718	.001	R 1.719	.002	R 1.721
August	(C)	.044	R 1.732	R 1.776	.001	R 1.777	.003	R 1.779
September	(C)	.041	R 1.570	R 1.611	.001	R 1.612	.002	R 1.615
October	(C)	.043	R 1.647	R 1.690	.001	R 1.691	.002	R 1.694
November	(C)	.043	R 1.587	R 1.630	.001	R 1.631	.002	R 1.633
December	(C)	.049	R 1.603	R 1.653	.001	R 1.654	.002	R 1.656
Total	(C)	.545	R 19.216	R 19.761	.012	R 19.773	.028	R 19.801
1985								
January	(C)	.056	R 1.546	R 1.602	.001	R 1.603	.003	R 1.606
February	(C)	.047	R 1.432	R 1.480	.001	R 1.481	.002	R 1.483
March	(C)	.043	R 1.613	R 1.657	.001	R 1.658	.002	R 1.660
April	(C)	.040	R 1.632	R 1.673	.001	R 1.674	.002	R 1.676
May	(C)	.041	R 1.688	R 1.729	.001	R 1.730	.003	R 1.733
June	(C)	.039	R 1.634	R 1.673	.001	R 1.674	.003	R 1.677
July	(C)	.041	R 1.707	R 1.748	.001	R 1.749	.003	R 1.752
August	(C)	.040	R 1.749	R 1.789	.001	R 1.790	.003	R 1.793
September	(C)	.038	R 1.577	R 1.615	.001	R 1.616	.002	R 1.618
October	(C)	.040	R 1.679	R 1.719	.001	R 1.720	.002	R 1.723
November	(C)	.040	R 1.591	R 1.631	.001	R 1.633	.003	R 1.635
December	(C)	.053	R 1.656	R 1.708	.001	R 1.709	.003	R 1.712
Total	(C)	.519	R 19.504	R 20.024	.013	R 20.036	.030	R 20.067
1986								
January	(C)	R .052	R 1.592	R 1.644	.001	R 1.645	.003	R 1.647
February	(C)	R .045	R 1.442	R 1.487	.001	R 1.488	.002	R 1.490
March	(C)	R .044	R 1.682	R 1.726	.001	R 1.727	.002	R 1.729
April	(C)	.037	R 1.670	R 1.707	.001	R 1.708	.002	R 1.710
May	(C)	.039	R 1.732	R 1.772	.001	R 1.773	.003	R 1.775
June	(C)	.038	R 1.715	R 1.753	.001	R 1.755	.003	R 1.757
July	(C)	.039	R 1.809	R 1.849	.001	R 1.850	.003	R 1.853
August	(C)	.039	R 1.819	R 1.858	.001	R 1.859	.003	R 1.862
September	(C)	.037	R 1.654	R 1.692	.001	R 1.693	R .003	R 1.695
October	(C)	.039	R 1.756	R 1.795	.001	R 1.796	.002	R 1.799
November	(C)	.039	R 1.648	R 1.687	.001	R 1.688	.002	R 1.690
December	(C)	R .049	R 1.750	R 1.798	.001	R 1.799	.003	R 1.802
Total	(C)	.499	R 20.269	R 20.768	.013	R 20.781	R .031	R 20.812
1987								
January	(C)	.055	R 1.627	R 1.682	.001	R 1.683	.003	R 1.685
February	(C)	R .047	R 1.529	R 1.575	.001	R 1.577	.002	R 1.579
March	(C)	R .046	R 1.724	R 1.770	.001	R 1.771	.002	R 1.773
April	(C)	.043	R 1.727	R 1.771	.001	R 1.772	.002	R 1.774
May	(C)	.043	R 1.805	R 1.849	.001	R 1.850	.003	R 1.852
June	(C)	.041	R 1.780	R 1.821	.001	R 1.822	.003	R 1.825
July	(C)	.039	R 1.854	R 1.893	.001	R 1.895	.003	R 1.897
August	(C)	.041	R 1.823	R 1.864	.001	R 1.865	.003	R 1.868
September	(C)	.039	R 1.719	R 1.758	.001	R 1.759	.002	R 1.761
October	(C)	.042	R 1.807	R 1.850	.001	R 1.851	.002	R 1.853
November	(C)	R .045	R 1.695	R 1.739	.001	R 1.740	.002	R 1.743
December	(C)	R .053	R 1.781	R 1.834	.001	R 1.835	.003	R 1.838
Total	(C)	.535	R 20.871	R 21.406	.013	R 21.419	.029	R 21.448

See footnotes at end of table.

Table 2.5 Transportation Energy Consumption, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum	Primary Consumption	Electricity	Net Consumption	Electrical System Energy Losses	Total Consumption ^b
1988								
January	(c)	0.065	R 1.714	R 1.779	0.001	R 1.780	0.003	R 1.783
February	(c)	.057	R 1.654	R 1.711	.001	R 1.712	.002	R 1.714
March	(c)	.055	R 1.814	R 1.868	.001	R 1.869	.002	R 1.872
April	(c)	.047	R 1.779	R 1.826	.001	R 1.827	.002	R 1.830
May	(c)	.050	R 1.823	R 1.874	.001	R 1.875	.003	R 1.877
June	(c)	.048	R 1.859	R 1.907	.001	R 1.908	.003	R 1.911
July	(c)	.050	R 1.867	R 1.918	.001	R 1.919	.003	R 1.922
August	(c)	.050	R 1.886	R 1.937	.001	R 1.938	.003	R 1.941
September	(c)	.048	R 1.788	R 1.837	.001	R 1.838	.002	R 1.840
October	(c)	.050	R 1.835	R 1.885	.001	R 1.886	.003	R 1.889
November	(c)	.052	R 1.774	R 1.826	.001	R 1.827	.002	R 1.830
December	(c)	.058	R 1.835	R 1.892	.001	R 1.894	.003	R 1.896
Total	(c)	.632	R 21.629	R 22.260	.014	R 22.274	.031	R 22.305
1989								
January	(c)	.059	1.740	1.798	.001	1.799	.002	1.802
February	(c)	.059	1.633	1.691	.001	1.693	.002	1.695
March	(c)	.056	1.869	1.924	.001	1.926	.002	1.928
April	(c)	.050	1.750	1.800	.001	1.801	.002	1.803
May	(c)	.053	1.849	1.902	.001	1.903	.003	1.906
June	(c)	.051	1.888	1.940	.001	1.941	.003	1.943
July	(c)	.051	1.857	1.909	.001	1.910	.003	1.913
August	(c)	.051	1.941	1.992	.001	1.993	.003	1.996
September	(c)	.049	1.790	1.839	.001	1.840	.002	1.843
October	(c)	.050	1.857	1.907	.001	1.908	.002	1.911
November	(c)	.051	1.802	1.854	.001	1.855	.002	1.857
December	(c)	.067	1.893	1.960	.001	1.962	.003	1.964
Total	(c)	.649	21.868	22.517	.014	22.530	.031	22.561
1990								
January	(c)	.079	1.739	1.818	.001	1.819	.002	1.822
February	(c)	.068	1.649	1.717	.001	1.718	.002	1.720
March	(c)	.066	1.854	1.919	.001	1.920	.002	1.923
April	(c)	.058	1.779	1.837	.001	1.838	.002	1.840
May	(c)	.050	1.877	1.927	.001	1.928	.003	1.931
June	(c)	.046	1.847	1.893	.001	1.894	.003	1.897
July	(c)	.045	1.902	1.947	.001	1.949	.003	1.952
August	(c)	.046	1.972	2.018	.001	2.019	.003	2.022
September	(c)	.045	1.749	1.794	.001	1.796	.002	1.798
October	(c)	.050	1.861	1.911	.001	1.912	.003	1.915
November	(c)	.056	1.792	1.848	.001	1.849	.002	1.851
December	(c)	.072	1.789	1.860	.001	1.862	.003	1.864
Total	(c)	.680	21.810	22.490	.014	22.504	.031	22.535
1991								
January	(c)	.076	1.718	1.794	.001	1.795	.003	1.798
February	(c)	.063	1.588	1.652	.001	1.653	.002	1.655
March	(c)	.060	1.780	1.841	.001	1.842	.002	1.844
April	(c)	.050	1.732	1.783	.001	1.784	.002	1.786
May	(c)	.043	1.838	1.881	.001	1.882	.003	1.885
June	(c)	.038	1.823	1.862	.001	1.863	.003	1.866
July	(c)	.041	1.910	1.951	.001	1.952	.003	1.955
August	(c)	.041	1.911	1.952	.001	1.953	.003	1.956
September	(c)	.040	1.761	1.800	.001	1.802	.002	1.804
October	(c)	.046	1.846	1.892	.001	1.893	.002	1.896
November	(c)	.055	1.726	1.782	.001	1.783	.002	1.785
December	(c)	.066	1.821	1.887	.001	1.889	.002	1.891
Total	(c)	.620	21.456	22.076	.014	22.090	.030	22.120
1992								
January	(c)	.070	1.754	1.825	.001	1.826	.002	1.828
February	(c)	.064	1.651	1.715	.001	1.716	.002	1.718
March	(c)	.060	1.803	1.863	.001	1.864	.002	1.866
April	(c)	.052	1.781	1.833	.001	1.834	.002	1.837
May	(c)	.044	1.852	1.896	.001	1.897	.002	1.899
June	(c)	.039	1.835	1.874	.001	1.875	.003	1.878
July	(c)	.040	1.922	1.962	.001	1.963	.003	1.966
August	(c)	.039	1.912	1.950	.001	1.952	.003	1.954
September	(c)	.038	1.803	1.841	.001	1.842	.002	1.844
October	(c)	.042	1.868	1.910	.001	1.911	.002	1.914
November	(c)	.052	1.765	1.817	.001	1.818	.002	1.820
December	(c)	.066	1.866	1.932	.001	1.933	.003	1.936
Total	(c)	.606	21.812	22.418	.014	22.432	.029	22.461

^a Pipeline fuel only, including supplemental gaseous fuels.

^b Due to a lack of consistent historical data, some renewable energy sources are not included. For example, in 1991, an estimated 0.1 quadrillion Btu of renewable energy consumed by the U.S. transportation sector is not included.

^c Since 1978, the small amounts of coal consumed for transportation have

been reported as industrial sector consumption.

R=Revised data. (s)=Less than 0.5 trillion Btu.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Additional Notes and Sources: See end of section.

Table 2.6 Energy Input at Electric Utilities, 1973-1992

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-electric Power ^c	Geothermal Energy	Other ^d	Total
1973								
January	0.769	0.229	0.349	0.068	0.282	0.003	(s)	1.701
February .....	.687	.221	.294	.065	.251	.003	(s)	1.521
March .....	.683	.264	.268	.072	.278	.003	(s)	1.569
April .....	.649	.276	.225	.064	.262	.003	(s)	1.480
May .....	.659	.327	.240	.062	.270	.003	(s)	1.562
June .....	.710	.382	.291	.074	.259	.004	(s)	1.720
July .....	.775	.435	.322	.076	.246	.004	(s)	1.857
August .....	.802	.431	.347	.085	.232	.004	(s)	1.900
September .....	.730	.364	.303	.086	.190	.003	(s)	1.675
October .....	.722	.337	.302	.082	.202	.004	(s)	1.649
November .....	.715	.259	.291	.089	.220	.004	(s)	1.578
December .....	.759	.224	.282	.088	.284	.005	(s)	1.641
Total	8.658	3.748	3.515	.910	2.975	.043	.003	19.852
1974								
January .....	.753	.225	.294	.085	.313	.004	(s)	1.674
February .....	.671	.208	.255	.091	.287	.004	(s)	1.516
March .....	.688	.261	.249	.098	.299	.004	(s)	1.600
April .....	.646	.266	.225	.080	.302	.004	(s)	1.523
May .....	.690	.314	.255	.073	.303	.004	(s)	1.640
June .....	.690	.355	.258	.079	.289	.004	(s)	1.676
July .....	.786	.414	.313	.114	.285	.005	(s)	1.918
August .....	.774	.391	.307	.138	.262	.004	(s)	1.876
September .....	.674	.321	.279	.123	.234	.004	(s)	1.636
October .....	.698	.306	.286	.121	.220	.004	(s)	1.635
November .....	.700	.245	.306	.123	.231	.005	(s)	1.610
December .....	.764	.212	.338	.148	.252	.005	(s)	1.720
Total	8.534	3.519	3.365	1.272	3.276	.053	.003	20.022
1975								
January .....	.775	.210	.338	.154	.266	.004	(s)	1.747
February .....	.695	.194	.272	.140	.253	.004	(s)	1.559
March .....	.710	.217	.253	.164	.297	.005	(s)	1.644
April .....	.661	.220	.232	.147	.282	.005	(s)	1.547
May .....	.661	.282	.231	.152	.294	.005	(s)	1.626
June .....	.724	.316	.256	.140	.288	.006	(s)	1.730
July .....	.791	.372	.278	.169	.271	.006	(s)	1.887
August .....	.822	.370	.308	.175	.241	.007	(s)	1.922
September .....	.706	.324	.232	.159	.219	.006	(s)	1.646
October .....	.711	.282	.238	.161	.241	.007	(s)	1.641
November .....	.721	.234	.235	.156	.260	.007	(s)	1.613
December .....	.809	.220	.293	.184	.276	.007	(s)	1.789
Total	8.786	3.240	3.166	1.900	3.187	.070	.002	20.350
1976								
January .....	.867	.211	.350	.178	.278	.007	(s)	1.892
February .....	.758	.204	.270	.159	.261	.007	(s)	1.659
March .....	.782	.228	.275	.155	.283	.007	(s)	1.731
April .....	.733	.233	.251	.121	.258	.006	(s)	1.603
May .....	.736	.273	.237	.132	.272	.006	(s)	1.656
June .....	.789	.321	.273	.174	.272	.006	(s)	1.835
July .....	.864	.345	.295	.196	.278	.007	(s)	1.985
August .....	.874	.337	.307	.203	.255	.007	(s)	1.983
September .....	.778	.302	.255	.191	.219	.007	(s)	1.752
October .....	.797	.256	.264	.192	.226	.006	(s)	1.741
November .....	.842	.222	.327	.178	.213	.005	(s)	1.788
December .....	.901	.220	.372	.233	.217	.006	(s)	1.950
Total	9.720	3.152	3.477	2.111	3.032	.078	.003	21.574
1977								
January .....	.930	.211	.473	.239	.231	.007	.001	2.091
February .....	.810	.206	.318	.211	.172	.006	.001	1.724
March .....	.801	.239	.305	.223	.222	.007	.001	1.796
April .....	.732	.230	.279	.214	.209	.006	(s)	1.670
May .....	.799	.267	.304	.222	.210	.006	(s)	1.809
June .....	.863	.320	.316	.232	.195	.006	(s)	1.932
July .....	.967	.357	.389	.235	.191	.007	(s)	2.145
August .....	.950	.361	.354	.245	.190	.006	(s)	2.106
September .....	.864	.334	.287	.211	.186	.007	(s)	1.889
October .....	.825	.293	.251	.205	.195	.007	(s)	1.776
November .....	.833	.241	.270	.210	.228	.007	(s)	1.788
December .....	.888	.226	.356	.256	.253	.007	(s)	1.986
Total	10.262	3.284	3.901	2.702	2.482	.077	.005	22.713

See footnotes at end of table.

Table 2.6 Energy Input at Electric Utilities, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-electric Power ^c	Geothermal Energy	Other ^d	Total
1978								
January	0.909	0.237	0.433	0.283	0.277	0.007	(s)	2.146
February .....	.762	.218	.421	.239	.246	.006	(s)	1.893
March .....	.723	.240	.403	.246	.273	.005	(s)	1.890
April .....	.736	.231	.271	.192	.279	.004	(s)	1.714
May .....	.791	.270	.267	.223	.315	.004	(s)	1.871
June .....	.868	.332	.290	.243	.277	.005	(s)	2.015
July .....	.939	.375	.321	.274	.271	.005	(s)	2.183
August .....	.979	.352	.353	.280	.247	.006	(s)	2.218
September .....	.907	.307	.291	.243	.236	.006	(s)	1.991
October .....	.848	.272	.277	.252	.219	.005	(s)	1.873
November .....	.846	.236	.293	.272	.224	.005	(s)	1.876
December .....	.929	.227	.366	.278	.246	.007	(s)	2.054
Total	10.238	3.297	3.987	3.024	3.110	.064	.003	23.724
1979								
January	1.002	.236	.429	.302	.277	.006	(s)	2.253
February .....	.895	.235	.355	.282	.236	.005	(s)	2.008
March .....	.893	.269	.240	.265	.286	.007	.001	1.961
April .....	.833	.270	.223	.200	.280	.007	(s)	1.813
May .....	.887	.287	.234	.163	.317	.007	(s)	1.897
June .....	.940	.331	.261	.175	.276	.007	(s)	1.990
July	1.030	.382	.278	.227	.254	.007	(s)	2.178
August	1.037	.389	.282	.263	.238	.008	(s)	2.217
September .....	.901	.350	.242	.237	.214	.007	(s)	1.951
October .....	.918	.334	.217	.228	.227	.008	(s)	1.932
November .....	.918	.270	.250	.209	.249	.007	.001	1.904
December	1.006	.258	.273	.224	.253	.009	(s)	2.023
Total	11.260	3.613	3.283	2.776	3.107	.084	.005	24.128
1980								
January	1.073	.286	.270	.215	.281	.007	.001	2.133
February	1.012	.273	.264	.210	.239	.007	.001	2.006
March .....	.994	.294	.218	.219	.271	.008	(s)	2.004
April .....	.867	.266	.173	.205	.285	.008	(s)	1.804
May .....	.883	.292	.175	.201	.318	.010	(s)	1.878
June .....	.976	.349	.192	.200	.305	.009	(s)	2.031
July	1.143	.435	.251	.229	.273	.010	(s)	2.340
August	1.133	.420	.268	.265	.231	.010	(s)	2.328
September	1.020	.370	.192	.257	.210	.009	(s)	2.059
October .....	.960	.312	.169	.267	.204	.011	(s)	1.924
November .....	.973	.265	.213	.229	.217	.010	(s)	1.908
December	1.089	.250	.249	.241	.250	.010	(s)	2.090
Total	12.123	3.810	2.634	2.739	3.085	.110	.005	24.505
1981								
January	1.153	.240	.275	.262	.263	.011	(s)	2.205
February	1.010	.232	.188	.238	.247	.010	(s)	1.925
March	1.021	.283	.184	.243	.245	.011	(s)	1.986
April .....	.921	.299	.160	.228	.245	.010	(s)	1.864
May .....	.949	.327	.156	.218	.281	.010	(s)	1.941
June	1.056	.394	.203	.233	.304	.010	(s)	2.201
July	1.184	.425	.214	.255	.292	.011	(s)	2.381
August	1.149	.403	.171	.297	.255	.011	(s)	2.286
September	1.022	.336	.165	.269	.215	.011	(s)	2.019
October	1.008	.312	.171	.227	.219	.011	(s)	1.947
November .....	.991	.268	.146	.251	.227	.009	(s)	1.892
December	1.120	.248	.169	.287	.279	.009	(s)	2.112
Total	12.583	3.768	2.202	3.008	3.072	.123	.004	24.760
1982								
January	1.204	.246	.221	.284	.308	.008	(s)	2.273
February	1.036	.228	.162	.224	.302	.008	(s)	1.959
March	1.015	.255	.144	.252	.333	.007	(s)	2.005
April .....	.922	.255	.120	.241	.311	.007	(s)	1.856
May .....	.967	.267	.106	.240	.315	.008	(s)	1.903
June	1.005	.306	.111	.266	.304	.009	(s)	2.001
July	1.171	.366	.144	.282	.305	.010	(s)	2.277
August	1.162	.374	.125	.277	.283	.010	(s)	2.232
September	1.026	.304	.110	.281	.241	.009	(s)	1.972
October .....	.982	.283	.106	.257	.242	.010	(s)	1.880
November	1.013	.235	.100	.257	.276	.011	(s)	1.892
December	1.079	.222	.120	.270	.320	.008	(s)	2.020
Total	12.582	3.342	1.568	3.131	3.539	.105	.003	24.270

See footnotes at end of table.

Table 2.6 Energy Input at Electric Utilities, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-electric Power ^c	Geothermal Energy	Other ^d	Total
1983								
January	1.128	0.215	0.137	0.273	0.336	0.010	(s)	2.100
February .....	.967	.182	.134	.242	.323	.008	(s)	1.857
March .....	.996	.214	.133	.261	.347	.009	(s)	1.960
April .....	.921	.209	.110	.244	.344	.009	(s)	1.836
May .....	.965	.225	.097	.240	.351	.007	(s)	1.886
June	1.064	.255	.119	.263	.351	.009	(s)	2.062
July	1.276	.324	.156	.279	.328	.011	(s)	2.375
August	1.348	.363	.158	.286	.306	.015	(s)	2.476
September	1.146	.307	.123	.273	.266	.014	(s)	2.129
October	1.071	.259	.106	.281	.255	.014	(s)	1.987
November	1.082	.221	.099	.273	.292	.013	(s)	1.980
December	1.249	.225	.171	.287	.366	.010	.001	2.310
Total	13.213	2.998	1.544	3.203	3.866	.129	.004	24.956
1984								
January	1.271	.223	.169	.318	R .343	.010	.001	R 2.334
February	1.103	.194	.108	.308	R .320	.013	(s)	R 2.046
March	1.151	.213	.115	.296	R .347	.014	.001	R 2.138
April	1.004	.228	.081	.263	R .343	.014	.001	R 1.932
May	1.045	.274	.090	.280	R .365	.013	.001	R 2.068
June	1.202	.308	.121	.274	R .332	.013	.001	R 2.251
July	1.274	.361	.111	.307	R .325	.012	.001	R 2.391
August	1.338	.362	.137	.320	R .309	.015	.001	R 2.482
September	1.140	.301	.083	.316	R .256	.014	.001	R 2.111
October	1.155	.279	.084	.269	R .259	.015	.001	R 2.063
November	1.144	.253	.100	.266	R .266	.015	.001	R 2.046
December	1.193	.225	.086	.335	R .303	.017	.001	R 2.159
Total	14.020	3.220	1.286	3.553	R 3.767	.165	.009	R 26.020
1985								
January	1.334	.235	.132	.391	R .318	.016	.001	R 2.427
February	1.163	.210	.101	.333	R .295	.015	.001	R 2.119
March	1.148	.215	.077	.336	R .295	.017	.001	R 2.090
April	1.067	.243	.066	.286	R .285	.015	.001	R 1.962
May	1.144	.245	.075	.310	R .310	.015	.001	R 2.102
June	1.208	.293	.083	.333	R .286	.015	.001	R 2.219
July	1.347	.349	.090	.380	R .267	.016	.001	R 2.451
August	1.322	.368	.107	.376	R .256	.017	.001	R 2.448
September	1.190	.285	.082	.373	R .235	.016	.001	R 2.182
October	1.152	.259	.082	.337	R .245	.016	.001	R 2.092
November	1.138	.239	.075	.326	R .273	.019	.001	R 2.072
December	1.329	.218	.120	.365	R .299	.021	.001	R 2.354
Total	14.542	3.160	1.090	4.149	R 3.365	.198	.015	R 26.519
1986								
January	1.350	.190	.119	.391	R .261	.021	.001	R 2.334
February	1.161	.162	.101	.353	R .271	.018	.001	R 2.068
March	1.136	.175	.107	.332	R .322	.019	.001	R 2.094
April	1.014	.205	.097	.329	R .312	.017	.001	R 1.976
May	1.084	.239	.111	.345	R .314	.017	.001	R 2.111
June	1.242	.269	.123	.338	R .302	.019	.001	R 2.294
July	1.434	.311	.173	.388	R .283	.020	.001	R 2.610
August	1.301	.286	.163	.405	R .261	.020	.001	R 2.436
September	1.192	.255	.115	.395	R .256	.017	.001	R 2.231
October	1.141	.224	.105	.391	R .254	.016	.001	R 2.133
November	1.142	.193	.112	.377	R .272	.014	.001	R 2.111
December	1.246	.181	.126	.426	R .305	.019	.001	R 2.305
Total	14.444	2.691	1.452	4.471	R 3.413	.219	.012	R 26.703
1987								
January	1.319	.191	.128	.431	R .305	.019	.001	R 2.395
February	1.135	.163	.111	.394	R .266	.018	.001	R 2.089
March	1.155	.197	.107	.402	R .288	.019	.001	R 2.169
April	1.087	.213	.084	.361	R .277	.018	.001	R 2.041
May	1.194	.250	.086	.370	R .289	.019	.001	R 2.210
June	1.342	.293	.112	.394	R .260	.020	.002	R 2.422
July	1.495	.329	.134	.432	R .259	.020	.002	R 2.670
August	1.481	.349	.120	.446	R .239	.020	.002	R 2.657
September	1.253	.277	.082	.427	R .223	.019	.001	R 2.282
October	1.207	.246	.073	.393	R .221	.019	.001	R 2.160
November	1.183	.224	.103	.403	R .206	.018	.001	R 2.138
December	1.322	.203	.117	.453	R .251	.019	.001	R 2.366
Total	15.173	2.935	1.257	4.906	R 3.084	.229	.016	R 27.600

See footnotes at end of table.

Table 2.6 Energy Input at Electric Utilities, 1973-1992 (Continued)

(Quadrillion Btu)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-electric Power ^c	Geothermal Energy	Other ^d	Total
1988								
January	1.418	0.172	0.170	0.480	R 0.260	0.019	0.001	R 2.521
February	1.283	.174	.123	.454	R .231	.016	.001	R 2.283
March	1.228	.210	.102	.472	R .234	.019	.001	R 2.265
April	1.131	.205	.079	.430	R .223	.017	.001	R 2.088
May	1.181	.247	.076	.437	R .242	.017	.001	R 2.201
June	1.366	.288	.105	.474	R .221	.018	.002	R 2.473
July	1.500	.337	.149	.535	R .210	.020	.002	R 2.752
August	1.573	.354	.171	.527	R .208	.019	.002	R 2.853
September	1.286	.239	.105	.497	R .193	.018	.002	R 2.340
October	1.245	.187	.138	.458	R .179	.018	.002	R 2.226
November	1.239	.155	.154	.425	R .208	.018	.001	R 2.201
December	1.399	.141	.192	.473	R .221	.018	.001	R 2.446
Total	15.850	2.709	1.563	5.661	R 2.630	.217	.017	R 28.648
1989								
January	1.392	.152	.161	.497	.230	.017	.001	2.450
February	1.309	.178	.185	.415	.211	.016	.001	2.315
March	1.293	.217	.175	.425	.240	.018	.001	2.370
April	1.170	.242	.121	.359	.258	.016	.001	2.168
May	1.220	.258	.107	.411	.302	.017	.001	2.316
June	1.327	.268	.134	.461	.283	.017	.002	2.491
July	1.454	.329	.132	.561	.256	.017	.002	2.751
August	1.470	.319	.118	.589	.226	.016	.002	2.740
September	1.312	.276	.109	.481	.205	.015	.002	2.398
October	1.263	.262	.089	.467	.207	.016	.002	2.305
November	1.272	.195	.121	.465	.209	.015	.002	2.280
December	1.508	.176	.233	.545	.220	.016	.002	2.701
Total	15.988	2.871	1.685	5.677	2.848	.197	.020	29.286
1990								
January	1.391	.151	.123	.589	.239	.016	.002	2.510
February	1.216	.136	.100	.534	.238	.015	.002	2.241
March	1.274	.190	.108	.492	.275	.016	.002	2.358
April	1.213	.206	.108	.411	.255	.013	.002	2.207
May	1.240	.252	.101	.459	.273	.015	.002	2.341
June	1.367	.307	.141	.495	.281	.016	.001	2.608
July	1.497	.337	.138	.573	.256	.016	.002	2.819
August	1.530	.355	.117	.595	.227	.015	.002	2.842
September	1.402	.311	.086	.518	.184	.015	.002	2.518
October	1.347	.266	.077	.463	.207	.015	.002	2.378
November	1.278	.191	.067	.481	.217	.015	.002	2.249
December	1.434	.181	.085	.551	.260	.016	.002	2.528
Total	16.189	2.882	1.250	6.161	2.914	.181	.021	29.599
1991								
January	1.482	.177	.099	.584	.275	.015	.002	2.634
February	1.217	.150	.092	.514	.234	.013	.002	2.221
March	1.230	.198	.092	.528	.280	.015	.002	2.344
April	1.151	.221	.084	.447	.284	.013	.002	2.201
May	1.271	.255	.115	.502	.314	.014	.002	2.472
June	1.366	.266	.117	.582	.283	.014	.002	2.631
July	1.491	.338	.118	.652	.272	.014	.002	2.887
August	1.492	.335	.123	.628	.256	.014	.002	2.851
September	1.337	.269	.091	.557	.218	.013	.002	2.488
October	1.284	.270	.068	.512	.211	.014	.002	2.361
November	1.324	.203	.084	.497	.209	.015	.002	2.333
December	1.384	.174	.094	.576	.247	.015	.002	2.492
Total	16.028	2.856	1.178	6.579	3.083	.170	.021	29.915
1992								
January	1.419	.173	.108	.618	.242	.015	.002	2.577
February	1.251	.174	.087	.564	.203	.013	.002	2.294
March	1.303	.212	.092	.489	.234	.015	.002	2.348
April	1.222	.234	.069	.451	.219	.014	.001	2.211
May	1.260	.242	.056	.487	.251	.014	.002	2.311
June	1.333	.272	.080	.547	.254	.014	.002	2.501
July	1.534	.341	.092	.598	.238	.014	.002	2.820
August	1.468	.309	.076	.626	.217	.014	.002	2.714
September	1.371	.280	.074	.544	.201	.013	.002	2.485
October	1.306	.217	.073	.521	.200	.014	.002	2.333
November	1.302	.193	.074	.542	.227	.014	.002	2.353
December	1.442	.179	.070	.620	.272	.014	.002	2.600
Total	16.211	2.826	.951	6.607	2.760	.170	.022	29.547

^a Includes supplemental gaseous fuels.
^b Includes residual and distillate fuel oils, petroleum coke, and small amounts of kerosene and jet fuel.
^c Includes net imports of electricity.
^d "Other" is electricity generated for distribution from wood, waste, wind, photovoltaic, and solar thermal energy.

R=Revised data. (s)=Less than 0.5 trillion Btu.
 Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.
 Additional Notes and Sources: See end of section.

Energy Consumption Notes and Sources

The data in this section of the *Historical Monthly Energy Review (HMER)* are obtained initially from a group of energy-related surveys, typically called "supply surveys," conducted by the Energy Information Administration (EIA). Supply surveys are those surveys directed to suppliers and marketers of specific energy sources. They measure the quantities of specific energy sources produced, or the quantities supplied to the market, or both. The data obtained from the EIA's supply surveys are integrated to yield the summary consumption statistics published in this section (and in Section 1) of the *HMER*. Users of the EIA's energy consumption statistics should be aware of a second group of energy-related surveys, typically called "consumption surveys." Consumption surveys gather information on the types of energy consumed by end users of energy, along with the characteristics of those end users that can be associated with energy use. For example, the Manufacturing Energy Consumption Survey belongs to the consumption survey group because it collects information directly from end users (the manufacturing establishments). There are important differences between the supply and consumption surveys that need to be taken into account in any analysis that uses both data sources. For information on those differences, see *Energy Consumption by End-Use Sector, A Comparison of Measures by Consumption and Supply Surveys*, DOE/EIA-0533, EIA, Washington, DC, April 6, 1990. The numbered notes that follow elaborate on essential information in Section 2.

1. Total Energy Consumed: Total energy consumed includes coal, natural gas (including supplemental gaseous fuels), petroleum products supplied, electric utility and industrial generation of hydroelectric power, net imports of electricity generated from hydroelectric power, and electricity generated from nuclear power. Total energy consumed also includes electricity generated from geothermal, wood, waste, wind, photovoltaic, and solar thermal energy but excludes other energy obtained from those sources because consistent historical data are not available.

2. Economic Sectors: Energy use is assigned to the major economic sectors according to the following guidelines as closely as possible:

- Residential—All private residences, whether occupied or vacant, owned or rented, including single-family homes, multifamily housing units, and mobile homes. Secondary homes, such as summer homes, are also included. Institutional housing, such as school dormitories, hospitals, and military barracks, generally are not included in

the residential sector; they are included in the commercial sector.

- Commercial—Business establishments that are not engaged in transportation or in manufacturing or other types of industrial activity (agriculture, mining, or construction). Commercial establishments include hotels, motels, restaurants, wholesale businesses, retail stores, laundries, and other service enterprises; religious and nonprofit organizations; health, social, and educational institutions; and Federal, State, and local governments. Street lights, pumps, bridges, and public services are also included if the establishment operating them is considered commercial.
- Industrial—Manufacturing industries, which make up the largest part of the sector, along with mining, construction, agriculture, fisheries, and forestry. Establishments in this sector range from steel mills to small farms to companies assembling electronic components.
- Transportation—Private and public vehicles that move people and commodities. Included are automobiles, trucks, buses, motorcycles, railroads and railways (including streetcars), aircraft, ships, barges, and natural gas pipelines.
- Electric Utility—Privately and publicly owned establishments that generate, transmit, distribute, and sell electricity primarily for use by the public and meet the definition of an electric utility. Non-utility power producers are not included in the electric utility sector.

Although the end-use allocations are made according to these aggregations as closely as possible, some data are collected by using different classifications. For example, data on agricultural use of natural gas are collected and reported in the commercial sector, rather than in the industrial sector. Since agricultural use of natural gas cannot be identified separately, it is included in the commercial sector in this report. Another example is master-metered condominiums and apartments, and buildings with a combination of residential and commercial units. In many cases, the metering and billing practices cause residential energy usage of electricity, natural gas, or fuel oil to be included in the commercial sector. No adjustments for these discrepancies were made.

3. Conversion Factors: See the conversion factors listed in Appendix A.

4. Coal: Coal is anthracite, bituminous coal (including subbituminous coal), and lignite. Sources:

- 1973-September 1977: U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Minerals Yearbook* and *Minerals Industry Surveys*.

- Electric Utilities—October 1977-1992: EIA, Form EIA-759 (formerly Federal Power Commission (FPC), Form FPC-4), "Monthly Power Plant Report."
- Other Industrial—October 1977-December 1979: EIA, Form EIA-3, "Monthly Coal Consumption Report—Manufacturing Plants"; January 1980-1992: EIA, Form EIA-3, "Quarterly Coal Consumption Report—Manufacturing Plants" and Form EIA-6, "Coal Distribution Report," quarterly.
- Coke Plants—October 1977-December 1980: EIA, Form EIA-5/5A, "Coke and Coal Chemicals—Monthly/Annual"; January 1981-December 1984: EIA, Form EIA-5/5A, "Coke Plant Report—Quarterly/Annual Supplement"; January 1985-1992: EIA, Form EIA-5/5A, "Coke Plant Report—Quarterly."
- Residential and Commercial—October 1977-December 1979: EIA, Form EIA-2, "Monthly Coal Report, Retail Dealers—Upper Lake Docks"; January 1980-1992: EIA, Form EIA-6, "Coal Distribution Report," quarterly.

5. Natural Gas: Natural gas consumption by end use is based on data presented in Table 4.4 of this report. For Section 2 calculations, lease and plant fuel consumption are added to industrial deliveries, and pipeline fuel represents transportation use of natural gas. Values in Btu are derived by using the conversion factors provided in Appendix A. Sources:

- 1973-1975: DOI, BOM, *Minerals Yearbook*, "Natural Gas" chapter.
- 1976-1978: EIA, *Energy Data Reports*, "Natural Gas, Annual."
- 1979: EIA, *Natural Gas Production and Consumption 1979*.
- 1980-1992: EIA, *Natural Gas Annual*.
- Electric Utilities—1973-1976: Form FPC-4, "Monthly Power Plant Report"; 1977-1981: Federal Energy Regulatory Commission (FERC), Form FPC-4, "Monthly Power Plant Report"; 1982-1992: EIA, Form EIA-759, "Monthly Power Plant Report."
- American Gas Association, "Monthly Gas Utility Statistical Report," residential and commercial monthly sales data for 1973-1979, which are used to estimate monthly consumption values from EIA annual consumption values.

6. Petroleum: Petroleum consumption by end use is the sum of all individual petroleum products estimated to be consumed in each end-use sector. First, total consumption by product is determined. Petroleum consumption in this section of the *Historical Monthly Energy Review (HMER)* is the series called "petroleum products

supplied" in Section 3. Sources for petroleum products supplied by individual products are:

- 1973-1975: DOI, BOM, *Mineral Industry Surveys*, "Petroleum Statement, Annual."
- 1976-1980: EIA, *Energy Data Reports*, "Petroleum Statement, Annual."
- 1981-1992: EIA, *Petroleum Supply Annual*.

Specific petroleum products' end-use allocation procedures follow:

- **Aviation Gasoline**—All product supplied is assigned to the transportation sector.
- **Asphalt**—All product supplied is assigned to the industrial sector.
- **Distillate Fuel**—Product supplied is assigned to electric utilities and non-electric utilities as follows:

Electric Utilities, All Periods.

For 1973-1979, consumption of distillate fuel is assumed to be the amount of petroleum (minus small amounts of kerosene and kerosene-type jet fuel deliveries) consumed in gas turbine and internal combustion plants. For 1980-1992, consumption of distillate fuel is assumed to be the amount of light oil (minus small amounts of kerosene deliveries through 1982) consumed at electric utilities. (See Table 7.3)

Sources: 1973-September 1977: FPC, Form FPC-4, "Monthly Power Plant Report"; October 1977-1981: FERC, Form FPC-4, "Monthly Power Plant Report"; 1982-1992: EIA, Form EIA-759, "Monthly Power Plant Report."

Sectors Other Than Electric Utilities, Annual Estimates.

The aggregate non-electric utility use of distillate fuel is total distillate fuel supplied minus the electric utility consumption. The non-electric utility annual consumption totals are allocated to the individual non-electric utility sectors (residential, commercial, industrial, and transportation) in proportion to the share of "adjusted sales" of each end-use sector, as reported in EIA's *Fuel Oil and Kerosene Sales* report series (DOE/EIA-0535), which is based primarily on data collected by Form EIA-821, previously Form EIA-172. "Adjusted sales" are sales that have been adjusted at the PAD district level to equal EIA volume estimates of petroleum products supplied in the U.S. market. Following are notes on the individual sector groupings:

- From 1979-1992, the residential sector adjusted sales total is directly from the *Sales* reports. Prior to 1979, each year's sales subtotal of the heating plus industrial category was split into residential, commercial, and industrial (including farm) in proportion to the 1979 shares.

- From 1979-1992, the commercial sector adjusted sales total is directly from the *Sales* reports. Prior to 1979, each year's sales subtotal of the heating plus industrial category was split into residential, commercial, and industrial (including farm) in proportion to the 1979 shares.

- From 1979-1992, the industrial sector adjusted sales total is the sum of the adjusted sales for industrial, farm, oil company, off-highway, diesel, and all other uses. Prior to 1979, each year's sales subtotal of the heating plus industrial category was split into residential, commercial, and industrial (including farm) in proportion to the 1979 shares, and this estimated industrial portion is added to oil company, off-highway diesel, and all other uses.

- The transportation sector adjusted sales total is the sum of the adjusted sales for railroad, vessel bunkering, on-highway diesel, and military uses for all years.

Sectors Other Than Electric Utilities, Monthly Estimates.

- Residential and commercial monthly consumption is estimated by allocating the annual estimates, which are described above, into the months in proportion to each month's share of the year's sales of No. 2 heating oil. The year's sales totals are from the following sources: for 1973-1980, the Ethyl Corporation, *Monthly Report of Heating Oil Sales*; for 1981 and 1982, the American Petroleum Institute, *Monthly Report of Heating Oil Sales*; and for 1983-1992, EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," No. 2 Fuel Oil Sales to End Users and for Resale.

- The transportation highway use portion is allocated into the months in proportion to each month's share of the year's total sales for highway use as reported by the Federal Highway Administration's Table MF-25, "Private and Commercial Highway Use of Special Fuels by Months." The remaining transportation use of distillate fuel (i.e., for railroads, vessel bunkering, and military use) is evenly distributed over the months, adjusted for the number of days per month.

- Industrial monthly estimates are made by subtracting the residential and commercial, transportation, and electric utility sector estimates from each month's total distillate fuel supplied.

- **Jet Fuel**—Through 1982, small amounts of kerosene-type jet fuel were consumed by electric utilities. Kerosene-type jet fuel deliveries to electric utilities as reported on the Form FERC-423 (formerly Form FPC-423) were used as estimates of this consumption. All remaining jet fuel (kerosene-type and naphtha-type) is consumed by the transportation sector.

- **Kerosene**—Total product supplied monthly is allocated to the major end-use sectors in proportion to annual sales grouped into end-use sectors from EIA's *Fuel Oil and Kerosene Sales* reports (based primarily on data collected by Form EIA-821, previously Form EIA-172), as follows:

-Residential deliveries, and commercial and industrial sales are taken directly from the *Sales* reports for 1979-1992. Prior to 1979, each year's sales category called "heating" was split into residential, commercial, and industrial in proportion to the 1979 shares. The estimated industrial (including farm) portion was added to all other uses.

- **Liquefied Petroleum Gases (LPG)**—The annual shares of LPG's total consumption that are estimated to be consumed by each end-use sector are applied to each month's total LPG consumption (i.e., product supplied) to create monthly end-use consumption estimates. The annual end-use shares are calculated in the following manner:

- Sales of LPG to the residential and commercial sector are converted from thousand gallons per year to thousand barrels per year and are assumed to be the annual consumption of LPG by the sector.

- The quantity of LPG sold each year for consumption in internal combustion engines is allocated between the transportation and industrial sectors on the basis of data for special fuels used on highways published by the U.S. Department of Transportation, Federal Highway Administration, in *Highway Statistics*. The allocations of LPG sold for internal combustion engine use to the transportation sector range from a high of 67 percent in 1981 to a low of 37 percent in 1987.

- LPG consumed annually by the industrial sector is estimated as the difference between LPG's total supplied and the estimated consumption by the sum of the residential and commercial sector and the transportation sector. The industrial sector includes LPG used by chemical plants as raw materials or solvents and for use in the production

of synthetic rubber; refinery fuel use; use as synthetic natural gas feedstock; and use in secondary recovery projects; all farm use; LPG sold to gas utility companies for distribution through the mains; and a portion of the use of LPG as an internal combustion engine fuel.

The sources of the annual sales data for creating annual end-use shares are:

- 1973-1982: EIA's "Sales of Liquefied Petroleum Gases and Ethane" reports, based primarily on data collected by Form EIA-174.
- 1983: End-use consumption estimates for 1983 are based on 1982 end-use consumption because the collection of data under Form EIA-174 was discontinued after data year 1982.
- 1984-1992: American Petroleum Institute (API), "Sales of Natural Gas Liquids and Liquefied Refinery Gases," which is based on an LPG sales survey jointly sponsored by API, the Gas Processors Association, and the National Liquefied Petroleum Gas Association.
- **Lubricants**—Total product supplied is allocated to the industrial and transportation sectors for all months according to proportions developed from annual sales of lubricants to the two sectors from U.S. Department of Commerce, Bureau of the Census, *Current Industrial Reports*, "Sales of Lubricating and Industrial Oils and Greases." The 1973 shares were applied to 1973 and 1974; the 1975 shares were applied to 1975 and 1976; and the 1977 shares were applied to 1977-1992.
- **Motor Gasoline**—Total product supplied monthly is allocated to the major end-use sectors in proportion to aggregations of annual sales categories created on the basis of the U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics*, Tables MF-21, MF-24, and MF-25, as follows:
 - Commercial sales are the sum of sales for public non-highway use and miscellaneous and unclassified uses.
 - Industrial sales are the sum of sales for agriculture, construction, and industrial and commercial use as classified in the *Highway Statistics*.
 - Transportation sales are the sum of sales for highway use (minus the sales of special fuels, which are primarily diesel fuel and are accounted for in the transportation sector of distillate fuel) and sales for marine use.
- **Petroleum Coke**—The portion consumed by electric utilities is from Form EIA-759, "Monthly Power Plant Report" (formerly Form FPC-4). The

remaining petroleum coke is assigned to the industrial sector.

- **Residual Fuel**—Product supplied is assigned to electric utilities and non-electric utilities as follows:

Electric Utilities, All Periods.

For 1973-1979, consumption of residual fuel is assumed to be the amount of petroleum consumed in steam-electric power plants. For 1980-1992, consumption of residual fuel is assumed to be the amount of heavy oil consumed at electric utilities. (See Table 7.3)

Sources: 1973-September 1977: Form FPC-4, "Monthly Power Plant Report"; October 1977-1981: FERC, Form FPC-4, "Monthly Power Plant Report"; 1982-1992: EIA, Form EIA-759, "Monthly Power Plant Report."

Sectors Other Than Electric Utilities, Annual Estimates.

The aggregate non-electric utility use of residual fuel is total residual fuel supplied minus the electric utility consumption. The non-electric utility annual totals are allocated into the individual non-electric utility sectors in proportion to the amount of residual fuel sold to end users, grouped into sectors from EIA's *Fuel Oil and Kerosene Sales* reports (based primarily on data collected by Form EIA-821, previously Form EIA-172), as follows:

- From 1979-1992, commercial sales data are directly from the *Sales* reports. Prior to 1979, each year's sales subtotal of the heating plus industrial category was split into commercial and industrial in proportion to the 1979 shares.
- From 1979-1992, industrial sales data are the sum of sales for industrial, oil company, and all other uses. Prior to 1979, each year's sales subtotal of the heating plus industrial category was split into commercial and industrial in proportion to the 1979 shares, and this estimated industrial portion was added to oil company and all other uses.
- Transportation sales are the sum of sales for railroad, vessel bunkering, and military uses for all years.

Sectors Other Than Electric Utilities, Monthly Estimates.

- Commercial sector monthly consumption is estimated by allocating the annual estimates, which are described above, into the months in proportion to

each month's share of the year's sales of No. 2 heating oil. The year's sales totals are from the following sources: for 1973-1980, the Ethyl Corporation, *Monthly Report of Heating Oil Sales*; for 1981 and 1982, the American Petroleum Institute, *Monthly Report of Heating Oil Sales*; and for 1983-1992, EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," No. 2 Fuel Oil Sales to End Users and for Resale.

- Transportation monthly estimates are made by evenly distributing the annual sector estimate over the months, adjusting for the number of days per month.

- Industrial monthly estimates are made by subtracting the commercial, transportation, and electric utility sector estimates from each month's total residual fuel supplied.

- **Road Oil**—All product supplied is assigned to the industrial sector.
- **All Other Petroleum Products**—The product supplied of all remaining petroleum products is assigned to the industrial sector.

7. Nuclear Electric Power, Geothermal, and Wood, Waste, Wind, Photovoltaic, and Solar Thermal Energy Sources Connected to Electric Utility Distribution Systems. Sources:

- 1973-1976: FPC, Form FPC-4, "Monthly Power Plant Report."
- 1977-1981: FERC, Form FPC-4, "Monthly Power Plant Report."
- 1982-1992: EIA, Form EIA-759, "Monthly Power Plant Report."

8. Hydroelectric Power: Includes electricity generated by hydroelectric power at electric utilities, small amounts in the industrial sector, and net imports of electricity, which are assumed to be generated by hydroelectric power and are included in the electric utilities sector.

Sources for electric utilities sector:

- 1973-1976: FPC, Form FPC-4, "Monthly Power Plant Report."
- 1977-1981: FERC, Form FPC-4, "Monthly Power Plant Report."
- 1982-1992: EIA, Form EIA-759, "Monthly Power Plant Report."

Sources for industrial sector:

- 1973-1978: FPC, Form FPC-4, "Monthly Power Plant Report," for plants with generating capacity exceeding 10 megawatts, and FPC, Form FPC-12C, "Industrial Electric Generating Capacity," for all other plants.
- 1979: FPC, Form FPC-4, "Monthly Power Plant Report," for plants with generating capacity exceeding 10 megawatts and EIA estimates for all other plants.
- 1980-1992: Annual generation estimated by EIA as the average generation over the 6-year period of 1974-1979; monthly generation estimated to be in proportion to each month's hydroelectricity generation in the electric utility industry in 1980.

Note for imports and exports of electricity:

- Annual electricity import and export values are based on reported data. Monthly values from January 1982-1992 are based on reported data from the same sources. Monthly values prior to 1982 were estimated by converting the annual values to daily rates and multiplying by the number of days in the month. Accordingly, month-to-month analyses are not comparable across the transition date of January 1982. Monthly analyses on either side of that date and all annual analyses are comparable.

Sources for imports and exports of electricity:

- 1973-1980: Department of Energy (DOE), Economic Regulatory Administration (ERA), "Report on Electric Energy Exchanges with Canada and Mexico."
- 1981: DOE, Office of Energy Emergency Operations, "Report on Electric Energy Exchanges with Canada and Mexico for Calendar Year 1981," April 1982 (revised June 1982).
- 1982 and 1983: DOE, ERA, *Electricity Exchanges Across International Borders*.
- 1984-1986: DOE, ERA, *Electricity Transactions Across International Borders*.
- 1987 and 1988: DOE, ERA, Form ERA-781R, "Annual Report of International Electrical Export/Import Data."
- 1989-1992: DOE, Assistant Secretary for Fossil Energy, Form FE-781-R, "Annual Report of International Electrical Export/Import Data."

9. Net Imports of Coal Coke: Net imports means imports minus exports, and a minus sign indicates that exports are greater than imports. Sources:

- 1973-1975: DOI, BOM, *Minerals Yearbook*, "Coke and Coal Chemicals" chapter.
- 1976-1980: EIA, *Energy Data Report*, "Coke and Coal Chemicals" annual.
- 1981: EIA, *Energy Data Report*, "Coke Plant Report," quarterly.
- 1982-1992: EIA, *Quarterly Coal Report*.

10. Electricity: End-use consumption of electricity is based on Table 7.2 sales data. "Other," which is primarily for use in government buildings, is added to the commercial sector, except for approximately 4 percent used by railroads and railways and attributed to the transportation sector. For 1973-1983, "Monthly Series" data are used directly. For 1984-1992, monthly estimates are created by dividing each month's "Monthly Series" value by the "Monthly Series" total for the year and multiplying by the "Annual Series" value for the year. Kilowatthours are converted to Btu at the rate of 3,412 Btu per kilowatthour. See Table 7.2 for sources of the electricity sales data.

11. Electrical System Energy Losses: Electrical system energy losses are calculated as the difference between

total energy input at electric utilities and the total energy content of electricity sold to end-use consumers. Most of those losses occur at steam-electric power plants (conventional and nuclear) in the conversion of heat energy into mechanical energy to turn electric generators. The loss is a thermodynamically necessary feature of the steam-electric cycle. Part of the energy input-to-output losses is a result of imputing fossil energy equivalent inputs for hydroelectric and other energy sources, since there is no generally accepted practice for measuring those thermal conversion rates. In addition to conversion losses, other losses include power plant use of electricity, transmission and distribution of electricity from power plants to end-use consumers (also called "line losses"), and unaccounted for electricity. Total losses are allocated to the end-use sectors in proportion to each sector's share of total electricity sales. Overall, approximately 67 percent of total energy input is lost in conversion; of electricity generated, approximately 5 percent is lost in plant use and 9 percent is lost in transmission and distribution. Calculated electrical system energy losses may be less than actual losses, because primary consumption does not include the energy equivalent of utility purchases of electricity from non-electric utilities and from Canada and Mexico, although they are included in electricity sales.

Section 3

Petroleum



Up to 2 million barrels per day of North Slope crude oil flow through the Trans-Alaska Pipeline to the Port of Valdez.

Table 3.1a Petroleum Overview, 1973-1992: Field Production, Stock Change, Petroleum Products Supplied, and Ending Stocks

	Field Production			Stock Change ^a		Petroleum Products Supplied	Ending Stocks ^b
	Total Domestic ^c	Crude Oil	Natural Gas Plant Production	Crude Oil ^d	Petroleum Products		Crude Oil ^d and Petroleum Products
	Thousand Barrels per Day						Million Barrels
1973							
January	10,884	9,176	1,680	-288	-1,430	18,713	906
February	11,174	9,395	1,745	-75	-1,332	19,094	866
March	11,039	9,272	1,734	283	390	17,216	887
April	11,065	9,292	1,750	155	716	15,921	913
May	11,034	9,262	1,739	293	365	16,626	934
June	10,969	9,214	1,727	-300	1,111	16,481	958
July	10,986	9,217	1,737	-167	1,080	16,372	986
August	10,947	9,169	1,748	150	194	17,499	997
September	10,837	9,065	1,741	-235	857	16,656	1,016
October	11,009	9,224	1,756	162	541	17,202	1,037
November	10,960	9,161	1,774	123	-597	18,492	1,023
December	10,821	9,063	1,729	-243	-239	17,538	1,008
Average	10,975	9,208	1,738	-11	146	17,308	1,008
1974							
January	10,664	8,934	1,699	-305	-768	17,286	975
February	10,911	9,142	1,728	275	-1,271	17,366	947
March	10,731	8,965	1,741	127	64	16,104	953
April	10,690	8,954	1,696	391	592	15,929	983
May	10,638	8,911	1,690	422	1,109	15,726	1,030
June	10,504	8,780	1,684	-23	1,028	16,117	1,060
July	10,477	8,780	1,657	-3	882	16,349	1,087
August	10,423	8,699	1,676	-124	560	16,550	1,101
September	10,115	8,443	1,638	63	366	16,024	1,114
October	10,326	8,611	1,686	87	-350	17,050	1,106
November	10,296	8,569	1,694	57	-135	17,351	1,103
December	10,228	8,527	1,670	-198	-761	18,013	^e 1,074
Average	10,498	8,774	1,688	62	117	16,653	^e1,074
1975							
January	10,115	8,455	1,630	^e 176	^e -884	18,004	1,099
February	10,267	8,591	1,646	225	-687	17,084	1,086
March	10,176	8,493	1,658	104	-422	16,315	1,076
April	10,129	8,457	1,635	64	-704	16,048	1,057
May	10,022	8,379	1,607	-31	425	15,155	1,069
June	10,108	8,421	1,646	-161	219	15,610	1,071
July	10,005	8,336	1,621	-386	877	15,740	1,086
August	9,941	8,249	1,650	-243	907	15,806	1,107
September	9,894	8,280	1,577	94	1,253	15,768	1,147
October	10,009	8,324	1,643	327	-44	16,377	1,156
November	9,958	8,278	1,635	46	738	15,777	1,180
December	9,937	8,254	1,646	13	-1,519	18,185	1,133
Average	10,045	8,375	1,633	^e17	^e15	16,322	1,133
1976							
January	9,853	8,232	1,585	579	-2,009	18,647	1,089
February	9,913	8,231	1,640	-410	-224	17,509	1,070
March	9,881	8,232	1,615	184	-498	17,302	1,060
April	9,731	8,077	1,616	117	-232	16,672	1,057
May	9,749	8,125	1,588	-85	608	15,977	1,073
June	9,741	8,094	1,606	-76	753	16,825	1,094
July	9,763	8,127	1,592	29	1,289	16,607	1,134
August	9,740	8,111	1,596	-172	924	16,642	1,158
September	9,786	8,150	1,602	236	892	16,837	1,192
October	9,699	8,063	1,601	430	-33	17,090	1,204
November	9,737	8,080	1,621	38	-806	18,847	1,181
December	9,698	8,061	1,589	-431	-1,795	20,560	1,112
Average	9,774	8,132	^f1,604	39	-96	17,461	1,112
1977							
January	9,442	7,854	1,549	279	-1,792	20,504	1,065
February	9,774	8,139	1,589	-95	-420	20,482	1,050
March	9,823	8,090	1,687	260	911	18,124	1,087
April	9,861	8,145	1,664	645	501	17,580	1,121
May	9,751	8,075	1,620	319	1,301	16,972	1,171
June	9,772	8,102	1,616	166	630	18,043	1,195
July	9,761	8,105	1,609	51	1,364	17,568	1,239
August	9,957	8,307	1,593	115	862	18,012	1,269
September	10,116	8,480	1,585	-158	1,300	17,714	1,304
October	10,249	8,573	1,633	292	765	17,824	1,336
November	10,261	8,579	1,627	236	93	18,437	1,346
December	10,182	8,487	1,637	-84	-1,026	20,052	1,312
Average	9,913	8,245	1,618	170	378	18,431	1,312

See footnotes at end of table.

Table 3.1a Petroleum Overview, 1973-1992: Field Production, Stock Change, Petroleum Products Supplied, and Ending Stocks (Continued)

	Field Production			Stock Change ^a		Petroleum Products Supplied	Ending Stocks ^b
	Total Domestic ^c	Crude Oil	Natural Gas Plant Production	Crude Oil ^d	Petroleum Products		Crude Oil ^d and Petroleum Products
	Thousand Barrels per Day						Million Barrels
1978							
January	9,975	8,360	1,557	155	-1,554	19,752	1,269
February	9,994	8,377	1,562	-83	-2,676	20,900	1,191
March	10,361	8,720	1,590	444	-1,202	19,652	1,168
April	10,482	8,818	1,619	42	166	17,747	1,174
May	10,403	8,825	1,530	-337	423	18,230	1,177
June	10,465	8,832	1,583	292	-12	18,260	1,185
July	10,372	8,756	1,558	151	1,052	17,633	1,222
August	10,369	8,758	1,556	-333	300	18,639	1,221
September	10,400	8,800	1,546	348	1,037	17,954	1,263
October	10,414	8,820	1,540	320	272	18,417	1,281
November	10,394	8,741	1,602	105	238	19,156	1,292
December	10,284	8,662	1,566	-164	-287	19,944	1,278
Average	10,328	8,707	1,567	78	-172	18,847	1,278
1979							
January	10,042	8,475	1,530	-35	-1,470	20,586	1,231
February	10,119	8,525	1,561	191	-3,031	21,288	1,151
March	10,179	8,601	1,548	602	-893	19,322	1,142
April	10,199	8,553	1,611	125	675	17,434	1,166
May	10,211	8,601	1,570	8	363	17,801	1,178
June	10,045	8,432	1,571	374	685	17,786	1,210
July	9,970	8,364	1,564	-367	1,828	17,144	1,255
August	10,173	8,548	1,575	294	602	18,149	1,283
September	10,142	8,523	1,565	99	768	17,400	1,309
October	10,290	8,621	1,607	675	-3	18,176	1,330
November	10,497	8,761	1,676	85	239	18,313	1,339
December	10,286	8,615	1,626	-269	318	18,922	1,341
Average	10,179	8,552	1,584	148	25	18,513	1,341
1980							
January	10,377	8,675	1,648	594	-270	18,851	1,351
February	10,402	8,705	1,656	292	-563	18,817	1,343
March	10,303	8,698	1,568	47	99	17,377	1,348
April	10,356	8,685	1,630	412	229	16,784	1,367
May	10,298	8,635	1,615	117	520	16,238	1,387
June	10,164	8,554	1,561	-65	869	16,187	1,411
July	10,113	8,547	1,524	-88	556	16,008	1,425
August	9,974	8,414	1,519	274	473	15,753	1,449
September	10,184	8,619	1,515	-307	259	16,598	1,447
October	10,092	8,532	1,516	191	-756	16,995	1,430
November	10,109	8,495	1,571	8	84	16,702	1,432
December	10,204	8,606	1,560	-304	-993	18,410	^e 1,392
Average	10,214	8,597	1,573	98	42	17,056	^e1,392
1981							
January	10,231	8,540	1,652	^e -50	^e -1,159	18,430	1,388
February	10,294	8,604	1,653	278	-250	16,989	1,389
March	10,272	8,613	1,624	632	-224	15,907	1,401
April	10,195	8,557	1,599	595	-148	15,350	1,415
May	10,160	8,501	1,593	391	374	15,353	1,438
June	10,287	8,629	1,594	135	-406	16,095	1,430
July	10,098	8,500	1,548	360	-91	15,682	1,439
August	10,243	8,583	1,614	-397	999	15,263	1,457
September	10,281	8,604	1,612	285	341	15,655	1,476
October	10,225	8,563	1,598	760	-477	15,822	1,485
November	10,269	8,586	1,630	325	233	15,593	1,501
December	10,220	8,585	1,590	170	-745	16,596	1,484
Average	10,230	8,572	1,609	^e290	^e-130	16,058	1,484
1982							
January	10,128	8,509	1,578	401	-1,298	^f 16,122	1,456
February	10,312	8,702	1,563	242	-1,230	16,001	1,428
March	10,284	8,667	1,572	-121	-1,047	15,560	1,392
April	10,188	8,591	1,542	37	-1,583	16,046	1,346
May	10,244	8,683	1,518	-29	66	14,847	1,347
June	10,212	8,646	1,511	-40	489	14,998	1,360
July	10,229	8,658	1,513	147	926	14,821	1,393
August	10,215	8,634	1,524	440	44	14,839	1,408
September	10,279	8,701	1,518	-263	447	15,022	1,414
October	10,299	8,701	1,530	548	47	14,859	1,432
November	10,359	8,697	1,609	398	361	15,009	1,455
December	10,276	8,598	1,628	-128	-688	15,487	^e 1,430
Average	10,252	8,649	1,550	136	-283	15,296	^e1,430

See footnotes at end of table.

Table 3.1a Petroleum Overview, 1973-1992: Field Production, Stock Change, Petroleum Products Supplied, and Ending Stocks (Continued)

	Field Production			Stock Change ^a		Petroleum Products Supplied	Ending Stocks ^b
	Total Domestic ^c	Crude Oil	Natural Gas Plant Production	Crude Oil ^d	Petroleum Products		Crude Oil ^d and Petroleum Products
	Thousand Barrels per Day						Million Barrels
1983							
January	10,331	8,697	1,580	^e 499	^e -772	14,722	1,452
February	10,388	8,758	1,575	320	-1,113	14,792	1,430
March	10,279	8,700	1,541	-83	-1,810	15,541	1,372
April	10,322	8,776	1,506	402	-308	14,692	1,374
May	10,190	8,631	1,493	15	602	14,505	1,394
June	10,261	8,667	1,523	122	276	15,289	1,405
July	10,228	8,636	1,539	-233	909	15,019	1,426
August	10,284	8,679	1,562	796	271	15,480	1,460
September	10,447	8,784	1,602	239	621	15,506	1,485
October	10,434	8,771	1,604	274	442	14,962	1,508
November	10,461	8,770	1,641	-114	182	15,500	1,510
December	9,983	8,397	1,544	329	-2,133	16,726	1,454
Average	10,299	8,688	1,559	^e214	^e-234	15,231	1,454
1984							
January	10,477	8,868	1,572	328	-1,115	16,801	1,429
February	10,565	8,874	1,635	-197	1,374	15,437	1,463
March	10,319	8,672	1,599	25	-641	16,050	1,444
April	10,531	8,862	1,619	476	106	15,568	1,462
May	10,623	8,955	1,614	677	434	15,620	1,496
June	10,507	8,852	1,613	104	109	15,709	1,503
July	10,587	8,885	1,634	169	169	15,498	1,513
August	10,478	8,809	1,637	-250	-252	16,116	1,498
September	10,692	8,993	1,660	-260	769	15,247	1,513
October	10,608	8,906	1,649	759	246	15,616	1,544
November	10,689	8,979	1,678	236	177	15,627	1,556
December	10,578	8,897	1,649	290	-293	15,375	1,556
Average	10,554	8,879	1,630	199	81	15,726	1,556
1985							
January	10,412	8,740	1,628	-76	-1,351	16,109	1,512
February	10,692	9,025	1,623	-425	-1,347	16,121	1,462
March	10,748	9,095	1,600	309	-403	15,373	1,460
April	10,673	9,043	1,582	520	-56	15,472	1,473
May	10,770	9,132	1,594	700	399	15,504	1,508
June	10,664	9,022	1,597	-264	382	15,483	1,511
July	10,550	8,949	1,568	-326	496	15,434	1,516
August	10,485	8,803	1,594	-159	-568	16,060	1,494
September	10,584	8,954	1,575	34	255	15,099	1,502
October	10,637	8,970	1,610	-98	-124	15,944	1,496
November	10,640	8,902	1,660	295	634	15,503	1,523
December	10,777	9,030	1,680	58	-207	16,611	1,519
Average	10,636	8,971	1,609	50	-153	15,726	1,519
1986							
January	10,911	9,137	1,711	383	151	16,088	1,535
February	10,916	9,173	1,696	37	-804	16,186	1,514
March	10,664	9,013	1,604	345	-1,160	16,276	1,489
April	10,435	8,864	1,523	-41	-262	15,945	1,479
May	10,440	8,838	1,543	-260	1,109	15,993	1,506
June	10,187	8,623	1,504	-3	1,238	16,049	1,543
July	10,225	8,660	1,507	541	422	16,307	1,573
August	9,875	8,374	1,445	-242	551	16,618	1,582
September	9,852	8,328	1,468	217	973	15,909	1,618
October	9,954	8,419	1,477	233	-476	16,602	1,610
November	10,061	8,412	1,569	-95	147	16,221	1,612
December	9,985	8,352	1,571	-186	-443	17,131	1,593
Average	10,289	8,680	1,551	78	124	16,281	1,593
1987							
January	10,139	8,480	1,582	166	-376	16,684	1,586
February	10,073	8,389	1,618	22	-831	16,908	1,563
March	10,131	8,464	1,598	125	-340	16,165	1,557
April	10,139	8,498	1,590	-50	-532	16,524	1,539
May	9,977	8,336	1,585	-36	116	16,026	1,542
June	9,906	8,279	1,578	165	42	16,830	1,548
July	9,895	8,251	1,582	-33	372	17,113	1,558
August	9,843	8,210	1,571	345	737	16,346	1,592
September	9,851	8,205	1,582	220	236	16,670	1,606
October	10,037	8,364	1,602	661	-523	16,941	1,610
November	10,112	8,397	1,637	355	478	16,343	1,635
December	10,001	8,318	1,621	-405	-482	17,445	1,607
Average	10,008	8,349	1,595	128	-87	16,665	1,607

See footnotes at end of table.

Table 3.1a Petroleum Overview, 1973-1992: Field Production, Stock Change, Petroleum Products Supplied, and Ending Stocks (Continued)

	Field Production			Stock Change ^a		Petroleum Products Supplied	Ending Stocks ^b
	Total Domestic ^c	Crude Oil	Natural Gas Plant Production	Crude Oil ^d	Petroleum Products		Crude Oil ^d and Petroleum Products
	Thousand Barrels per Day						Million Barrels
1988							
January	9,876	8,250	1,579	-43	-294	17,403	1,597
February	10,018	8,374	1,605	133	-868	17,760	1,576
March	10,071	8,374	1,636	219	-748	17,612	1,559
April	9,946	8,288	1,618	190	445	16,561	1,578
May	9,899	8,229	1,627	96	1,048	16,197	1,614
June	9,833	8,170	1,616	43	-109	17,059	1,612
July	9,713	8,040	1,618	-261	819	16,695	1,629
August	9,762	8,079	1,616	-488	307	17,482	1,624
September	9,575	7,895	1,621	-83	245	17,072	1,628
October	9,737	8,023	1,661	399	-333	17,580	1,630
November	9,751	8,023	1,666	3	25	17,620	1,631
December	9,641	7,942	1,634	-188	-911	18,365	1,597
Average	9,818	8,140	1,625	1	-29	17,283	1,597
1989							
January	9,678	7,937	1,664	179	563	17,269	1,620
February	9,441	7,788	1,607	47	-733	17,920	1,601
March	9,284	7,575	1,650	-127	-924	17,989	1,568
April	9,501	7,772	1,674	494	413	16,624	1,596
May	9,498	7,816	1,620	271	598	16,546	1,623
June	9,188	7,624	1,507	-434	-64	17,497	1,608
July	9,055	7,444	1,541	148	1,182	16,453	1,649
August	9,106	7,544	1,504	283	-104	17,360	1,654
September	9,096	7,548	1,480	-144	577	16,795	1,667
October	8,983	7,453	1,478	73	-378	17,304	1,658
November	9,084	7,536	1,483	541	-367	17,311	1,663
December	8,734	7,337	1,343	-302	-2,335	18,858	1,581
Average	9,219	7,613	1,546	86	-129	17,325	1,581
1990							
January	9,178	7,546	1,541	273	1,284	16,964	1,630
February	9,147	7,497	1,570	-330	507	17,175	1,635
March	9,034	7,433	1,526	1,057	-823	17,087	1,642
April	8,979	7,407	1,493	26	-83	16,778	1,640
May	8,923	7,328	1,502	479	532	16,915	1,672
June	8,645	7,106	1,458	72	378	17,165	1,685
July	8,735	7,173	1,484	-154	929	17,084	1,709
August	8,931	7,287	1,575	-227	-113	18,050	1,699
September	8,891	7,224	1,597	-896	887	16,512	1,698
October	9,301	7,542	1,667	111	-879	16,934	1,674
November	9,155	7,387	1,690	-364	-322	16,695	1,654
December	9,019	7,338	1,604	-528	-544	16,494	1,621
Average	8,994	7,355	1,559	-35	142	16,988	1,621
1991							
January	9,255	7,500	1,647	-71	-1,027	16,893	1,587
February	9,424	7,637	1,695	231	-704	16,339	1,573
March	9,301	7,546	1,683	-239	-268	16,212	1,558
April	9,262	7,509	1,665	50	628	16,139	1,578
May	9,157	7,409	1,657	566	988	16,189	1,626
June	9,032	7,320	1,627	-299	546	16,878	1,634
July	9,056	7,347	1,622	-153	199	16,971	1,635
August	9,027	7,316	1,627	103	316	17,183	1,648
September	9,088	7,368	1,623	-156	653	16,848	1,663
October	9,212	7,437	1,686	51	-659	16,996	1,644
November	9,129	7,328	1,697	43	62	16,730	1,647
December	9,089	7,299	1,686	-611	-365	17,145	1,617
Average	9,168	7,417	1,659	-42	32	16,714	1,617
1992							
January	9,176	7,361	1,688	540	-757	17,012	1,610
February	9,175	7,389	1,696	171	-951	16,893	1,588
March	9,123	7,348	1,694	-250	-291	16,825	1,571
April	9,072	7,293	1,693	315	92	16,764	1,583
May	8,949	7,169	1,695	-144	770	16,485	1,602
June	8,968	7,167	1,701	-581	604	16,978	1,603
July	8,961	7,131	1,683	244	290	17,143	1,620
August	8,678	6,922	1,638	-124	161	16,929	1,621
September	8,843	7,030	1,660	-160	653	16,876	1,636
October	9,025	7,126	1,722	411	-258	17,448	1,640
November	8,975	7,024	1,754	-227	77	17,091	1,636
December	9,019	7,103	1,744	-212	-1,203	17,928	1,592
Average	8,996	7,171	1,697	-1	-68	17,033	1,592

^a A negative number indicates a decrease in stocks and a positive number indicates an increase.

^b Stocks are totals as of end of period.

^c Includes crude oil, natural gas plant liquids, and other liquids.

^d Includes stocks located in the Strategic Petroleum Reserve.

^e See Note 4 at end of section.

^f See Note 7 at end of section.

Notes: • Crude oil includes lease condensate. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.1b Petroleum Overview, 1973-1992: Imports, Exports, and Net Imports

	Imports			Exports			Net Imports ^b
	Total	Crude Oil ^a	Petroleum Products	Total	Crude Oil	Petroleum Products	
Thousand Barrels per Day							
1973							
January	5,857	2,732	3,125	211	0	211	5,646
February	6,507	2,873	3,635	261	0	261	6,246
March	6,610	3,162	3,448	224	0	224	6,386
April	5,593	3,049	2,545	276	0	276	5,318
May	5,841	3,215	2,626	237	4	233	5,604
June	5,890	3,220	2,670	215	0	215	5,675
July	6,179	3,501	2,678	241	7	233	5,938
August	6,591	3,593	2,999	218	0	218	6,373
September	6,411	3,471	2,941	243	5	238	6,168
October	6,633	3,739	2,894	222	0	222	6,411
November	6,922	3,452	3,470	203	0	203	6,720
December	6,056	2,891	3,164	228	6	222	5,828
Average	6,256	3,244	3,012	231	2	229	6,025
1974							
January	5,371	2,382	2,989	207	17	189	5,164
February	5,216	2,248	2,968	203	10	193	5,013
March	5,274	2,462	2,812	196	0	196	5,078
April	5,980	3,267	2,713	243	1	243	5,736
May	6,493	3,908	2,586	247	6	240	6,247
June	6,360	3,925	2,435	238	1	237	6,122
July	6,537	4,091	2,445	253	0	253	6,283
August	6,361	3,924	2,438	247	0	247	6,114
September	6,052	3,797	2,255	171	0	171	5,881
October	6,175	3,810	2,366	221	0	221	5,954
November	6,798	3,958	2,840	186	0	186	6,612
December	6,667	3,869	2,798	231	0	231	6,436
Average	6,112	3,477	2,635	221	3	218	5,892
1975							
January	6,861	4,029	2,832	228	27	201	6,633
February	6,176	3,828	2,348	248	34	214	5,928
March	5,730	3,656	2,074	213	11	202	5,517
April	5,040	3,378	1,662	190	1	190	4,850
May	5,214	3,486	1,728	202	0	202	5,012
June	5,406	3,905	1,502	224	0	224	5,182
July	5,959	4,192	1,767	186	0	186	5,773
August	6,298	4,581	1,717	203	0	203	6,095
September	6,804	4,689	2,115	205	0	205	6,599
October	6,329	4,389	1,940	187	0	187	6,142
November	6,419	4,623	1,796	166	0	166	6,253
December	6,425	4,476	1,949	262	0	262	6,164
Average	6,056	4,105	1,951	209	6	204	5,846
1976							
January	6,714	4,594	2,119	156	0	156	6,558
February	6,712	4,208	2,504	241	0	241	6,471
March	6,687	4,738	1,949	185	1	183	6,502
April	6,595	4,790	1,806	222	0	222	6,373
May	6,323	4,669	1,654	179	(s)	179	6,144
June	7,474	5,628	1,847	213	0	213	7,262
July	7,884	5,792	2,092	242	0	242	7,641
August	7,382	5,556	1,827	220	12	208	7,162
September	7,924	5,875	2,050	196	0	196	7,728
October	7,536	5,689	1,847	198	18	180	7,338
November	8,060	5,946	2,115	348	30	318	7,712
December	8,447	5,925	2,522	279	34	246	8,168
Average	7,313	5,287	2,026	223	8	215	7,090
1977							
January	8,903	6,281	2,622	192	13	179	8,711
February	9,997	6,659	3,338	234	59	175	9,763
March	9,383	6,699	2,684	207	32	175	9,176
April	8,723	6,821	1,902	223	17	207	8,499
May	8,571	6,818	1,753	288	89	199	8,283
June	8,937	7,065	1,872	225	10	215	8,712
July	9,095	7,068	2,027	254	53	201	8,842
August	8,574	6,395	2,179	230	37	193	8,345
September	8,567	6,429	2,137	294	91	203	8,273
October	8,364	6,502	1,862	255	85	170	8,109
November	8,135	6,321	1,814	235	45	190	7,900
December	8,525	6,327	2,198	274	69	206	8,251
Average	8,807	6,615	2,193	243	50	193	8,565

See footnotes at end of table.

**Table 3.1b Petroleum Overview, 1973-1992: Imports, Exports, and Net Imports
(Continued)**

	Imports			Exports			Net Imports ^b
	Total	Crude Oil ^a	Petroleum Products	Total	Crude Oil	Petroleum Products	
Thousand Barrels per Day							
1978							
January	8,332	6,240	2,092	257	98	158	8,076
February	8,119	5,764	2,355	208	8	200	7,911
March	8,501	6,163	2,338	269	60	209	8,232
April	7,743	5,627	2,116	337	92	245	7,406
May	7,531	5,727	1,804	313	124	189	7,218
June	8,108	6,468	1,640	399	195	204	7,709
July	8,277	6,329	1,948	330	138	192	7,947
August	8,292	6,435	1,858	411	182	229	7,881
September	9,036	7,053	1,983	477	251	226	8,559
October	8,313	6,595	1,718	469	272	197	7,845
November	8,852	6,831	2,021	409	218	191	8,443
December	9,241	6,996	2,245	455	251	205	8,786
Average	8,363	6,356	2,008	362	158	204	8,002
1979							
January	9,148	6,925	2,223	392	177	215	8,756
February	8,591	6,522	2,069	486	288	198	8,105
March	8,760	6,374	2,386	611	370	241	8,150
April	7,893	6,211	1,682	493	260	234	7,400
May	8,091	6,261	1,830	429	171	257	7,662
June	8,327	6,647	1,680	468	235	233	7,859
July	8,559	6,602	1,956	486	244	242	8,072
August	8,590	6,809	1,781	466	245	221	8,124
September	8,023	6,426	1,597	414	175	239	7,609
October	8,688	6,890	1,798	425	179	246	8,263
November	8,141	6,228	1,913	510	264	246	7,631
December	8,628	6,318	2,310	471	215	256	8,157
Average	8,456	6,519	1,937	^c 471	235	^c 236	^c 7,985
1980							
January	8,598	6,406	2,192	550	322	228	8,048
February	7,945	6,013	1,931	558	332	227	7,386
March	7,452	5,695	1,757	573	330	243	6,879
April	7,106	5,598	1,508	434	192	241	6,672
May	6,579	5,106	1,472	591	326	266	5,987
June	6,894	5,480	1,414	654	365	289	6,240
July	6,257	4,843	1,414	531	238	293	5,727
August	6,192	4,803	1,389	319	78	241	5,873
September	6,239	4,707	1,532	557	322	235	5,682
October	6,379	4,768	1,611	598	309	288	5,781
November	6,408	4,680	1,728	549	289	260	^c 5,859
December	6,894	5,082	1,812	622	343	279	6,272
Average	6,909	5,263	1,646	544	287	258	6,365
1981							
January	6,827	4,932	1,895	558	339	219	6,270
February	6,772	4,873	1,899	569	198	371	6,203
March	6,028	4,521	1,507	586	210	376	5,442
April	5,668	4,338	1,330	570	198	372	5,098
May	5,775	4,287	1,489	595	312	283	5,180
June	5,435	4,061	1,375	420	123	297	5,015
July	5,816	4,296	1,521	571	257	314	5,245
August	5,767	4,179	1,588	644	204	440	5,123
September	6,365	4,740	1,624	519	194	325	5,845
October	5,959	4,380	1,579	738	226	512	5,221
November	5,741	4,046	1,695	701	278	423	5,041
December	5,843	4,137	1,706	656	189	467	5,187
Average	5,996	4,396	1,599	595	228	367	5,401
1982							
January	^c 5,330	3,693	^c 1,638	829	238	591	^c 4,502
February	4,807	2,990	1,817	804	304	499	4,003
March	4,484	2,874	1,610	882	321	561	3,602
April	4,378	2,849	1,529	786	174	611	3,593
May	4,811	3,309	1,503	803	262	542	4,008
June	5,327	3,836	1,491	703	94	609	4,624
July	5,890	4,248	1,642	741	229	512	5,149
August	5,244	3,851	1,392	858	304	554	4,386
September	5,414	3,636	1,778	791	184	606	4,624
October	5,306	3,670	1,636	932	270	662	4,374
November	5,744	3,862	1,882	786	262	524	4,958
December	4,606	3,000	1,605	860	193	667	3,746
Average	5,113	3,488	1,625	815	236	579	4,298

See footnotes at end of table.

**Table 3.1b Petroleum Overview, 1973-1992: Imports, Exports, and Net Imports
(Continued)**

	Imports			Exports			Net Imports ^b
	Total	Crude Oil ^a	Petroleum Products	Total	Crude Oil	Petroleum Products	
Thousand Barrels per Day							
1983							
January	4,438	2,964	1,474	973	117	856	3,464
February	3,726	2,267	1,459	865	262	603	2,861
March	3,690	2,290	1,400	801	174	627	2,889
April	4,727	3,118	1,609	809	88	721	3,918
May	5,089	3,360	1,729	848	280	568	4,241
June	5,326	3,577	1,749	774	144	630	4,552
July	5,741	3,871	1,870	571	145	426	5,170
August	6,159	4,227	1,933	663	172	491	5,496
September	6,129	4,210	1,919	684	177	507	5,445
October	5,258	3,446	1,812	576	140	436	4,682
November	5,210	3,337	1,873	679	186	494	4,531
December	5,033	3,213	1,820	639	95	544	4,394
Average	5,051	3,329	1,722	739	164	575	4,312
1984							
January	5,430	3,055	2,375	575	153	422	4,855
February	5,693	2,950	2,743	582	185	397	5,111
March	5,301	3,470	1,832	840	236	605	4,461
April	5,372	3,417	1,955	655	172	483	4,717
May	5,979	3,942	2,036	766	219	548	5,212
June	5,482	3,546	1,936	864	222	642	4,618
July	5,407	3,646	1,761	536	108	429	4,871
August	5,044	3,248	1,796	732	190	542	4,312
September	5,252	3,342	1,909	664	162	502	4,588
October	5,779	3,751	2,028	599	141	458	5,179
November	5,587	3,583	2,004	854	202	652	4,733
December	4,933	3,136	1,796	986	185	801	3,947
Average	5,437	3,426	2,011	722	181	541	4,715
1985							
January	4,415	2,717	1,698	792	144	647	3,623
February	3,913	2,108	1,805	857	221	636	3,056
March	4,673	2,786	1,887	694	189	505	3,979
April	5,316	3,401	1,915	764	236	528	4,553
May	5,776	3,730	2,046	705	250	455	5,071
June	4,929	3,188	1,741	692	226	467	4,237
July	4,950	3,203	1,747	675	154	521	4,274
August	4,718	3,114	1,603	749	241	508	3,969
September	4,970	3,155	1,816	806	188	618	4,164
October	5,121	3,238	1,883	690	123	567	4,431
November	6,116	3,999	2,118	1,036	286	750	5,080
December	5,831	3,696	2,135	925	197	728	4,905
Average	5,067	3,201	1,866	781	204	577	4,286
1986							
January	5,573	3,472	2,101	859	159	700	4,714
February	4,676	2,968	1,709	876	162	715	3,800
March	4,712	2,988	1,724	732	212	520	3,980
April	5,439	3,684	1,755	850	94	756	4,589
May	6,400	4,250	2,150	724	98	625	5,676
June	6,848	4,635	2,213	642	240	401	6,206
July	6,942	4,726	2,216	685	65	620	6,256
August	7,168	4,859	2,309	868	233	635	6,300
September	7,090	5,031	2,059	714	161	553	6,375
October	6,427	4,419	2,008	831	151	680	5,597
November	6,592	4,615	1,977	821	115	706	5,771
December	6,700	4,412	2,288	820	159	661	5,881
Average	6,224	4,178	2,045	785	154	631	5,439
1987							
January	6,353	4,385	1,968	703	84	619	5,650
February	5,984	3,866	2,118	977	284	694	5,007
March	5,794	3,779	2,015	720	150	570	5,074
April	5,911	4,132	1,779	870	247	624	5,041
May	6,073	4,340	1,732	666	69	597	5,407
June	6,769	4,807	1,962	669	116	554	6,099
July	7,588	5,295	2,293	680	149	531	6,908
August	7,454	5,510	1,944	664	141	523	6,790
September	7,178	5,110	2,068	795	116	680	6,382
October	7,068	5,142	1,926	646	84	562	6,422
November	7,068	5,013	2,055	737	164	573	6,331
December	6,833	4,640	2,194	1,057	220	838	5,776
Average	6,678	4,674	2,004	764	151	613	5,914

See footnotes at end of table.

**Table 3.1b Petroleum Overview, 1973-1992: Imports, Exports, and Net Imports
(Continued)**

	Imports			Exports			Net Imports ^b
	Total	Crude Oil ^a	Petroleum Products	Total	Crude Oil	Petroleum Products	
Thousand Barrels per Day							
1988							
January	7,181	4,662	2,519	885	206	679	6,296
February	7,256	4,650	2,605	864	146	718	6,392
March	6,944	4,868	2,076	834	213	622	6,110
April	7,270	5,167	2,103	676	114	562	6,594
May	7,469	5,339	2,130	814	138	676	6,655
June	7,239	5,322	1,917	938	138	800	6,301
July	7,297	5,100	2,197	826	186	640	6,471
August	7,386	5,089	2,296	814	152	661	6,572
September	7,506	5,212	2,294	673	119	554	6,833
October	7,830	5,551	2,279	732	166	566	7,098
November	7,714	5,070	2,644	717	148	569	6,997
December	7,727	5,230	2,497	1,008	129	879	6,719
Average	7,402	5,107	2,295	815	155	661	6,587
1989							
January	8,255	5,661	2,594	761	137	624	7,494
February	8,032	5,305	2,727	875	208	666	7,157
March	7,456	5,035	2,421	860	156	704	6,596
April	8,078	5,750	2,328	810	139	670	7,268
May	7,778	5,729	2,049	791	131	661	6,986
June	7,977	5,976	2,002	975	243	732	7,002
July	8,369	6,214	2,155	780	69	711	7,589
August	8,560	6,565	1,995	967	162	805	7,593
September	8,002	6,028	1,975	655	32	623	7,347
October	8,301	6,187	2,115	791	61	730	7,511
November	8,341	6,171	2,170	975	120	855	7,366
December	7,579	5,463	2,116	1,067	247	821	6,512
Average	8,061	5,843	2,217	859	142	717	7,202
1990							
January	9,197	6,212	2,985	709	132	578	8,488
February	8,399	5,895	2,505	822	102	720	7,577
March	7,965	6,117	1,848	880	132	748	7,084
April	7,858	5,813	2,045	761	111	649	7,097
May	8,834	6,454	2,380	690	112	578	8,144
June	8,747	6,423	2,323	803	88	715	7,944
July	9,048	6,855	2,193	696	89	606	8,353
August	8,644	6,452	2,192	850	64	785	7,794
September	7,361	5,664	1,698	847	68	779	6,514
October	6,717	5,132	1,585	949	104	844	5,768
November	7,003	5,085	1,918	1,085	137	948	5,918
December	6,439	4,611	1,828	1,187	162	1,026	5,252
Average	8,018	5,894	2,123	857	109	748	7,161
1991							
January	7,103	5,296	1,808	1,199	50	1,149	5,904
February	6,865	5,485	1,380	1,441	152	1,288	5,424
March	6,646	5,166	1,480	944	137	807	5,702
April	7,418	5,529	1,888	737	162	575	6,680
May	8,518	6,363	2,155	1,149	165	984	7,369
June	8,245	6,334	1,911	921	78	843	7,323
July	7,755	5,955	1,801	963	139	824	6,793
August	8,670	6,645	2,025	837	55	783	7,832
September	7,826	5,812	2,015	785	109	676	7,042
October	7,467	5,683	1,784	918	92	826	6,550
November	7,615	5,528	2,087	926	126	800	6,690
December	7,337	5,565	1,772	1,213	133	1,081	6,124
Average	7,627	5,782	1,844	1,001	116	885	6,626
1992							
January	7,712	5,956	1,756	1,144	118	1,026	6,568
February	6,827	5,079	1,748	852	22	829	5,975
March	7,068	5,321	1,747	912	105	807	6,156
April	8,092	6,127	1,966	937	23	914	7,155
May	7,823	6,060	1,763	885	106	779	6,939
June	7,946	6,171	1,775	957	107	850	6,989
July	8,479	6,796	1,683	929	53	876	7,550
August	8,260	6,457	1,803	789	133	657	7,470
September	8,178	6,218	1,960	848	68	780	7,330
October	8,505	6,696	1,810	902	106	796	7,603
November	7,872	6,121	1,751	995	111	885	6,877
December	7,839	5,937	1,901	1,237	107	1,130	6,602
Average	7,888	6,083	1,805	950	89	861	6,938

^a Includes crude oil for storage in the Strategic Petroleum Reserve.

^b Net imports equals imports minus exports.

^c See Note 7 at end of section.

(s)=Less than 500 barrels per day.

Notes: • Crude oil includes lease condensate. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.2a Crude Oil Supply and Disposition, 1973-1992: Supply

	Supply						Unaccounted- for Crude Oil ^b	Crude Oil Used Directly ^c
	Field Production		Imports					
	Total Domestic	Alaskan	Total	SPR ^a	Other			
Thousand Barrels per Day								
1973								
January	9,176	195	2,732	-	2,732	20	-12	
February	9,395	216	2,873	-	2,873	-130	-13	
March	9,272	174	3,162	-	3,162	76	-13	
April	9,292	197	3,049	-	3,049	49	-13	
May	9,262	200	3,215	-	3,215	127	-12	
June	9,214	198	3,220	-	3,220	168	-27	
July	9,217	202	3,501	-	3,501	-96	-18	
August	9,169	207	3,593	-	3,593	66	-28	
September	9,065	201	3,471	-	3,471	-171	-21	
October	9,224	200	3,739	-	3,739	-4	-26	
November	9,161	195	3,452	-	3,452	-78	-25	
December	9,063	196	2,891	-	2,891	-11	-18	
Average	9,208	198	3,244	-	3,244	3	-19	
1974								
January	8,934	191	2,382	-	2,382	-82	-19	
February	9,142	190	2,248	-	2,248	26	-17	
March	8,965	183	2,462	-	2,462	80	-13	
April	8,954	180	3,267	-	3,267	20	-14	
May	8,911	191	3,908	-	3,908	-30	-14	
June	8,780	202	3,925	-	3,925	-1	-15	
July	8,780	202	4,091	-	4,091	-36	-14	
August	8,699	200	3,924	-	3,924	-75	-14	
September	8,443	196	3,797	-	3,797	-26	-14	
October	8,611	197	3,810	-	3,810	-19	-15	
November	8,569	196	3,958	-	3,958	-105	-20	
December	8,527	191	3,869	-	3,869	-47	-14	
Average	8,774	193	3,477	-	3,477	-25	-15	
1975								
January	8,455	193	4,029	-	4,029	42	-14	
February	8,591	192	3,828	-	3,828	2	-15	
March	8,493	190	3,656	-	3,656	-104	-13	
April	8,457	188	3,378	-	3,378	61	-15	
May	8,379	192	3,486	-	3,486	117	-17	
June	8,421	190	3,905	-	3,905	-40	-16	
July	8,336	190	4,192	-	4,192	34	-20	
August	8,249	190	4,581	-	4,581	1	-14	
September	8,280	195	4,689	-	4,689	109	-24	
October	8,324	192	4,389	-	4,389	9	-17	
November	8,278	192	4,623	-	4,623	-131	-22	
December	8,254	192	4,476	-	4,476	94	-17	
Average	8,375	191	4,105	-	4,105	17	-17	
1976								
January	8,232	193	4,594	-	4,594	346	-19	
February	8,231	191	4,208	-	4,208	18	-19	
March	8,232	190	4,738	-	4,738	124	-18	
April	8,077	159	4,790	-	4,790	10	-19	
May	8,125	149	4,669	-	4,669	73	-18	
June	8,094	150	5,628	-	5,628	35	-19	
July	8,127	171	5,792	-	5,792	43	-18	
August	8,111	173	5,556	-	5,556	94	-17	
September	8,150	172	5,875	-	5,875	-38	-19	
October	8,063	179	5,689	-	5,689	49	-19	
November	8,080	175	5,946	-	5,946	180	-20	
December	8,061	175	5,925	-	5,925	-16	-19	
Average	8,132	173	5,287	-	5,287	77	d -19	
1977								
January	7,854	172	6,281	-	6,281	316	-14	
February	8,139	167	6,659	-	6,659	-69	-15	
March	8,090	164	6,699	-	6,699	-203	-15	
April	8,145	163	6,821	-	6,821	-97	-15	
May	8,075	166	6,818	-	6,818	137	-14	
June	8,102	285	7,065	-	7,065	-96	-15	
July	8,105	371	7,068	-	7,068	-158	-14	
August	8,307	638	6,395	-	6,395	122	-14	
September	8,480	861	6,429	-	6,429	-22	-14	
October	8,573	839	6,502	93	6,409	-13	-14	
November	8,579	859	6,321	73	6,248	47	-14	
December	8,487	858	6,327	79	6,248	-51	-14	
Average	8,245	464	6,615	21	6,594	-6	-14	

See footnotes at end of table.

Table 3.2a Crude Oil Supply and Disposition, 1973-1992: Supply (Continued)

	Supply						Unaccounted- for Crude Oil ^b	Crude Oil Used Directly ^c
	Field Production		Imports					
	Total Domestic	Alaskan	Total	SPR ^a	Other			
Thousand Barrels per Day								
1978								
January	8,360	869	6,240	114	6,126	-167	-14	
February	8,377	854	5,764	109	5,655	-215	-16	
March	8,720	1,151	6,163	132	6,031	-201	-15	
April	8,818	1,289	5,627	108	5,519	-394	-16	
May	8,825	1,281	5,727	133	5,594	260	-15	
June	8,832	1,306	6,468	146	6,322	-90	-15	
July	8,756	1,295	6,329	154	6,175	144	-14	
August	8,758	1,316	6,435	184	6,251	-118	-13	
September	8,800	1,322	7,053	225	6,829	-140	-14	
October	8,820	1,342	6,595	195	6,400	212	-14	
November	8,741	1,351	6,831	188	6,643	118	-15	
December	8,662	1,347	6,996	245	6,751	-118	-15	
Average	8,707	1,229	6,356	d 161	6,195	-57	d -15	
1979								
January	8,475	1,351	6,925	204	6,721	-387	-15	
February	8,525	1,266	6,522	179	6,344	-223	-16	
March	8,601	1,355	6,374	122	6,252	286	-15	
April	8,553	1,346	6,211	66	6,145	221	-14	
May	8,601	1,349	6,261	97	6,163	-203	-14	
June	8,432	1,246	6,647	65	6,582	367	-16	
July	8,364	1,405	6,602	41	6,561	40	-15	
August	8,548	1,433	6,809	35	6,774	179	-14	
September	8,523	1,436	6,426	0	6,426	-53	-12	
October	8,621	1,480	6,890	0	6,890	-209	-11	
November	8,761	1,613	6,228	0	6,228	-74	-12	
December	8,615	1,519	6,318	0	6,318	-82	-12	
Average	8,552	1,401	6,519	67	6,452	-11	d -14	
1980								
January	8,675	1,634	6,406	0	6,406	166	-15	
February	8,705	1,630	6,013	0	6,013	124	-15	
March	8,698	1,647	5,695	0	5,695	-278	-15	
April	8,685	1,649	5,598	0	5,598	-165	-14	
May	8,635	1,627	5,106	0	5,106	55	-14	
June	8,554	1,626	5,480	0	5,480	1	-16	
July	8,547	1,612	4,843	0	4,843	52	-15	
August	8,414	1,612	4,803	0	4,803	147	-14	
September	8,619	1,610	4,707	54	4,653	27	-12	
October	8,532	1,588	4,768	131	4,637	-3	-11	
November	8,495	1,561	4,680	142	4,538	266	-12	
December	8,606	1,602	5,082	198	4,884	24	-12	
Average	8,597	1,617	5,263	44	5,219	34	d -14	
1981								
January	8,540	d 1,606	4,932	106	4,826	113	-43	
February	8,604	d 1,620	4,873	80	4,793	-41	-55	
March	8,613	1,618	4,521	140	4,382	154	-57	
April	8,557	1,608	4,338	272	4,066	51	-59	
May	8,501	1,580	4,287	386	3,901	286	-59	
June	8,629	1,632	4,061	318	3,743	49	d -59	
July	8,500	1,605	4,296	175	4,121	147	d -59	
August	8,583	1,602	4,179	257	3,922	16	d -59	
September	8,604	1,607	4,740	435	4,305	-295	-61	
October	8,563	1,596	4,380	453	3,927	166	d -62	
November	8,586	1,614	4,046	271	3,774	279	-64	
December	8,585	1,623	4,137	165	3,971	52	-63	
Average	8,572	1,609	4,396	256	4,141	83	-58	
1982								
January	8,509	1,705	3,693	170	3,523	101	-63	
February	8,702	1,707	2,990	159	2,830	156	-64	
March	8,667	1,696	2,874	185	2,689	2	-63	
April	8,591	1,691	2,849	190	2,659	231	-65	
May	8,683	1,707	3,309	204	3,105	111	-62	
June	8,646	1,665	3,836	105	3,732	133	-60	
July	8,658	1,710	4,248	97	4,150	-20	-60	
August	8,634	1,697	3,851	208	3,643	189	-57	
September	8,701	1,705	3,636	139	3,497	-210	-56	
October	8,701	1,706	3,670	216	3,454	249	-51	
November	8,697	1,676	3,862	180	3,683	-124	d -50	
December	8,598	1,682	3,000	124	2,877	35	d -52	
Average	8,649	1,696	3,488	165	3,323	71	-59	

See footnotes at end of table.

Table 3.2a Crude Oil Supply and Disposition, 1973-1992: Supply (Continued)

	Supply						Unaccounted- for Crude Oil ^b	Crude Oil Used Directly ^c
	Field Production		Imports					
	Total Domestic	Alaskan	Total	SPR ^a	Other			
Thousand Barrels per Day								
1983								
January	8,697	1,732	2,964	219	2,746	170	-	
February	8,758	1,717	2,267	197	2,070	262	-	
March	8,700	1,732	2,290	201	2,089	31	-	
April	8,776	1,721	3,118	205	2,913	98	-	
May	8,631	1,662	3,360	289	3,071	169	-	
June	8,667	1,687	3,577	190	3,387	370	-	
July	8,636	1,715	3,871	274	3,597	-167	-	
August	8,679	1,697	4,227	350	3,876	281	-	
September	8,784	1,738	4,210	309	3,901	-30	-	
October	8,771	1,733	3,446	202	3,244	44	-	
November	8,770	1,720	3,337	171	3,166	34	-	
December	8,397	1,711	3,213	193	3,020	117	-	
Average	8,688	1,714	3,329	234	3,096	114	-	
1984								
January	8,868	1,752	3,055	200	2,855	211	-	
February	8,874	1,749	2,950	85	2,866	386	-	
March	8,672	1,570	3,470	148	3,322	110	-	
April	8,862	1,770	3,417	170	3,248	325	-	
May	8,955	1,764	3,942	246	3,696	309	-	
June	8,852	1,659	3,546	309	3,237	246	-	
July	8,885	1,695	3,646	329	3,317	-164	-	
August	8,809	1,722	3,248	180	3,068	293	-	
September	8,993	1,761	3,342	53	3,289	-94	-	
October	8,906	1,732	3,751	187	3,565	291	-	
November	8,979	1,781	3,583	219	3,364	47	-	
December	8,897	1,720	3,136	229	2,907	262	-	
Average	8,879	1,722	3,426	197	3,229	185	-	
1985								
January	8,740	1,647	2,717	223	2,494	122	-	
February	9,025	1,877	2,108	98	2,010	94	-	
March	9,095	1,866	2,786	48	2,738	59	-	
April	9,043	1,784	3,401	108	3,293	183	-	
May	9,132	1,888	3,730	222	3,508	247	-	
June	9,022	1,871	3,188	155	3,034	100	-	
July	8,949	1,809	3,203	226	2,977	177	-	
August	8,803	1,795	3,114	116	2,999	267	-	
September	8,954	1,867	3,155	71	3,084	93	-	
October	8,970	1,850	3,238	20	3,218	81	-	
November	8,902	1,804	3,999	53	3,946	150	-	
December	9,030	1,852	3,696	74	3,621	164	-	
Average	8,971	1,825	3,201	118	3,083	145	-	
1986								
January	9,137	1,870	3,472	51	3,420	364	-	
February	9,173	1,907	2,968	24	2,944	32	-	
March	9,013	1,860	2,988	59	2,929	259	-	
April	8,864	1,836	3,684	63	3,621	70	-	
May	8,838	1,927	4,250	36	4,215	79	-	
June	8,623	1,887	4,635	64	4,571	292	-	
July	8,660	1,903	4,726	52	4,674	189	-	
August	8,374	1,811	4,859	51	4,809	93	-	
September	8,328	1,782	5,031	47	4,984	161	-	
October	8,419	1,927	4,419	37	4,382	223	-	
November	8,412	1,883	4,615	45	4,570	-136	-	
December	8,352	1,807	4,412	48	4,365	28	-	
Average	8,680	1,867	4,178	48	4,130	139	-	
1987								
January	8,480	2,019	4,385	92	4,293	-5	-	
February	8,389	1,853	3,866	44	3,822	382	-	
March	8,464	1,968	3,779	95	3,684	151	-	
April	8,498	1,990	4,132	57	4,076	120	-	
May	8,336	1,979	4,340	92	4,248	51	-	
June	8,279	1,930	4,807	64	4,743	434	-	
July	8,251	1,910	5,295	76	5,218	32	-	
August	8,210	1,908	5,510	63	5,447	177	-	
September	8,205	1,874	5,110	64	5,047	217	-	
October	8,364	1,986	5,142	57	5,085	-3	-	
November	8,397	2,068	5,013	97	4,916	115	-	
December	8,318	2,043	4,640	68	4,572	101	-	
Average	8,349	1,962	4,674	73	4,601	145	-	

See footnotes at end of table.

Table 3.2a Crude Oil Supply and Disposition, 1973-1992: Supply (Continued)

	Supply						Unaccounted- for Crude Oil ^b	Crude Oil Used Directly ^c
	Field Production		Imports					
	Total Domestic	Alaskan	Total	SPR ^a	Other			
Thousand Barrels per Day								
1988								
January	8,250	1,999	4,662	67	4,595	216	-	
February	8,374	2,070	4,650	49	4,601	-50	-	
March	8,374	2,086	4,868	23	4,845	258	-	
April	8,288	2,029	5,167	78	5,090	27	-	
May	8,229	2,016	5,339	22	5,317	125	-	
June	8,170	1,984	5,322	70	5,252	208	-	
July	8,040	1,960	5,100	42	5,058	432	-	
August	8,079	2,009	5,089	26	5,064	278	-	
September	7,895	2,019	5,212	84	5,128	228	-	
October	8,023	2,010	5,551	43	5,508	160	-	
November	8,023	2,027	5,070	89	4,981	258	-	
December	7,942	1,996	5,230	27	5,203	196	-	
Average	8,140	2,017	5,107	51	5,055	196	-	
1989								
January	7,937	1,958	5,661	65	5,596	94	-	
February	7,788	1,962	5,305	84	5,221	-26	-	
March	7,575	1,686	5,035	75	4,960	426	-	
April	7,772	1,890	5,750	59	5,690	91	-	
May	7,816	1,973	5,729	77	5,652	280	-	
June	7,624	1,861	5,976	55	5,920	135	-	
July	7,444	1,725	6,214	75	6,139	426	-	
August	7,544	1,870	6,565	32	6,533	213	-	
September	7,548	1,875	6,028	59	5,969	121	-	
October	7,453	1,877	6,187	37	6,149	-125	-	
November	7,536	1,915	6,171	41	6,131	397	-	
December	7,337	1,904	5,463	12	5,452	343	-	
Average	7,613	1,874	5,843	56	5,787	200	-	
1990								
January	7,546	1,864	6,212	24	6,188	178	-	
February	7,497	1,834	5,895	12	5,883	-98	-	
March	7,433	1,819	6,117	44	6,073	540	-	
April	7,407	1,802	5,813	38	5,775	-9	-	
May	7,328	1,765	6,454	89	6,365	225	-	
June	7,106	1,612	6,423	17	6,407	349	-	
July	7,173	1,687	6,855	0	6,855	150	-	
August	7,287	1,727	6,452	95	6,357	259	-	
September	7,224	1,702	5,664	0	5,664	402	-	
October	7,542	1,884	5,132	0	5,132	382	-	
November	7,387	1,746	5,085	0	5,085	269	-	
December	7,338	1,838	4,611	0	4,611	409	-	
Average	7,355	1,773	5,894	27	5,867	258	-	
1991								
January	7,500	1,848	5,296	0	5,296	-59	-	
February	7,637	1,908	5,485	0	5,485	324	-	
March	7,546	1,887	5,166	0	5,166	43	-	
April	7,509	1,798	5,529	0	5,529	236	-	
May	7,409	1,771	6,363	0	6,363	513	-	
June	7,320	1,757	6,334	0	6,334	59	-	
July	7,347	1,775	5,955	0	5,955	403	-	
August	7,316	1,731	6,645	0	6,645	11	-	
September	7,368	1,787	5,812	0	5,812	484	-	
October	7,437	1,843	5,683	0	5,683	-59	-	
November	7,328	1,765	5,528	0	5,528	263	-	
December	7,299	1,718	5,565	0	5,565	146	-	
Average	7,417	1,798	5,782	0	5,782	195	-	
1992								
January	7,361	1,789	5,956	0	5,956	290	-	
February	7,389	1,808	5,079	0	5,079	229	-	
March	7,348	1,785	5,321	0	5,321	287	-	
April	7,293	1,741	6,127	0	6,127	189	-	
May	7,169	1,682	6,060	0	6,060	421	-	
June	7,167	1,703	6,171	34	6,138	259	-	
July	7,131	1,655	6,796	0	6,796	332	-	
August	6,922	1,635	6,457	18	6,439	65	-	
September	7,030	1,700	6,218	16	6,202	385	-	
October	7,126	1,696	6,696	49	6,647	290	-	
November	7,024	1,674	6,121	0	6,121	296	-	
December	7,103	1,705	5,937	0	5,937	61	-	
Average	7,171	1,714	6,083	10	6,073	258	-	

a Strategic Petroleum Reserve.
b A balancing item.
c Beginning in January 1983, crude oil used directly as fuel is shown as product supplied.
d See Note 7 at end of section.

-- =Not applicable.
Notes: • Crude oil includes lease condensate. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.
Sources: See end of section.

Table 3.2b Crude Oil Supply and Disposition, 1973-1992: Disposition and Ending Stocks

	Disposition						Ending Stocks ^a		
	Crude Losses	Stock Change ^b		Refinery Inputs	Exports	Product Supplied ^d	Total	SPR ^c	Other Primary
		SPR ^c	Other						
Thousand Barrels per Day						Million Barrels			
1973									
January	13	-	-288	12,190	0	-	237	-	237
February	13	-	-75	12,187	0	-	235	-	235
March	13	-	283	12,201	0	-	244	-	244
April	13	-	155	12,208	0	-	249	-	249
May	13	-	293	12,281	4	-	258	-	258
June	14	-	-300	12,862	0	-	249	-	249
July	14	-	-167	12,750	7	-	244	-	244
August	14	-	150	12,635	0	-	248	-	248
September	14	-	-235	12,560	5	-	241	-	241
October	14	-	162	12,758	0	-	246	-	246
November	13	-	123	12,374	0	-	250	-	250
December	13	-	-243	12,150	6	-	242	-	242
Average	13	-	-11	12,431	2	-	242	-	242
1974									
January	12	-	-305	11,491	17	-	233	-	233
February	12	-	275	11,102	10	-	241	-	241
March	12	-	127	11,355	0	-	245	-	245
April	13	-	391	11,823	1	-	256	-	256
May	13	-	422	12,333	6	-	269	-	269
June	14	-	-23	12,697	1	-	269	-	269
July	14	-	-3	12,811	0	-	269	-	269
August	14	-	-124	12,644	0	-	265	-	265
September	13	-	63	12,124	0	-	267	-	267
October	13	-	87	12,286	0	-	269	-	269
November	13	-	57	12,332	0	-	271	-	271
December	13	-	-198	12,519	0	-	265	-	265
Average	13	-	62	12,133	3	-	265	-	265
1975									
January	13	-	176	12,297	27	-	270	-	270
February	13	-	225	12,135	34	-	277	-	277
March	13	-	104	11,905	11	-	280	-	280
April	13	-	64	11,803	1	-	282	-	282
May	13	-	-31	11,983	0	-	281	-	281
June	13	-	-161	12,417	0	-	276	-	276
July	14	-	-386	12,915	0	-	264	-	264
August	14	-	-243	13,046	0	-	257	-	257
September	14	-	94	12,945	0	-	259	-	259
October	13	-	327	12,365	0	-	270	-	270
November	14	-	46	12,689	0	-	271	-	271
December	14	-	13	12,779	0	-	271	-	271
Average	13	-	17	12,442	6	-	271	-	271
1976									
January	14	-	579	12,560	0	-	289	-	289
February	14	-	-410	12,834	0	-	277	-	277
March	14	-	184	12,877	1	-	283	-	283
April	14	-	117	12,727	0	-	287	-	287
May	14	-	-85	12,920	(s)	-	284	-	284
June	15	-	-76	13,799	0	-	282	-	282
July	15	-	29	13,901	0	-	283	-	283
August	15	-	-172	13,888	12	-	277	-	277
September	15	-	236	13,716	0	-	284	-	284
October	14	-	430	13,319	18	-	298	-	298
November	15	-	38	14,101	30	-	299	-	299
December	15	-	-431	14,333	34	-	285	-	285
Average	e 14	-	39	13,416	8	-	285	-	285
1977									
January	15	-	279	14,130	13	-	294	-	294
February	16	-	-95	14,734	59	-	291	-	291
March	15	-	260	14,263	32	-	300	-	300
April	15	-	645	14,177	17	-	319	-	319
May	16	-	319	14,593	89	-	329	-	329
June	16	-	166	14,865	10	-	334	-	334
July	16	-	51	14,882	53	-	335	-	335
August	16	-	115	14,642	37	-	339	-	339
September	16	-	-158	14,924	91	-	334	-	334
October	16	85	207	14,654	85	-	343	3	341
November	16	81	155	14,636	45	-	350	5	345
December	16	76	-160	14,748	69	-	348	7	340
Average	16	20	150	14,602	50	-	348	7	340

See footnotes at end of table.

Table 3.2b Crude Oil Supply and Disposition, 1973-1992: Disposition and Ending Stocks (Continued)

	Disposition						Ending Stocks ^a		
	Crude Losses	Stock Change ^b		Refinery Inputs	Exports	Product Supplied ^d	Total	SPR ^c	Other Primary
		SPR ^c	Other						
Thousand Barrels per Day						Million Barrels			
1978									
January	15	118	37	14,150	98	-	352	11	341
February	15	113	-196	13,969	8	-	350	14	336
March	15	134	309	14,148	60	-	364	18	345
April	15	113	-71	13,886	92	-	365	22	343
May	16	123	-460	14,996	124	-	355	26	329
June	16	150	141	14,693	195	-	363	30	333
July	16	165	-14	14,911	138	-	368	35	333
August	16	185	-518	15,196	182	-	358	41	317
September	16	204	144	15,085	251	-	368	47	321
October	16	194	126	15,005	272	-	378	53	325
November	16	207	-101	15,336	218	-	381	59	322
December	16	243	-407	15,421	251	-	376	67	309
Average	16	163	-84	14,739	158	-	376	67	309
1979									
January	16	203	-237	14,840	177	-	375	73	302
February	15	179	11	14,314	288	-	381	78	302
March	15	140	462	14,260	370	-	399	83	317
April	16	46	80	14,571	260	-	403	84	319
May	15	97	-89	14,450	171	-	403	87	316
June	16	56	318	14,806	235	-	414	89	326
July	16	49	-417	15,098	244	-	403	90	313
August	16	35	259	14,967	245	-	412	91	321
September	16	0	99	14,594	175	-	415	91	324
October	15	(s)	675	14,423	179	-	436	91	345
November	16	0	85	14,537	264	-	439	91	347
December	16	0	-269	14,877	215	-	430	91	339
Average	16	67	81	14,648	235	-	430	91	339
1980									
January	15	0	594	14,301	322	-	449	91	358
February	15	0	292	14,187	332	-	457	91	366
March	15	0	47	13,709	330	-	459	91	367
April	15	0	412	13,484	192	-	471	91	380
May	14	0	117	13,326	326	-	475	91	383
June	15	0	-65	13,705	365	-	473	91	381
July	14	0	-88	13,264	238	-	470	91	379
August	14	0	274	12,984	78	-	478	91	387
September	14	54	-361	13,313	322	-	469	93	376
October	14	123	68	12,772	309	-	475	97	379
November	14	189	-181	13,119	289	-	475	102	373
December	15	177	-481	13,648	343	-	^f 466	108	^f 358
Average	^e 14	45	52	13,481	287	-	^f 466	108	^f 358
1981									
January	6	151	^f -201	13,247	339	-	486	112	374
February	3	127	150	^e 12,903	198	-	494	116	378
March	^e 5	155	477	12,383	210	-	514	121	393
April	^e 4	444	151	12,091	198	-	532	134	397
May	3	513	-122	12,309	312	-	544	150	394
June	7	434	-299	12,415	123	-	548	163	385
July	^e 6	324	36	12,261	257	-	559	173	386
August	^e 4	372	-769	12,908	204	-	547	185	362
September	4	486	-201	12,505	194	-	555	199	356
October	^e 4	501	259	12,057	226	-	579	215	364
November	4	259	66	12,240	278	-	589	223	366
December	4	252	-82	12,349	189	-	594	230	363
Average	5	336	^f -46	12,470	228	-	594	230	363
1982									
January	3	159	242	11,599	238	-	606	235	371
February	2	213	29	11,236	304	-	613	241	372
March	5	235	-357	11,276	321	-	609	249	361
April	^e 2	233	-196	11,392	174	-	610	256	355
May	^e 2	176	-205	11,806	262	-	609	261	348
June	7	105	-144	12,494	94	-	608	264	344
July	3	97	50	12,446	229	-	613	267	346
August	2	208	232	11,871	304	-	626	274	353
September	4	143	-406	12,146	184	-	619	278	341
October	^e 1	216	332	11,749	270	-	636	285	351
November	^e 2	179	219	11,724	262	-	648	290	358
December	^e 2	125	-252	11,514	193	-	^g 644	294	^g 350
Average	3	174	-38	11,774	236	-	^g 644	294	^g 350

See footnotes at end of table.

Table 3.2b Crude Oil Supply and Disposition, 1973-1992: Disposition and Ending Stocks (Continued)

	Disposition						Ending Stocks ^a		
	Crude Losses	Stock Change ^b		Refinery Inputs	Exports	Product Supplied ^d	Total	SPR ^c	Other Primary
		SPR ^c	Other						
Thousand Barrels per Day						Million Barrels			
1983									
January	2	219	9 280	11,143	117	71	660	301	360
February	3	197	123	10,633	262	71	669	306	363
March	2	184	-267	10,859	174	70	667	312	355
April	2	197	205	11,433	88	68	679	318	361
May	1	293	-278	11,800	280	63	679	327	353
June	(s)	188	-66	12,284	144	64	683	332	351
July	2	264	-497	12,360	145	65	676	341	335
August	1	358	438	12,152	172	64	700	352	349
September	1	307	-68	12,482	177	66	708	361	347
October	1	201	73	11,782	140	63	716	367	349
November	2	135	-250	12,004	186	64	713	371	341
December	1	252	78	11,234	95	67	723	379	344
Average	2	234	9 -20	11,685	164	66	723	379	344
1984									
January	1	173	155	11,587	153	64	733	384	349
February	1	96	-293	12,157	185	65	727	387	340
March	2	147	-122	11,926	236	62	728	392	336
April	1	170	307	11,891	172	64	742	397	346
May	2	245	432	12,247	219	62	763	404	359
June	2	309	-205	12,255	222	61	767	414	353
July	2	328	-159	12,028	108	60	772	424	348
August	1	179	-429	12,346	190	63	764	429	335
September	3	53	-314	12,271	162	66	756	431	325
October	1	186	573	11,978	141	69	780	437	343
November	(s)	207	29	12,108	202	62	787	443	344
December	(s)	241	50	11,755	185	64	796	451	345
Average	2	195	4	12,044	181	64	796	451	345
1985									
January	1	223	-298	11,445	144	63	794	457	336
February	1	97	-522	11,367	221	63	782	460	322
March	1	48	262	11,372	189	69	791	462	330
April	1	111	409	11,805	236	67	807	465	342
May	1	225	475	12,094	250	65	829	472	357
June	1	155	-419	12,292	226	56	821	477	344
July	1	225	-551	12,445	154	55	811	484	327
August	(s)	116	-274	12,045	241	55	806	487	318
September	(s)	71	-37	11,925	188	55	807	489	317
October	(s)	20	-119	12,209	123	55	804	490	314
November	(s)	53	242	12,410	286	59	812	491	321
December	1	60	-2	12,570	197	63	814	493	321
Average	1	117	-67	12,002	204	60	814	493	321
1986									
January	1	35	348	12,374	159	57	826	494	332
February	(s)	35	2	11,918	162	56	827	495	332
March	(s)	49	296	11,652	212	52	838	497	341
April	(s)	63	-104	12,512	94	51	837	499	338
May	(s)	35	-295	13,279	98	49	829	500	329
June	(s)	64	-66	13,261	240	52	828	502	327
July	(s)	52	489	12,917	65	51	845	503	342
August	(s)	51	-293	13,287	233	48	838	505	333
September	(s)	47	170	13,097	161	45	844	506	338
October	(s)	36	197	12,636	151	41	851	508	344
November	(s)	65	-160	12,831	115	41	849	509	339
December	(s)	68	-254	12,777	159	42	843	512	331
Average	(s)	50	28	12,716	154	49	843	512	331
1987									
January	1	108	58	12,570	84	41	848	515	333
February	(s)	64	-42	12,290	284	41	849	517	332
March	1	106	19	12,081	150	39	852	520	332
April	(s)	67	-116	12,512	247	41	851	522	329
May	(s)	101	-137	12,653	69	42	850	525	325
June	(s)	69	97	13,202	116	36	855	527	328
July	(s)	91	-124	13,430	149	32	854	530	324
August	(s)	63	281	13,380	141	31	864	532	332
September	(s)	64	157	13,168	116	28	871	534	337
October	(s)	57	604	12,733	84	25	892	536	356
November	(s)	97	258	12,981	164	25	902	539	364
December	(s)	68	-472	13,212	220	31	890	541	349
Average	(s)	80	49	12,854	151	34	890	541	349

See footnotes at end of table.

Table 3.2b Crude Oil Supply and Disposition, 1973-1992: Disposition and Ending Stocks (Continued)

	Disposition						Ending Stocks ^a		
	Crude Losses	Stock Change ^b		Refinery Inputs	Exports	Product Supplied ^d	Total	SPR ^c	Other Primary
		SPR ^c	Other						
Thousand Barrels per Day						Million Barrels			
1988									
January	(s)	67	-110	12,920	206	45	888	543	346
February	(s)	49	84	12,644	146	52	892	544	348
March	(s)	26	193	13,016	213	52	899	545	354
April	(s)	77	112	13,135	114	42	905	547	357
May	(s)	22	74	13,425	138	34	908	548	360
June	(s)	70	-27	13,487	138	32	909	550	359
July	1	42	-302	13,617	186	29	901	551	349
August	(s)	26	-514	13,752	152	30	886	552	334
September	(s)	84	-167	13,261	119	37	883	555	329
October	(s)	43	356	13,126	166	42	896	556	340
November	(s)	89	-86	13,156	148	44	896	559	337
December	(s)	27	-215	13,381	129	44	890	560	330
Average	(s)	52	-51	13,246	155	40	890	560	330
1989									
January	(s)	65	115	13,330	137	47	895	562	334
February	(s)	85	-38	12,765	208	48	897	564	333
March	(s)	75	-202	12,963	156	45	893	566	327
April	(s)	60	434	12,956	139	23	908	568	340
May	(s)	77	194	13,405	131	19	916	570	346
June	(s)	44	-478	13,905	243	20	903	572	331
July	(s)	86	62	13,848	69	19	908	574	333
August	(s)	32	251	13,861	162	17	916	575	341
September	1	59	-203	13,791	32	18	912	577	335
October	0	37	36	13,360	61	21	914	578	336
November	(s)	41	500	13,420	120	25	930	579	351
December	(s)	12	-313	13,165	247	33	921	580	341
Average	(s)	56	30	13,401	142	28	921	580	341
1990									
January	(s)	24	249	13,491	132	40	930	581	349
February	0	12	-342	13,487	102	36	920	581	339
March	0	44	1,013	12,876	132	24	953	582	371
April	(s)	38	-12	13,051	111	24	954	583	370
May	0	89	389	13,386	112	30	969	586	383
June	(s)	16	56	13,689	88	29	971	587	384
July	0	0	-154	14,212	89	31	966	587	379
August	(s)	94	-321	14,142	64	18	959	590	370
September	(s)	(s)	-897	14,104	68	14	932	590	343
October	(s)	-8	120	12,825	104	15	936	589	346
November	(s)	-111	-253	12,953	137	13	925	586	339
December	(s)	-10	-517	12,708	162	15	908	586	323
Average	(s)	16	-51	13,409	109	24	908	586	323
1991									
January	0	0	-71	12,735	50	23	906	586	320
February	0	-147	379	13,046	152	17	913	582	331
March	(s)	-422	183	12,839	137	18	905	568	337
April	(s)	0	50	13,042	162	21	907	568	338
May	(s)	0	566	13,539	165	15	924	568	356
June	(s)	(s)	-299	13,918	78	16	915	568	347
July	0	(s)	-153	13,703	139	15	911	569	342
August	0	(s)	103	13,800	55	13	914	569	345
September	0	0	-156	13,694	109	16	909	569	341
October	(s)	(s)	51	12,896	92	22	911	569	342
November	(s)	(s)	43	12,929	126	22	912	569	344
December	0	(s)	-611	13,465	133	23	893	569	325
Average	(s)	-47	5	13,301	116	18	893	569	325
1992									
January	0	(s)	540	12,923	118	26	910	569	341
February	(s)	0	171	12,486	22	17	915	569	346
March	(s)	(s)	-250	13,083	105	18	907	569	339
April	0	0	315	13,260	23	11	917	569	348
May	0	(s)	-145	13,679	106	10	912	569	344
June	(s)	34	-615	14,059	107	12	895	570	325
July	0	(s)	244	13,953	53	9	902	570	333
August	(s)	20	-144	13,426	133	8	898	570	328
September	0	43	-204	13,714	68	11	893	571	322
October	(s)	69	342	13,584	106	10	906	574	333
November	(s)	15	-243	13,547	111	10	899	574	325
December	(s)	22	-234	13,194	107	12	893	575	318
Average	(s)	17	-18	13,411	89	13	893	575	318

^a Stocks are totals as of end of period.
^b A negative number indicates a decrease in stocks and a positive number indicates an increase.
^c Strategic Petroleum Reserve.
^d Beginning in January 1983, crude oil used directly as fuel is shown as product supplied.
^e See Note 7 at end of section.
^f Stocks of Alaskan crude oil in transit are included beginning in January

1981. See Note 5 at end of section.
^g See Note 4 at end of section.
 — =Not applicable. (s)=Less than +500 barrels per day and greater than -500 barrels per day.
 Notes: • Crude oil includes lease condensate. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.
 Sources: See end of section.

Table 3.3a Petroleum Imports, 1973-1992: Algeria, Iraq, Kuwait, and Libya

(Thousand Barrels per Day)

	Arab OPEC ^a							
	Algeria		Iraq		Kuwait ^b		Libya	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1973								
January	E 180	177	0	0	E 61	51	E 146	125
February	E 174	170	0	0	E 43	36	E 256	218
March	E 141	139	0	0	E 42	36	E 194	166
April	E 109	99	0	0	E 60	50	E 195	159
May	E 181	164	10	10	E 60	50	E 182	148
June	E 169	153	0	0	E 54	44	E 84	69
July	E 173	148	0	0	E 16	16	E 157	116
August	E 132	113	11	11	E 57	55	E 193	143
September	E 144	124	17	17	E 46	44	E 207	153
October	E 167	119	12	12	E 56	56	E 196	164
November	E 42	30	0	0	E 63	63	E 149	125
December	E 1	1	0	0	E 0	0	E 22	19
Average	^c 136	120	4	4	47	42	164	133
1974								
January	0	0	0	0	0	0	1	1
February	3	3	0	0	0	0	17	17
March	8	8	0	0	0	0	5	5
April	E 117	115	0	0	2	2	8	8
May	E 236	231	0	0	1	1	4	4
June	E 357	351	0	0	4	4	0	0
July	E 349	326	0	0	3	3	E 0	0
August	E 187	175	0	0	33	33	E 0	0
September	E 264	247	0	0	0	0	E 20	16
October	E 301	279	0	0	E 0	0	0	0
November	E 187	173	0	0	E 21	16	0	0
December	E 262	243	0	0	E 0	0	0	0
Average	190	180	0	0	5	5	4	4
1975								
January	E 293	274	0	0	E 0	0	19	19
February	E 226	211	0	0	E 20	4	82	82
March	E 295	276	0	0	E 71	13	175	175
April	226	214	0	0	4	0	125	125
May	345	338	7	7	12	4	211	198
June	347	325	0	0	24	22	183	174
July	347	331	0	0	2	2	248	240
August	269	267	16	16	1	1	407	407
September	284	230	4	0	11	0	457	427
October	236	210	3	0	19	0	236	206
November	296	280	0	0	10	2	276	258
December	211	210	0	0	12	0	355	355
Average	282	264	2	2	^c 16	4	232	223
1976								
January	346	332	0	0	5	0	451	433
February	357	350	0	0	28	0	328	326
March	347	323	0	0	3	0	379	372
April	446	446	0	0	0	0	356	339
May	411	404	0	0	0	0	362	345
June	501	478	0	0	2	0	488	473
July	548	526	0	0	4	4	487	478
August	510	481	32	32	0	0	463	456
September	435	421	124	124	11	11	491	491
October	357	331	65	65	0	0	456	456
November	502	453	52	52	0	0	534	527
December	380	347	40	40	2	0	637	623
Average	^c 432	408	26	26	5	1	453	444
1977								
January	488	473	61	61	148	136	625	610
February	666	658	0	0	41	10	653	645
March	471	457	19	19	46	40	738	716
April	665	654	52	52	73	67	783	776
May	393	381	144	144	51	51	769	734
June	453	441	83	83	72	66	841	814
July	568	553	100	100	50	50	762	751
August	632	601	64	64	6	6	640	601
September	551	535	93	93	0	0	679	660
October	663	639	86	86	46	46	680	667
November	591	577	94	94	5	5	847	827
December	574	567	83	83	39	28	656	650
Average	559	544	74	74	48	42	723	704

See footnotes at end of table.

Table 3.3a Petroleum Imports, 1973-1992: Algeria, Iraq, Kuwait, and Libya (Continued)
(Thousand Barrels per Day)

	Arab OPEC ^a							
	Algeria		Iraq		Kuwait ^b		Libya	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1978								
January	708	692	69	69	22	18	571	557
February	658	658	44	44	0	0	594	577
March	716	710	32	32	38	38	584	560
April	598	577	28	28	0	0	612	580
May	701	677	32	32	0	0	499	489
June	776	765	54	54	0	0	649	642
July	659	641	136	136	0	0	629	607
August	464	459	44	44	0	0	799	785
September	616	588	76	76	7	0	762	752
October	710	682	0	0	0	0	713	685
November	619	599	99	99	0	0	758	752
December	561	557	129	129	0	0	676	670
Average	649	634	62	62	6	5	654	638
1979								
January	669	647	56	56	6	6	754	740
February	746	644	69	69	11	11	614	604
March	579	550	146	146	0	0	598	552
April	687	674	55	55	0	0	771	771
May	755	725	41	41	0	0	651	644
June	588	561	239	239	0	0	765	752
July	591	558	49	49	16	12	666	645
August	669	647	69	69	53	22	657	643
September	510	506	120	120	0	0	621	605
October	615	594	123	123	12	12	762	740
November	621	597	27	27	0	0	476	458
December	603	598	60	60	0	0	559	542
Average	636	608	88	88	8	5	658	642
1980								
January	503	483	82	82	0	0	618	618
February	656	640	17	17	49	49	603	588
March	472	447	47	47	28	28	654	646
April	546	524	43	43	64	64	683	668
May	441	415	30	30	46	46	468	464
June	497	486	0	0	17	17	561	561
July	557	521	7	7	0	0	492	492
August	432	391	50	50	13	13	431	416
September	375	354	48	48	38	38	505	493
October	465	391	14	14	43	43	478	470
November	493	462	0	0	30	23	500	500
December	423	373	(s)	(s)	0	0	658	658
Average	488	456	28	28	27	27	554	548
1981								
January	341	326	0	0	0	0	500	493
February	381	338	(s)	0	0	0	468	468
March	352	314	0	0	0	0	485	485
April	263	254	0	0	0	0	485	477
May	393	355	0	0	0	0	443	437
June	356	294	0	0	0	0	380	380
July	333	277	0	0	0	0	251	251
August	348	280	0	0	0	0	274	274
September	336	255	0	0	0	0	154	154
October	242	188	0	0	0	0	147	136
November	210	136	0	0	0	0	132	132
December	176	116	0	0	0	0	122	122
Average	311	261	(s)	0	0	0	319	317
1982								
January	254	201	0	0	0	0	161	152
February	139	76	35	35	0	0	92	92
March	91	15	0	0	0	0	37	37
April	85	(s)	0	0	0	0	0	0
May	179	74	0	0	0	0	0	0
June	115	69	0	0	18	18	0	0
July	159	73	0	0	17	0	0	0
August	181	101	0	0	0	0	0	0
September	179	80	0	0	9	0	0	0
October	249	128	0	0	0	0	7	0
November	247	156	0	0	0	0	14	0
December	155	99	0	0	17	11	0	0
Average	170	90	3	3	5	2	26	23

See footnotes at end of table.

Table 3.3a Petroleum Imports, 1973-1992: Algeria, Iraq, Kuwait, and Libya (Continued)
(Thousand Barrels per Day)

	Arab OPEC ^a							
	Algeria		Iraq		Kuwait ^b		Libya	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983								
January	207	117	(s)	(s)	0	0	0	0
February	115	79	0	0	0	0	0	0
March	63	30	0	0	17	0	0	0
April	227	176	0	0	0	0	0	0
May	286	201	0	0	0	0	0	0
June	300	235	0	0	0	0	0	0
July	283	249	62	62	16	0	0	0
August	378	296	(s)	(s)	25	25	0	0
September	423	315	26	26	27	0	0	0
October	261	194	14	14	8	8	0	0
November	184	113	0	0	22	5	0	0
December	144	101	21	21	47	47	0	0
Average	240	176	10	10	14	7	0	0
1984								
January	242	95	0	0	8	8	0	0
February	369	209	(s)	(s)	18	(s)	7	0
March	285	183	0	0	16	0	0	0
April	280	222	0	0	39	9	0	0
May	471	331	0	0	106	74	0	0
June	302	176	18	18	62	36	0	0
July	332	187	67	67	6	6	0	0
August	404	211	0	0	21	21	0	0
September	359	202	20	20	38	27	0	0
October	333	238	12	12	8	8	0	0
November	298	172	0	0	58	47	0	0
December	204	107	32	32	51	51	0	0
Average	323	194	12	12	36	24	1	0
1985								
January	112	55	(s)	(s)	25	9	0	0
February	174	84	0	0	25	25	0	0
March	247	169	0	0	0	0	0	0
April	286	174	0	0	11	11	8	0
May	255	110	182	182	29	0	0	0
June	178	47	74	74	15	0	5	0
July	125	50	95	95	0	0	10	0
August	135	50	82	82	0	0	0	0
September	147	48	48	48	24	0	0	0
October	177	61	0	0	56	0	20	0
November	164	71	70	70	43	0	11	0
December	244	85	0	0	24	0	0	0
Average	187	84	46	46	21	4	4	0
1986								
January	215	120	30	30	56	(s)	0	0
February	157	58	0	0	26	0	0	0
March	260	136	31	31	25	0	0	0
April	275	113	38	38	26	0	0	0
May	193	50	92	92	67	17	0	0
June	319	77	139	139	173	67	0	0
July	310	20	95	95	98	41	0	0
August	363	69	134	134	93	62	0	0
September	245	51	126	126	82	0	0	0
October	305	73	132	125	104	101	0	0
November	311	100	54	54	28	12	0	0
December	291	66	95	95	38	30	0	0
Average	271	78	81	81	68	28	0	0
1987								
January	156	88	94	94	43	43	0	0
February	307	134	40	40	46	16	0	0
March	334	141	36	36	43	35	0	0
April	323	152	0	0	18	0	0	0
May	196	51	30	30	24	0	0	0
June	247	48	201	195	0	0	0	0
July	347	86	62	62	58	57	0	0
August	250	76	139	139	158	128	0	0
September	378	156	66	66	148	126	0	0
October	274	140	135	135	142	142	0	0
November	395	199	115	115	233	214	0	0
December	339	112	74	67	95	78	0	0
Average	295	115	83	82	84	70	0	0

See footnotes at end of table.

Table 3.3a Petroleum Imports, 1973-1992: Algeria, Iraq, Kuwait, and Libya (Continued)

(Thousand Barrels per Day)

	Arab OPEC ^a							
	Algeria		Iraq		Kuwait ^b		Libya	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1988								
January	333	96	124	124	242	192	0	0
February	358	56	51	51	89	89	0	0
March	259	59	248	248	45	45	0	0
April	342	37	272	272	12	12	0	0
May	320	71	295	295	27	0	0	0
June	262	52	430	416	9	0	0	0
July	225	32	567	567	0	0	0	0
August	257	50	439	439	170	157	0	0
September	289	66	492	479	173	161	0	0
October	326	61	482	478	1	0	0	0
November	322	39	403	403	203	186	0	0
December	312	72	331	331	128	124	0	0
Average	300	58	345	343	92	80	0	0
1989								
January	335	93	345	345	32	32	0	0
February	310	62	430	430	79	79	0	0
March	272	40	361	361	0	0	0	0
April	235	75	555	526	0	0	0	0
May	272	34	424	402	64	64	0	0
June	205	30	384	384	309	303	0	0
July	263	43	530	530	334	314	0	0
August	216	77	528	517	348	348	0	0
September	256	58	513	498	271	271	0	0
October	250	74	509	495	191	191	0	0
November	323	71	443	442	148	148	0	0
December	288	60	372	367	105	105	0	0
Average	269	60	449	441	157	155	0	0
1990								
January	413	97	690	657	250	250	0	0
February	282	47	500	488	150	140	0	0
March	301	67	585	580	100	82	0	0
April	234	62	588	588	50	50	0	0
May	259	38	727	724	64	64	0	0
June	333	72	708	708	105	94	0	0
July	308	70	1,120	1,120	43	33	0	0
August	360	80	966	966	243	207	0	0
September	279	69	318	318	33	33	0	0
October	173	15	0	0	0	0	0	0
November	177	46	0	0	0	0	0	0
December	242	92	0	0	0	0	0	0
Average	280	63	518	514	86	79	0	0
1991								
January	327	48	0	0	0	0	0	0
February	246	20	0	0	0	0	0	0
March	222	45	0	0	0	0	0	0
April	282	74	0	0	0	0	0	0
May	308	72	0	0	0	0	0	0
June	304	37	0	0	0	0	0	0
July	202	28	0	0	0	0	0	0
August	182	16	0	0	0	0	0	0
September	205	19	0	0	34	34	0	0
October	235	53	0	0	33	33	0	0
November	278	58	0	0	0	0	0	0
December	247	54	0	0	0	0	0	0
Average	253	44	0	0	6	6	0	0
1992								
January	206	37	0	0	0	0	0	0
February	218	57	0	0	0	0	0	0
March	215	37	0	0	0	0	0	0
April	182	19	0	0	0	0	0	0
May	202	7	0	0	0	0	0	0
June	144	12	0	0	0	0	0	0
July	179	37	0	0	58	23	0	0
August	261	45	0	0	66	33	0	0
September	184	19	0	0	70	33	0	0
October	186	8	0	0	137	109	0	0
November	171	0	0	0	117	117	0	0
December	203	9	0	0	165	149	0	0
Average	196	24	0	0	51	39	0	0

^a Excludes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b Imports from the Neutral Zone between Kuwait and Saudi Arabia are included in Saudi Arabia.

^c The annual value is not an average of the monthly values. See Note 6 at

end of section.

E=Estimate; see Note 6 at end of section. (s)=Less than 500 barrels per day.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3b Petroleum Imports, 1973-1992: Qatar, Saudi Arabia, U.A.E., and Total Arab OPEC

(Thousand Barrels per Day)

	Arab OPEC ^a						Total Arab OPEC ^a	
	Qatar		Saudi Arabia ^b		United Arab Emirates			
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1973								
January	0	0	E 372	351	10	10	E 769	713
February	0	0	E 271	255	39	39	E 782	719
March	0	0	E 414	390	162	162	E 954	893
April	0	0	E 316	290	75	75	E 755	672
May	0	0	E 399	366	58	58	E 889	796
June	6	6	E 473	434	80	80	E 866	787
July	0	0	E 669	644	102	102	E 1,117	1,026
August	12	12	E 675	650	64	64	E 1,144	1,047
September	41	41	E 623	599	88	88	E 1,167	1,067
October	18	18	E 781	744	62	62	E 1,290	1,175
November	9	9	E 647	616	107	107	E 1,016	950
December	2	2	E 192	183	0	0	E 217	205
Average	7	7	c 486	462	71	71	915	838
1974								
January	0	0	E 21	19	10	10	E 32	30
February	0	0	E 42	38	0	0	E 61	58
March	0	0	E 84	76	0	0	E 96	89
April	E 0	0	E 44	41	14	14	E 184	180
May	E 0	0	E 590	557	85	85	E 916	878
June	E 17	12	E 689	650	159	159	E 1,226	1,176
July	35	35	E 589	550	E 127	122	E 1,104	1,036
August	10	10	E 626	584	E 208	199	E 1,063	1,000
September	23	23	E 555	518	E 117	112	E 980	917
October	65	65	E 748	726	58	58	E 1,172	1,127
November	44	44	E 736	714	25	25	E 1,013	972
December	14	14	E 772	749	38	38	E 1,085	1,043
Average	17	17	461	438	c 74	69	c 752	713
1975								
January	56	56	E 852	845	47	47	E 1,267	1,241
February	0	0	E 796	789	106	106	E 1,229	1,192
March	25	25	E 632	627	113	113	E 1,310	1,228
April	1	1	428	419	70	70	853	829
May	5	5	335	329	125	125	1,041	1,006
June	0	0	501	469	77	77	1,131	1,067
July	10	10	588	569	107	107	1,302	1,260
August	17	17	748	735	260	260	1,718	1,702
September	64	64	731	712	216	216	1,766	1,649
October	28	28	961	943	93	93	1,575	1,480
November	0	0	934	922	69	69	1,585	1,531
December	11	11	1,075	1,058	114	114	1,778	1,748
Average	18	18	715	701	117	117	c 1,383	1,330
1976								
January	13	13	1,112	1,110	119	119	2,046	2,007
February	11	11	1,081	1,077	108	108	1,914	1,872
March	12	12	1,158	1,145	159	159	2,059	2,011
April	11	11	1,028	1,023	196	196	2,036	2,014
May	10	10	1,142	1,129	215	215	2,139	2,102
June	0	0	1,205	1,193	290	290	2,486	2,434
July	39	39	1,328	1,328	305	305	2,710	2,680
August	46	46	1,318	1,306	228	228	2,597	2,550
September	41	41	1,288	1,286	335	335	2,726	2,709
October	30	30	1,366	1,340	304	304	2,579	2,526
November	23	23	1,316	1,313	341	341	2,769	2,710
December	46	46	1,404	1,398	448	448	2,957	2,902
Average	24	24	1,230	1,222	254	254	c 2,424	2,378
1977								
January	23	23	1,327	1,321	320	320	2,991	2,943
February	38	38	1,442	1,436	317	317	3,156	3,103
March	44	44	1,348	1,339	370	370	3,036	2,984
April	34	34	1,437	1,429	324	324	3,368	3,336
May	94	94	1,724	1,716	252	252	3,428	3,373
June	79	79	1,433	1,420	439	425	3,400	3,327
July	90	90	1,405	1,394	274	269	3,248	3,206
August	70	70	1,401	1,382	309	307	3,121	3,030
September	57	57	1,487	1,487	348	347	3,215	3,179
October	72	72	1,343	1,343	253	252	3,142	3,105
November	94	94	1,119	1,119	420	420	3,169	3,136
December	101	101	1,103	1,093	402	402	2,958	2,925
Average	67	67	1,380	1,373	335	333	3,185	3,136

See footnotes at end of table.

Table 3.3b Petroleum Imports, 1973-1992: Qatar, Saudi Arabia, U.A.E., and Total Arab OPEC (Continued)

(Thousand Barrels per Day)

	Arab OPEC ^a						Total Arab OPEC ^a	
	Qatar		Saudi Arabia ^b		United Arab Emirates			
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1978								
January	45	45	1,206	1,206	349	349	2,969	2,935
February	68	68	971	959	486	486	2,822	2,793
March	106	106	1,132	1,132	296	296	2,904	2,873
April	92	92	1,021	1,021	480	480	2,830	2,777
May	8	8	786	786	419	419	2,445	2,411
June	97	97	1,108	1,108	345	345	3,029	3,012
July	60	60	1,053	1,045	294	294	2,831	2,783
August	75	75	1,128	1,128	416	416	2,926	2,908
September	87	87	1,248	1,248	389	389	3,184	3,139
October	42	42	1,173	1,173	397	397	3,035	2,980
November	42	42	1,365	1,365	409	409	3,293	3,266
December	44	44	1,525	1,525	357	357	3,292	3,282
Average	64	64	1,144	1,142	385	385	2,963	2,930
1979								
January	35	35	1,563	1,551	341	341	3,425	3,377
February	26	26	1,628	1,625	310	310	3,404	3,288
March	18	18	1,310	1,310	298	298	2,950	2,875
April	30	30	1,484	1,484	285	285	3,311	3,298
May	11	11	1,273	1,273	292	292	3,024	2,987
June	53	53	1,258	1,258	282	282	3,185	3,145
July	45	45	1,443	1,431	272	272	3,083	3,013
August	24	24	1,332	1,308	247	247	3,052	2,961
September	41	41	1,281	1,279	270	270	2,843	2,821
October	71	71	1,271	1,261	234	234	3,086	3,034
November	22	22	1,163	1,137	307	307	2,615	2,549
December	0	0	1,279	1,261	242	242	2,743	2,703
Average	31	31	1,356	1,347	281	281	3,058	3,002
1980								
January	54	54	1,576	1,552	202	202	3,034	2,989
February	17	17	1,412	1,383	304	304	3,058	2,998
March	19	19	1,380	1,368	289	289	2,889	2,843
April	77	77	1,300	1,298	150	150	2,862	2,823
May	22	22	1,149	1,142	172	172	2,329	2,292
June	17	17	1,328	1,320	178	178	2,598	2,579
July	12	12	1,192	1,192	158	158	2,418	2,381
August	14	14	1,139	1,120	142	142	2,222	2,146
September	0	0	1,112	1,098	107	107	2,185	2,138
October	0	0	1,044	1,044	182	182	2,226	2,144
November	9	9	1,201	1,201	105	105	d 2,339	2,300
December	19	19	1,301	1,294	83	83	2,484	2,427
Average	22	22	1,261	1,250	172	172	2,551	2,503
1981								
January	0	0	1,284	1,275	93	93	2,219	2,188
February	0	0	1,122	1,077	93	93	2,064	1,976
March	0	0	1,027	1,027	47	47	1,912	1,873
April	17	17	1,034	1,025	68	68	1,867	1,841
May	10	10	933	925	17	17	1,796	1,743
June	42	42	865	849	60	60	1,703	1,624
July	20	20	1,073	1,044	80	80	1,757	1,672
August	0	0	1,082	1,070	61	61	1,765	1,685
September	0	0	1,477	1,455	96	96	2,063	1,960
October	0	0	1,342	1,306	90	74	1,820	1,704
November	0	0	1,270	1,270	112	96	1,724	1,635
December	0	0	1,045	1,028	158	135	1,502	1,402
Average	7	7	1,129	1,112	81	77	1,848	1,774
1982								
January	0	0	877	868	111	73	1,403	1,293
February	7	7	693	685	89	79	1,054	974
March	21	21	555	547	155	145	860	766
April	22	22	511	504	122	122	740	647
May	0	0	601	601	116	110	897	785
June	0	0	593	574	94	84	820	745
July	21	21	660	602	108	93	965	789
August	15	15	489	489	133	118	818	723
September	0	0	432	382	57	37	677	499
October	0	0	494	434	61	61	810	622
November	0	0	489	453	47	47	797	657
December	0	0	237	233	12	0	421	343
Average	7	7	552	530	92	81	854	736

See footnotes at end of table.

Table 3.3b Petroleum Imports, 1973-1992: Qatar, Saudi Arabia, U.A.E., and Total Arab OPEC (Continued)

(Thousand Barrels per Day)

	Arab OPEC ^a						Total Arab OPEC ^a	
	Qatar		Saudi Arabia ^b		United Arab Emirates			
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983								
January	0	0	282	276	47	40	537	432
February	0	0	214	214	9	9	338	301
March	0	0	103	103	0	0	183	134
April	0	0	162	162	(s)	(s)	389	338
May	0	0	122	111	12	0	420	312
June	0	0	188	170	40	25	528	429
July	0	0	182	173	64	40	606	524
August	(s)	0	448	414	52	12	903	748
September	(s)	0	587	555	21	12	1,084	908
October	0	0	638	601	16	16	938	834
November	0	0	545	535	56	39	807	692
December	0	0	569	538	45	26	826	732
Average	(s)	0	337	321	30	18	632	533
1984								
January	0	0	477	457	114	104	842	663
February	0	0	324	319	33	18	751	545
March	0	0	310	293	112	94	723	570
April	0	0	320	301	95	47	735	579
May	0	0	329	317	240	199	1,146	921
June	0	0	411	399	46	18	838	646
July	0	0	429	426	112	89	946	775
August	48	48	438	431	82	73	993	784
September	0	0	159	154	113	47	688	450
October	0	0	287	287	114	84	754	629
November	5	0	183	149	124	88	668	456
December	1	0	224	167	211	211	723	568
Average	5	4	325	309	117	90	819	634
1985								
January	3	0	106	74	60	47	305	185
February	0	0	108	77	0	0	307	187
March	0	0	85	59	52	52	385	281
April	0	0	201	133	70	35	575	354
May	0	0	41	(s)	128	78	635	370
June	0	0	26	(s)	81	81	378	201
July	0	0	44	(s)	13	13	286	158
August	0	0	46	35	17	17	280	184
September	0	0	27	0	57	57	302	154
October	0	0	251	210	17	17	520	288
November	0	0	430	381	34	21	752	543
December	0	0	642	602	15	0	925	687
Average	(s)	0	168	132	45	35	472	300
1986								
January	0	0	664	601	11	0	976	752
February	0	0	574	535	0	0	757	594
March	0	0	482	445	0	0	798	612
April	0	0	698	681	21	0	1,058	831
May	0	0	574	520	40	24	966	703
June	0	0	662	591	83	73	1,377	947
July	57	53	738	632	59	47	1,357	887
August	33	25	680	564	37	34	1,339	888
September	63	63	810	748	62	62	1,388	1,050
October	2	2	697	672	147	147	1,387	1,120
November	0	0	868	753	34	34	1,295	952
December	0	0	769	677	30	30	1,223	899
Average	13	12	685	618	44	38	1,162	854
1987								
January	0	0	875	827	15	12	1,184	1,065
February	0	0	776	648	54	32	1,222	871
March	0	0	430	340	0	0	843	553
April	0	0	463	320	62	62	866	534
May	0	0	499	436	26	26	775	543
June	0	0	782	601	45	30	1,275	875
July	0	0	756	641	42	42	1,264	887
August	0	0	961	865	103	88	1,611	1,295
September	0	0	902	782	146	146	1,640	1,276
October	0	0	1,051	950	111	111	1,713	1,478
November	0	0	637	538	97	97	1,477	1,163
December	0	0	876	740	31	31	1,415	1,029
Average	0	0	751	642	61	56	1,274	965

See footnotes at end of table.

Table 3.3b Petroleum Imports, 1973-1992: Qatar, Saudi Arabia, U.A.E., and Total Arab OPEC (Continued)

(Thousand Barrels per Day)

	Arab OPEC ^a						Total Arab OPEC ^a	
	Qatar		Saudi Arabia ^b		United Arab Emirates		Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil		
1988								
January	0	0	894	778	61	37	1,652	1,228
February	0	0	1,307	1,177	79	71	1,883	1,444
March	0	0	950	810	6	0	1,509	1,162
April	0	0	937	797	48	48	1,610	1,167
May	0	0	1,041	870	41	41	1,724	1,277
June	0	0	923	749	11	0	1,635	1,217
July	0	0	1,076	800	43	35	1,911	1,433
August	0	0	1,169	899	0	0	2,036	1,545
September	0	0	1,066	922	22	22	2,042	1,649
October	0	0	1,244	1,066	16	0	2,069	1,604
November	0	0	986	850	0	0	1,914	1,477
December	0	0	1,289	1,223	19	19	2,080	1,769
Average	0	0	1,073	911	29	23	1,839	1,415
1989								
January	0	0	1,449	1,335	59	59	2,219	1,863
February	0	0	1,290	1,177	17	17	2,126	1,765
March	0	0	1,108	1,025	64	64	1,805	1,490
April	0	0	1,226	1,074	14	14	2,030	1,689
May	0	0	1,155	1,056	61	61	1,977	1,617
June	0	0	1,249	1,147	17	17	2,164	1,881
July	0	0	1,182	1,096	0	0	2,308	1,982
August	0	0	1,316	1,159	44	0	2,453	2,101
September	26	26	1,109	1,021	20	0	2,195	1,874
October	0	0	1,158	1,047	14	14	2,122	1,819
November	0	0	1,342	1,230	0	0	2,257	1,891
December	0	0	1,115	1,029	26	0	1,905	1,561
Average	2	2	1,224	1,116	28	21	2,130	1,794
1990								
January	0	0	1,214	1,055	37	0	2,605	2,060
February	0	0	1,557	1,372	18	18	2,506	2,065
March	0	0	1,157	1,060	17	17	2,161	1,805
April	43	43	1,149	950	9	0	2,073	1,693
May	0	0	1,225	1,076	73	60	2,349	1,963
June	0	0	1,153	1,041	20	0	2,318	1,916
July	0	0	1,369	1,242	13	13	2,853	2,478
August	0	0	1,189	1,052	0	0	2,757	2,305
September	0	0	1,286	1,168	0	0	1,915	1,588
October	0	0	1,619	1,473	0	0	1,792	1,488
November	0	0	1,581	1,431	0	0	1,758	1,477
December	0	0	1,587	1,431	14	0	1,843	1,523
Average	4	4	1,339	1,195	17	9	2,244	1,864
1991								
January	0	0	1,934	1,782	0	0	2,261	1,830
February	0	0	1,566	1,538	0	0	1,812	1,559
March	0	0	1,683	1,646	0	0	1,905	1,691
April	0	0	1,764	1,702	0	0	2,046	1,776
May	0	0	2,258	2,053	0	0	2,566	2,124
June	0	0	1,841	1,795	0	0	2,145	1,832
July	0	0	1,725	1,641	0	0	1,928	1,670
August	0	0	2,019	1,964	7	0	2,208	1,980
September	0	0	1,708	1,562	0	0	1,947	1,615
October	0	0	1,671	1,545	18	18	1,956	1,649
November	0	0	1,778	1,626	16	0	2,072	1,684
December	0	0	1,645	1,566	0	0	1,892	1,620
Average	0	0	1,802	1,703	3	2	2,064	1,754
1992								
January	0	0	2,017	1,900	18	0	2,241	1,937
February	0	0	1,776	1,687	0	0	1,995	1,745
March	0	0	1,707	1,568	0	0	1,922	1,605
April	0	0	1,734	1,524	0	0	1,916	1,543
May	0	0	1,764	1,584	0	0	1,966	1,591
June	0	0	1,744	1,610	0	0	1,888	1,621
July	8	0	1,713	1,599	0	0	1,958	1,659
August	0	0	1,594	1,473	7	0	1,929	1,551
September	0	0	1,593	1,477	0	0	1,847	1,529
October	0	0	1,593	1,482	4	0	1,920	1,599
November	0	0	1,608	1,540	17	0	1,913	1,657
December	0	0	1,793	1,725	28	0	2,188	1,882
Average	1	0	1,720	1,597	6	0	1,974	1,660

^a Excludes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b Imports from the Neutral Zone between Kuwait and Saudi Arabia are included in Saudi Arabia.

^c The annual value is not an average of the monthly values. See Note 6 at end of section.

^d See Note 7 at end of section.

E=Estimate; see Note 6 at end of section. (s)=Less than 500 barrels per day.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3c Petroleum Imports, 1973-1992: Ecuador, Gabon, Indonesia, and Iran
(Thousand Barrels per Day)

	Non-Arab OPEC ^a							
	Ecuador		Gabon		Indonesia		Iran	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1973								
January	E 43	41	0	0	110	110	E 69	64
February	E 77	75	0	0	152	152	E 138	127
March	E 27	26	0	0	229	229	E 167	154
April	E 85	83	0	0	E 140	137	E 109	107
May	E 18	18	0	0	E 234	230	E 258	255
June	E 45	44	0	0	E 252	248	E 261	258
July	E 40	38	0	0	E 294	256	E 236	229
August	E 66	62	0	0	E 192	167	E 264	256
September	E 35	33	0	0	E 286	249	E 212	206
October	49	49	0	0	E 164	155	E 248	243
November	38	38	0	0	E 218	206	E 249	244
December	62	62	0	0	E 276	260	E 453	444
Average	48	47	0	0	213	200	223	216
1974								
January	62	62	0	0	E 167	147	E 467	463
February	38	38	0	0	E 413	363	E 336	333
March	64	64	0	0	E 275	241	E 383	380
April	E 54	53	11	11	E 368	351	E 612	603
May	E 67	65	24	24	E 293	280	E 586	577
June	E 78	76	22	22	E 261	249	E 551	543
July	16	16	10	10	E 351	336	E 571	566
August	16	16	43	43	E 215	206	E 486	481
September	23	23	51	51	E 326	313	E 432	428
October	46	46	81	81	E 236	232	E 388	381
November	20	20	23	23	E 336	330	E 355	349
December	22	22	13	13	E 374	367	E 449	441
Average	42	42	23	23	300	284	469	463
1975								
January	53	53	4	4	E 279	272	E 398	393
February	59	59	39	39	E 327	319	E 292	289
March	31	31	77	77	E 294	286	E 182	180
April	39	39	18	18	351	321	346	346
May	83	83	20	20	359	335	256	255
June	48	48	59	59	481	461	232	232
July	77	77	27	27	463	460	217	217
August	38	38	18	13	472	463	203	200
September	70	70	28	28	443	436	277	273
October	41	41	17	17	402	402	311	305
November	50	50	11	11	397	397	473	470
December	94	90	13	11	391	391	186	186
Average	57	57	27	27	b 390	379	280	278
1976								
January	50	50	18	18	478	478	388	386
February	12	12	50	46	476	476	241	241
March	42	42	27	27	552	552	287	286
April	66	66	5	5	468	464	323	323
May	59	59	67	63	485	484	184	183
June	47	47	21	16	604	598	323	323
July	60	60	9	9	581	581	374	374
August	47	43	8	4	555	555	294	294
September	17	17	5	5	570	570	275	273
October	76	76	62	57	487	486	284	284
November	74	74	20	20	647	647	317	317
December	63	63	46	46	556	556	289	289
Average	51	51	28	26	b 539	537	298	298
1977								
January	51	51	42	22	637	619	397	397
February	78	78	85	63	581	547	412	412
March	45	45	38	28	575	528	735	735
April	53	53	39	26	524	474	517	517
May	81	77	42	42	509	476	563	559
June	95	95	10	6	672	637	563	547
July	48	48	64	59	539	499	^A 857	850
August	94	94	43	43	553	519	500	474
September	19	19	33	29	391	355	449	449
October	29	18	40	30	467	451	413	413
November	40	38	52	52	515	462	423	418
December	50	50	17	17	533	514	573	570
Average	57	55	42	35	541	507	535	530

See footnotes at end of table.

Table 3.3c Petroleum Imports, 1973-1992: Ecuador, Gabon, Indonesia, and Iran
(Continued)

(Thousand Barrels per Day)

	Non-Arab OPEC ^a							
	Ecuador		Gabon		Indonesia		Iran	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1978								
January	67	67	25	21	528	466	690	679
February	79	66	60	60	406	378	539	539
March	49	41	29	29	604	576	535	535
April	36	24	73	67	532	495	442	442
May	25	15	19	15	550	538	746	746
June	31	21	37	37	666	608	536	536
July	72	45	34	34	648	603	532	532
August	51	22	36	21	575	556	574	574
September	60	45	32	25	634	611	591	591
October	55	33	16	16	571	553	608	608
November	52	38	29	29	549	488	495	495
December	68	43	105	105	604	513	369	369
Average	54	38	41	38	573	533	555	554
1979								
January	89	66	42	42	503	436	187	187
February	31	22	34	34	521	427	86	67
March	56	35	52	52	419	392	22	0
April	24	16	21	21	376	374	52	52
May	50	26	45	45	343	283	197	195
June	35	35	37	37	391	338	318	315
July	19	19	53	53	427	408	425	400
August	34	26	82	82	499	465	516	508
September	38	26	0	0	359	332	373	365
October	46	40	54	54	452	420	496	496
November	63	49	34	34	351	320	549	542
December	19	0	52	47	403	357	414	414
Average	42	30	42	42	420	380	304	297
1980								
January	11	0	32	32	454	418	95	91
February	29	14	40	40	317	272	9	9
March	65	54	16	16	405	367	0	0
April	46	38	11	11	374	328	0	0
May	4	0	45	45	360	324	0	0
June	31	23	41	30	331	303	0	0
July	27	22	17	17	365	333	0	0
August	12	0	22	22	289	260	0	0
September	25	13	0	0	299	277	0	0
October	8	0	30	30	348	328	0	0
November	14	0	25	25	348	322	0	0
December	53	37	29	29	288	235	0	0
Average	27	17	26	25	348	314	9	8
1981								
January	15	11	12	12	424	362	0	0
February	33	16	59	59	406	374	0	0
March	8	0	47	47	328	293	0	0
April	4	0	18	18	307	243	0	0
May	75	55	39	39	297	246	0	0
June	49	45	28	28	367	311	0	0
July	12	(s)	7	7	340	298	0	0
August	56	38	28	28	377	316	0	0
September	62	50	87	87	371	330	0	0
October	120	112	52	52	427	378	0	0
November	30	23	25	25	353	301	0	0
December	116	107	16	16	400	368	0	0
Average	48	38	35	35	366	318	0	0
1982								
January	61	51	66	66	289	248	0	0
February	15	0	45	45	244	166	0	0
March	50	43	20	20	200	172	0	0
April	38	22	25	25	215	204	0	0
May	54	48	0	0	236	210	0	0
June	37	25	55	55	215	202	72	72
July	35	35	22	22	327	312	69	69
August	69	59	49	49	271	258	27	27
September	17	17	43	39	191	187	21	21
October	81	59	25	25	242	232	108	108
November	30	23	85	85	283	263	34	34
December	10	0	46	46	265	243	88	88
Average	42	32	40	40	248	226	35	35

See footnotes at end of table.

Table 3.3c Petroleum Imports, 1973-1992: Ecuador, Gabon, Indonesia, and Iran
(Continued)

(Thousand Barrels per Day)

	Non-Arab OPEC ^a							
	Ecuador		Gabon		Indonesia		Iran	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983								
January	21	11	33	33	255	250	43	43
February	28	24	(s)	(s)	217	210	0	0
March	99	95	86	86	138	134	0	0
April	58	58	67	67	210	187	0	0
May	21	21	48	48	405	373	37	37
June	72	58	66	66	466	415	38	38
July	76	72	33	33	464	422	112	112
August	112	112	93	93	433	416	213	213
September	68	62	99	99	501	480	86	86
October	70	70	76	76	368	346	12	12
November	36	29	77	77	302	284	21	21
December	73	62	22	22	294	264	9	9
Average	61	56	59	59	338	315	48	48
1984								
January	43	33	0	0	289	243	0	0
February	116	112	41	30	267	251	0	0
March	58	54	52	52	283	219	67	67
April	48	43	71	71	226	161	0	0
May	33	24	102	102	479	423	0	0
June	46	36	46	46	415	366	0	0
July	63	48	105	105	384	343	0	0
August	75	58	71	71	281	251	0	0
September	43	37	47	47	333	284	17	17
October	41	36	53	53	421	392	0	0
November	68	62	42	42	424	402	24	24
December	31	22	60	60	314	314	12	12
Average	55	47	58	57	343	304	10	10
1985								
January	50	39	10	10	296	296	0	0
February	39	27	0	0	232	232	0	0
March	67	56	17	15	283	226	0	0
April	27	12	49	41	313	288	0	0
May	55	34	88	88	265	248	0	0
June	31	22	32	32	438	414	0	0
July	98	83	55	55	390	372	42	42
August	95	83	112	112	377	338	100	100
September	70	61	88	88	206	189	43	43
October	88	70	52	52	277	277	41	41
November	107	107	74	74	356	315	99	99
December	78	72	46	46	324	308	0	0
Average	67	56	52	51	314	292	27	27
1986								
January	106	92	18	18	290	256	0	0
February	16	3	22	22	290	290	(s)	(s)
March	35	18	26	19	161	154	0	0
April	67	61	9	0	292	262	0	0
May	86	81	45	45	314	276	40	40
June	89	63	38	38	353	337	0	0
July	80	69	0	0	532	497	66	66
August	74	59	45	45	274	274	93	93
September	63	59	21	21	341	315	31	31
October	85	69	24	24	388	373	0	0
November	132	122	0	0	335	308	0	0
December	90	69	61	61	251	221	0	0
Average	77	64	26	25	318	297	19	19
1987								
January	81	71	0	0	254	223	0	0
February	69	53	0	0	418	391	30	30
March	41	35	15	15	317	283	73	73
April	0	0	59	59	236	236	47	47
May	1	0	64	64	297	244	75	75
June	0	0	68	68	261	246	165	165
July	0	0	38	38	349	324	237	237
August	0	0	54	54	312	312	208	208
September	13	13	35	35	242	204	193	193
October	79	61	45	45	305	282	86	86
November	33	25	21	21	219	212	41	41
December	37	12	14	14	216	199	23	23
Average	29	23	35	35	285	262	98	98

See footnotes at end of table.

Table 3.3c Petroleum Imports, 1973-1992: Ecuador, Gabon, Indonesia, and Iran
(Continued)

(Thousand Barrels per Day)

	Non-Arab OPEC ^a							
	Ecuador		Gabon		Indonesia		Iran	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1988								
January	94	63	36	36	179	137	^c 1	^c 1
February	21	14	12	12	194	154	0	0
March	34	12	11	11	127	112	0	0
April	61	49	33	33	166	165	0	0
May	29	11	9	9	298	298	0	0
June	42	24	46	46	184	184	0	0
July	23	12	0	0	216	216	0	0
August	42	36	18	18	153	153	0	0
September	32	26	0	0	242	201	0	0
October	59	47	10	0	265	204	0	0
November	66	48	22	22	240	227	0	0
December	64	58	0	0	194	181	0	0
Average	47	33	16	15	205	186	^c (s)	^c (s)
1989								
January	52	46	0	0	218	201	0	0
February	74	67	11	11	292	244	0	0
March	100	85	10	10	167	107	0	0
April	116	111	72	72	128	97	0	0
May	123	112	19	12	264	264	0	0
June	75	75	88	88	138	129	0	0
July	86	86	42	37	113	108	0	0
August	97	79	87	87	115	100	0	0
September	115	109	32	32	113	91	0	0
October	122	105	50	50	167	130	0	0
November	71	62	99	99	231	208	0	0
December	41	23	85	85	263	222	0	0
Average	89	80	50	49	183	158	0	0
1990								
January	48	35	75	75	153	118	0	0
February	60	40	43	43	254	189	0	0
March	49	38	134	134	138	97	0	0
April	31	29	32	28	88	80	0	0
May	17	12	27	27	85	77	0	0
June	98	86	59	59	138	129	0	0
July	60	43	69	69	143	137	0	0
August	81	69	119	119	69	55	0	0
September	43	37	59	59	111	111	0	0
October	49	43	50	50	88	88	0	0
November	13	13	71	71	72	72	0	0
December	35	12	30	30	45	36	0	0
Average	49	38	64	64	114	98	0	0
1991								
January	18	6	41	41	70	70	0	0
February	66	55	95	95	162	153	0	0
March	67	58	29	29	93	93	0	0
April	35	24	72	72	69	69	0	0
May	109	103	96	96	97	97	0	0
June	129	126	70	70	187	187	0	0
July	62	47	137	137	88	88	81	81
August	112	93	56	56	93	87	48	48
September	31	25	91	91	83	64	152	152
October	30	24	137	137	118	91	43	43
November	55	48	91	91	120	96	64	64
December	41	23	91	91	163	134	0	0
Average	63	53	84	84	111	102	32	32
1992								
January	56	56	91	91	125	117	0	0
February	61	48	105	105	39	39	0	0
March	26	26	25	25	85	83	0	0
April	53	46	186	186	54	49	0	0
May	51	51	135	135	155	133	0	0
June	105	101	129	129	109	102	0	0
July	111	111	143	143	65	65	0	0
August	99	93	108	108	91	85	0	0
September	97	97	165	158	57	38	0	0
October	42	36	167	167	54	43	0	0
November	53	53	114	114	36	23	0	0
December	24	24	120	120	60	60	0	0
Average	65	62	124	123	78	70	0	0

^a Excludes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b The annual value is not an average of the monthly values. See Note 6 at end of section.

^c A small amount of Iranian crude oil entered the United States in January 1988 from the Virgin Islands. The oil originated in Iran and was exported to

the Virgin Islands prior to the signing of Executive Order 12613 on October 29, 1987.

E=Estimate; see Note 6 at end of section. (s)=Less than 500 barrels per day. A=Adjusted data; see Note 6 at end of section.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3d Petroleum Imports, 1973-1992: Nigeria, Venezuela, Total Non-Arab OPEC, and Total OPEC

(Thousand Barrels per Day)

	Non-Arab OPEC ^a				Total Non-Arab OPEC ^a		Total OPEC ^a	
	Nigeria		Venezuela		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil				
1973								
January	E 410	392	E 1,250	246	E 1,882	852	E 2,651	1,566
February	E 448	427	E 1,040	205	E 1,855	986	E 2,636	1,705
March	E 433	413	E 1,011	199	E 1,866	1,021	E 2,820	1,913
April	E 489	476	E 797	281	E 1,619	1,084	E 2,373	1,757
May	E 426	415	E 998	352	E 1,934	1,269	E 2,823	2,065
June	E 421	410	E 982	346	E 1,961	1,306	E 2,827	2,093
July	E 487	481	E 1,161	392	E 2,218	1,397	E 3,335	2,423
August	E 476	471	E 1,257	425	E 2,255	1,382	E 3,399	2,429
September	E 414	409	E 1,199	405	E 2,145	1,302	E 3,312	2,369
October	E 521	515	E 1,259	423	E 2,242	1,386	E 3,532	2,560
November	E 444	440	E 1,351	454	E 2,300	1,381	E 3,316	2,331
December	E 534	528	E 1,178	396	E 2,504	1,691	E 2,721	1,895
Average	459	448	b 1,135	344	b 2,078	1,257	b 2,993	2,095
1974								
January	E 464	462	E 1,116	255	E 2,276	1,388	E 2,308	1,418
February	E 359	357	E 973	222	E 2,119	1,313	E 2,180	1,371
March	E 548	545	E 1,216	278	E 2,487	1,509	E 2,583	1,597
April	E 702	689	E 950	285	E 2,697	1,992	E 2,882	2,172
May	E 731	717	E 783	235	E 2,484	1,898	E 3,399	2,777
June	E 732	718	E 823	247	E 2,467	1,855	E 3,693	3,031
July	E 890	862	E 861	371	E 2,699	2,159	E 3,803	3,196
August	E 909	880	E 872	375	E 2,542	2,002	E 3,605	3,002
September	E 768	743	E 969	417	E 2,570	1,975	E 3,550	2,892
October	E 723	704	E 1,088	387	E 2,561	1,830	E 3,732	2,957
November	E 1,039	1,012	E 1,087	387	E 2,861	2,121	E 3,874	3,093
December	E 669	652	E 1,015	361	E 2,543	1,857	E 3,628	2,900
Average	713	697	b 979	319	2,527	1,827	b 3,280	2,540
1975								
January	E 871	843	E 882	334	E 2,486	1,899	E 3,753	3,140
February	E 860	833	E 707	268	E 2,283	1,805	E 3,512	2,997
March	E 834	808	E 898	340	E 2,317	1,722	E 3,627	2,951
April	619	614	824	444	2,197	1,782	3,050	2,611
May	643	639	801	411	2,163	1,744	3,204	2,750
June	619	606	711	531	2,150	1,937	3,281	3,004
July	715	695	679	505	2,178	1,981	3,480	3,240
August	804	799	522	387	2,058	1,901	3,776	3,604
September	817	799	624	426	2,259	2,032	4,025	3,681
October	773	754	515	366	2,058	1,885	3,634	3,365
November	802	788	585	397	2,318	2,114	3,903	3,645
December	785	777	622	328	2,091	1,782	3,868	3,530
Average	762	746	b 702	395	b 2,219	1,882	b 3,601	3,211
1976								
January	782	773	547	133	2,262	1,838	4,308	3,845
February	831	821	839	111	2,450	1,707	4,363	3,579
March	905	897	468	152	2,281	1,955	4,339	3,967
April	997	986	497	166	2,356	2,010	4,392	4,024
May	855	842	488	166	2,138	1,797	4,276	3,899
June	1,134	1,122	668	263	2,797	2,368	5,283	4,803
July	1,137	1,128	808	265	2,970	2,418	5,680	5,098
August	1,029	1,026	704	371	2,638	2,293	5,235	4,844
September	1,173	1,159	932	412	2,972	2,437	5,698	5,146
October	1,087	1,082	773	347	2,769	2,331	5,348	4,857
November	1,174	1,161	812	292	3,044	2,512	5,812	5,222
December	1,194	1,165	868	209	3,017	2,329	5,973	5,231
Average	1,025	1,014	b 700	241	b 2,642	2,167	b 5,066	4,545
1977								
January	1,272	1,268	842	191	3,241	2,548	6,232	5,491
February	1,256	1,240	937	168	3,350	2,509	6,506	5,612
March	1,300	1,296	679	160	3,372	2,793	6,408	5,777
April	1,254	1,250	666	288	3,053	2,608	6,421	5,944
May	1,072	1,060	534	251	2,802	2,465	6,230	5,838
June	1,223	1,195	669	341	3,230	2,820	6,630	6,147
July	1,195	1,184	656	336	3,358	2,978	6,606	6,184
August	975	964	753	316	2,918	2,411	6,040	5,441
September	1,085	1,066	745	301	2,721	2,219	5,936	5,398
October	1,159	1,150	592	241	2,699	2,304	5,842	5,409
November	943	926	521	201	2,494	2,098	5,663	5,234
December	990	969	709	204	2,872	2,324	5,830	5,248
Average	1,143	1,130	690	250	3,008	2,507	6,193	5,643

See footnotes at end of table.

Table 3.3d Petroleum Imports, 1973-1992: Nigeria, Venezuela, Total Non-Arab OPEC, and Total OPEC (Continued)

(Thousand Barrels per Day)

	Non-Arab OPEC ^a				Total Non-Arab OPEC ^a		Total OPEC ^a	
	Nigeria		Venezuela		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil				
1978								
January	835	827	644	152	2,788	2,212	5,757	5,147
February	793	782	800	107	2,677	1,931	5,499	4,724
March	960	944	895	135	3,072	2,261	5,975	5,134
April	584	580	651	111	2,319	1,719	5,148	4,496
May	780	776	558	205	2,678	2,295	5,123	4,706
June	858	853	494	213	2,622	2,267	5,651	5,278
July	1,003	991	539	223	2,828	2,428	5,659	5,210
August	943	934	519	186	2,698	2,293	5,624	5,201
September	1,030	1,025	652	243	2,998	2,540	6,183	5,679
October	928	923	525	169	2,703	2,303	5,738	5,282
November	1,188	1,154	635	179	2,948	2,383	6,240	5,649
December	1,120	1,115	842	244	3,107	2,389	6,399	5,670
Average	919	910	646	181	2,788	2,254	5,751	5,184
1979								
January	1,159	1,148	661	197	2,641	2,077	6,066	5,454
February	984	969	749	254	2,406	1,773	5,810	5,061
March	1,403	1,371	851	244	2,804	2,095	5,754	4,969
April	989	982	630	258	2,092	1,703	5,403	5,001
May	1,118	1,109	671	312	2,423	1,970	5,447	4,957
June	932	925	609	333	2,322	1,982	5,507	5,127
July	1,000	986	674	314	2,599	2,182	5,682	5,195
August	1,183	1,183	731	369	3,045	2,634	6,097	5,594
September	1,103	1,096	726	378	2,600	2,198	5,443	5,019
October	988	988	617	278	2,652	2,276	5,738	5,309
November	1,007	1,007	693	330	2,697	2,282	5,312	4,831
December	1,080	1,043	^A 669	243	2,636	2,105	5,379	4,807
Average	1,080	1,069	690	293	2,579	2,110	5,637	5,112
1980								
January	1,054	1,043	786	185	2,433	1,769	5,467	4,759
February	1,036	1,014	543	216	1,973	1,565	5,031	4,563
March	924	893	352	90	1,764	1,420	4,652	4,263
April	734	702	343	135	1,507	1,214	4,369	4,037
May	955	937	405	77	1,769	1,383	4,098	3,675
June	998	966	409	152	1,810	1,475	4,408	4,054
July	752	752	417	152	1,577	1,276	3,995	3,658
August	792	786	406	184	1,521	1,253	3,743	3,398
September	735	722	425	141	1,485	1,153	3,670	3,290
October	728	713	482	184	1,595	1,254	3,821	3,399
November	624	612	595	164	1,606	1,123	3,944	3,423
December	958	953	610	189	1,939	1,443	4,423	3,870
Average	857	841	481	156	1,749	1,361	4,300	3,864
1981								
January	908	901	549	126	1,908	1,412	4,127	3,600
February	866	847	463	134	1,827	1,430	3,891	3,406
March	771	771	360	134	1,514	1,245	3,425	3,118
April	812	812	237	128	1,378	1,201	3,245	3,042
May	664	664	331	161	1,407	1,166	3,203	2,909
June	528	522	248	126	1,219	1,033	2,922	2,657
July	651	626	466	173	1,476	1,104	3,233	2,775
August	321	296	523	201	1,304	880	3,070	2,565
September	323	303	359	170	1,202	940	3,264	2,900
October	412	412	389	131	1,400	1,084	3,220	2,788
November	517	505	535	171	1,460	1,024	3,184	2,659
December	684	684	411	106	1,627	1,280	3,129	2,682
Average	620	611	406	147	1,476	1,149	3,323	2,922
1982								
January	663	644	376	77	1,456	1,086	2,859	2,380
February	584	584	355	89	1,244	884	2,297	1,858
March	522	522	399	113	1,191	869	2,051	1,635
April	427	427	426	140	1,132	819	1,871	1,466
May	222	222	422	126	933	606	1,830	1,391
June	537	537	361	137	1,276	1,028	2,096	1,773
July	910	910	356	150	1,720	1,500	2,685	2,289
August	574	574	299	169	1,289	1,136	2,107	1,859
September	477	477	518	214	1,266	954	1,943	1,453
October	313	308	504	223	1,273	955	2,084	1,577
November	479	473	528	213	1,439	1,092	2,235	1,749
December	462	451	399	201	1,269	1,028	1,690	1,371
Average	514	510	412	155	1,291	998	2,146	1,734

See footnotes at end of table.

Table 3.3d Petroleum Imports, 1973-1992: Nigeria, Venezuela, Total Non-Arab OPEC, and Total OPEC (Continued)

(Thousand Barrels per Day)

	Non-Arab OPEC ^a				Total Non-Arab OPEC ^a		Total OPEC ^a	
	Nigeria		Venezuela		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil				
1983								
January	186	186	337	151	875	674	1,412	1,107
February	92	85	393	123	731	442	1,068	743
March	121	121	440	130	883	566	1,066	699
April	186	186	523	164	1,044	662	1,432	999
May	385	385	455	159	1,351	1,022	1,771	1,334
June	467	467	335	126	1,445	1,170	1,973	1,599
July	525	525	434	169	1,644	1,333	2,251	1,857
August	464	464	511	190	1,825	1,487	2,728	2,236
September	324	324	432	226	1,511	1,277	2,595	2,185
October	307	305	337	152	1,170	960	2,108	1,794
November	215	213	452	217	1,102	842	1,910	1,534
December	329	327	415	160	1,144	844	1,969	1,577
Average	302	301	422	164	1,231	944	1,862	1,477
1984								
January	243	243	549	188	1,123	707	1,965	1,371
February	244	239	478	211	1,145	843	1,896	1,388
March	269	251	358	240	1,088	883	1,811	1,454
April	288	278	593	277	1,227	831	1,962	1,410
May	289	275	627	351	1,531	1,176	2,677	2,097
June	243	233	640	294	1,389	975	2,227	1,620
July	204	196	539	272	1,295	965	2,241	1,740
August	114	108	475	199	1,016	688	2,009	1,472
September	160	140	715	300	1,315	825	2,002	1,275
October	208	197	585	259	1,308	937	2,062	1,566
November	163	163	564	265	1,286	958	1,954	1,414
December	166	159	459	183	1,042	750	1,765	1,318
Average	216	207	548	253	1,230	878	2,049	1,512
1985								
January	262	252	481	161	1,100	757	1,405	943
February	119	93	524	194	914	546	1,220	733
March	164	154	588	327	1,120	778	1,505	1,059
April	280	280	684	420	1,353	1,041	1,928	1,395
May	381	375	552	346	1,341	1,092	1,976	1,461
June	357	352	452	281	1,311	1,101	1,690	1,303
July	381	376	573	272	1,539	1,200	1,825	1,358
August	207	194	568	255	1,459	1,081	1,740	1,265
September	285	263	808	357	1,500	1,000	1,802	1,153
October	305	284	676	376	1,438	1,099	1,958	1,387
November	325	308	727	384	1,688	1,287	2,440	1,830
December	432	411	625	293	1,505	1,131	2,430	1,818
Average	293	280	605	306	1,358	1,012	1,830	1,312
1986								
January	278	273	629	236	1,322	875	2,298	1,627
February	204	199	518	200	1,050	714	1,807	1,308
March	328	323	797	351	1,347	865	2,145	1,477
April	319	311	831	426	1,518	1,061	2,576	1,892
May	398	398	899	487	1,783	1,326	2,749	2,029
June	382	382	772	438	1,633	1,258	3,010	2,205
July	542	542	730	401	1,950	1,575	3,307	2,462
August	606	606	916	537	2,007	1,613	3,346	2,501
September	684	678	856	542	1,995	1,647	3,383	2,697
October	530	530	863	440	1,890	1,436	3,276	2,556
November	483	477	843	509	1,793	1,417	3,088	2,369
December	511	511	841	414	1,753	1,277	2,976	2,176
Average	440	437	793	416	1,674	1,259	2,837	2,113
1987								
January	346	346	899	530	1,580	1,170	2,764	2,236
February	256	256	791	410	1,563	1,140	2,785	2,012
March	312	312	702	418	1,461	1,136	2,305	1,689
April	512	507	710	420	1,564	1,269	2,430	1,803
May	550	545	913	560	1,900	1,488	2,675	2,031
June	546	546	808	524	1,847	1,548	3,122	2,423
July	792	769	854	558	2,269	1,926	3,533	2,813
August	732	725	831	526	2,137	1,825	3,748	3,121
September	615	608	821	500	1,920	1,554	3,560	2,830
October	518	502	829	446	1,863	1,423	3,576	2,901
November	607	602	771	493	1,692	1,395	3,169	2,558
December	613	606	717	464	1,619	1,317	3,033	2,346
Average	535	529	804	488	1,787	1,435	3,060	2,400

See footnotes at end of table.

Table 3.3d Petroleum Imports, 1973-1992: Nigeria, Venezuela, Total Non-Arab OPEC, and Total OPEC (Continued)

(Thousand Barrels per Day)

	Non-Arab OPEC ^a				Total Non-Arab OPEC ^a		Total OPEC ^a	
	Nigeria		Venezuela		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil				
1988								
January	406	397	766	372	1,481	1,006	3,134	2,234
February	506	473	846	411	1,578	1,063	3,461	2,507
March	589	569	803	514	1,564	1,219	3,073	2,381
April	711	706	833	455	1,803	1,408	3,413	2,575
May	601	601	841	604	1,777	1,523	3,501	2,800
June	875	866	850	567	1,997	1,687	3,632	2,904
July	715	711	724	440	1,679	1,379	3,589	2,812
August	623	610	830	421	1,666	1,238	3,703	2,784
September	546	532	824	425	1,643	1,183	3,685	2,832
October	686	664	772	387	1,792	1,301	3,861	2,905
November	489	484	779	370	1,596	1,152	3,510	2,628
December	667	667	669	305	1,594	1,211	3,674	2,980
Average	618	607	794	439	1,681	1,281	3,520	2,696
1989								
January	782	782	941	470	1,993	1,498	4,212	3,361
February	567	559	775	368	1,719	1,249	3,845	3,015
March	702	696	909	468	1,888	1,366	3,693	2,856
April	750	722	831	424	1,897	1,426	3,927	3,115
May	789	789	853	509	2,048	1,686	4,025	3,303
June	864	841	778	486	1,943	1,619	4,106	3,500
July	1,094	1,085	794	447	2,130	1,764	4,437	3,746
August	946	932	834	486	2,078	1,683	4,531	3,784
September	867	836	914	568	2,041	1,636	4,236	3,510
October	713	694	1,004	592	2,056	1,571	4,177	3,390
November	770	757	924	549	2,096	1,674	4,353	3,565
December	915	886	903	561	2,206	1,777	4,111	3,338
Average	815	800	873	495	2,010	1,582	4,140	3,376
1990								
January	830	830	1,155	696	2,260	1,754	4,865	3,813
February	833	816	898	564	2,088	1,652	4,594	3,717
March	1,054	1,031	893	543	2,268	1,843	4,429	3,648
April	969	941	1,005	692	2,125	1,772	4,198	3,465
May	1,008	997	1,087	705	2,225	1,818	4,574	3,781
June	778	760	1,070	704	2,142	1,737	4,460	3,653
July	860	855	1,007	665	2,139	1,769	4,992	4,246
August	881	881	1,014	617	2,164	1,741	4,921	4,046
September	755	743	1,062	740	2,029	1,690	3,944	3,277
October	557	536	982	717	1,725	1,434	3,517	2,921
November	574	555	1,142	725	1,871	1,435	3,629	2,912
December	499	461	975	616	1,585	1,155	3,428	2,678
Average	800	784	1,025	666	2,052	1,650	4,296	3,514
1991								
January	504	481	1,005	673	1,637	1,271	3,898	3,101
February	721	717	959	686	2,003	1,705	3,815	3,264
March	531	531	998	631	1,718	1,342	3,623	3,033
April	677	649	845	470	1,698	1,283	3,744	3,059
May	860	838	997	581	2,158	1,715	4,724	3,839
June	832	827	1,135	705	2,354	1,915	4,498	3,747
July	833	817	1,102	683	2,304	1,855	4,232	3,525
August	1,016	983	1,070	701	2,394	1,966	4,602	3,946
September	489	467	1,163	790	2,009	1,589	3,956	3,204
October	651	623	1,087	777	2,067	1,694	4,023	3,343
November	704	674	1,065	671	2,099	1,644	4,171	3,328
December	617	593	987	655	1,899	1,496	3,791	3,116
Average	703	683	1,035	668	2,028	1,622	4,092	3,377
1992								
January	593	566	1,119	787	1,984	1,617	4,224	3,554
February	322	303	1,028	655	1,555	1,150	3,549	2,895
March	441	409	1,106	793	1,684	1,336	3,606	2,941
April	798	788	1,079	722	2,169	1,791	4,085	3,334
May	773	773	1,038	745	2,152	1,837	4,118	3,428
June	740	740	1,059	738	2,141	1,809	4,029	3,430
July	900	883	1,163	912	2,382	2,114	4,339	3,772
August	815	795	1,102	841	2,215	1,922	4,144	3,473
September	774	754	1,333	953	2,426	2,001	4,274	3,531
October	827	813	1,497	1,073	2,587	2,133	4,507	3,732
November	626	608	1,343	921	2,173	1,719	4,086	3,376
December	549	532	1,164	763	1,917	1,499	4,105	3,381
Average	681	665	1,170	826	2,117	1,746	4,092	3,406

^a Excludes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b The annual value is not an average of the monthly values. See Note 6 at end of section.

E=Estimate; see Note 6 at end of section. A=Adjusted data; see Note 6 at

end of section.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3e Petroleum Imports, 1973-1992: Angola, Australia, Bahama Islands, Brazil, Canada, and China

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Angola		Australia		Bahama Islands		Brazil		Canada		China	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1973												
January	38	38	E 1	0	E 165	0	E 11	0	E 1,370	1,046	0	0
February	10	10	E 2	0	E 218	0	E 15	0	E 1,429	1,091	0	0
March	42	42	E 2	0	E 205	0	E 14	0	E 1,431	1,093	0	0
April	34	34	E 1	0	E 177	0	E 16	0	E 1,512	1,147	0	0
May	32	32	E 1	0	E 172	0	E 15	0	E 1,322	1,003	0	0
June	34	34	E 1	0	E 178	0	E 16	0	E 1,268	962	0	0
July	E 61	60	E 3	0	E 141	0	E 4	0	E 1,231	959	E (s)	0
August	E 83	80	E 4	0	E 162	0	E 5	0	E 1,245	970	E (s)	0
September	E 21	21	E 4	0	E 159	0	E 5	0	E 1,281	998	E (s)	0
October	94	94	E 1	0	E 136	0	E 2	0	E 1,284	961	E (s)	0
November	86	86	E 1	0	E 176	0	E 2	0	E 1,278	956	E (s)	0
December	49	49	E 1	0	E 166	0	E 2	0	E 1,117	836	E (s)	0
Average	49	49	2	0	b 174	0	9	0	b 1,325	1,001	(s)	0
1974												
January	52	52	0	0	E 168	0	0	0	E 1,198	868	0	0
February	14	14	0	0	E 173	0	0	0	E 1,134	821	0	0
March	8	8	0	0	E 146	0	0	0	E 1,132	820	0	0
April	E 85	84	0	0	E 170	0	E 5	0	E 1,205	892	0	0
May	E 51	51	0	0	E 167	0	E 5	0	E 1,242	920	0	0
June	E 63	62	0	0	E 151	0	E 5	0	E 942	697	0	0
July	E 65	60	E 2	0	E 172	0	0	0	E 939	711	0	0
August	E 54	50	E 2	0	E 172	0	0	0	E 986	746	0	0
September	E 45	42	E 1	0	E 150	0	0	0	E 998	756	0	0
October	51	51	E 1	0	E 124	0	E 3	0	E 981	731	0	0
November	34	34	E 2	0	E 160	0	E 3	0	E 964	718	0	0
December	68	68	E 2	0	E 161	0	E 3	0	E 1,091	813	0	0
Average	49	48	1	0	b 164	0	2	0	b 1,070	791	0	0
1975												
January	E 94	86	E 2	0	E 241	0	E 13	0	E 959	690	0	0
February	E 65	60	E 1	0	E 199	0	E 11	0	E 883	635	0	0
March	E 40	36	E 1	0	E 152	0	E 8	0	E 711	511	0	0
April	95	90	3	0	169	0	6	0	704	458	0	0
May	92	92	0	0	122	0	11	0	574	394	0	0
June	53	53	2	0	130	0	0	0	873	647	0	0
July	90	86	4	0	178	0	1	0	889	632	0	0
August	114	114	7	0	136	0	0	0	888	657	0	0
September	87	87	12	0	144	0	7	0	918	645	0	0
October	68	56	6	0	136	0	7	0	946	674	0	0
November	33	33	16	0	89	0	0	0	893	630	0	0
December	62	62	7	0	120	0	0	0	907	637	0	0
Average	b 75	71	5	0	b 152	0	5	0	b 846	600	0	0
1976												
January	33	33	0	0	137	0	0	0	682	423	0	0
February	9	0	0	0	128	0	0	0	645	345	0	0
March	0	0	0	0	90	0	0	0	590	382	0	0
April	11	0	0	0	132	0	0	0	578	352	0	0
May	6	0	0	0	95	0	0	0	615	412	0	0
June	46	46	0	0	104	0	0	0	653	432	0	0
July	5	0	7	0	113	0	0	0	582	352	0	0
August	6	0	11	0	99	0	0	0	581	376	0	0
September	8	0	0	0	143	0	0	0	565	383	0	0
October	8	0	1	0	78	0	0	0	562	373	0	0
November	0	0	0	0	140	0	0	0	562	312	0	0
December	8	0	1	0	142	0	0	0	578	304	0	0
Average	12	7	2	0	b 118	0	0	0	599	371	0	0
1977												
January	15	0	12	0	170	0	0	0	515	269	0	0
February	28	28	(s)	0	303	0	0	0	607	282	0	0
March	0	0	6	0	206	0	0	0	565	302	0	0
April	8	0	9	0	141	0	0	0	507	313	0	0
May	8	0	0	0	139	0	0	0	438	248	0	0
June	36	28	0	0	138	0	0	0	494	268	0	0
July	8	0	0	0	178	0	0	0	483	246	0	0
August	29	22	2	0	169	0	0	0	502	262	0	0
September	32	23	0	0	140	0	0	0	529	292	0	0
October	24	24	5	0	122	0	0	0	481	271	0	0
November	48	41	(s)	0	184	0	0	0	509	292	0	0
December	47	39	1	0	167	0	0	0	580	303	0	0
Average	24	17	3	0	171	0	0	0	517	279	0	0

See footnotes at end of table.

Table 3.3e Petroleum Imports, 1973-1992: Angola, Australia, Bahama Islands, Brazil, Canada, and China (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Angola		Australia		Bahama Islands		Brazil		Canada		China	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1978												
January	45	38	0	0	168	0	0	0	474	239	0	0
February	34	26	6	0	218	0	0	0	499	260	0	0
March	21	13	1	0	212	0	0	0	435	257	0	0
April	85	0	0	0	141	0	0	0	395	233	0	0
May	8	0	3	0	194	0	0	0	390	207	0	0
June	5	0	0	0	145	0	0	0	469	242	0	0
July	11	0	5	0	166	0	0	0	532	238	0	0
August	0	0	9	0	188	0	0	0	418	235	0	0
September	11	0	0	0	120	0	0	0	427	227	0	0
October	0	0	4	0	106	0	0	0	426	252	0	0
November	0	0	38	0	154	0	0	0	481	277	0	0
December	15	0	0	0	112	0	0	0	651	309	0	0
Average	^b 20	6	5	0	160	0	0	0	^b 467	248	0	0
1979												
January	17	6	33	0	159	0	0	0	564	268	15	15
February	51	51	8	0	106	0	0	0	561	319	10	10
March	25	16	11	0	94	0	0	0	616	311	25	25
April	85	73	1	0	129	0	0	0	578	334	18	18
May	24	18	0	0	135	0	0	0	557	249	0	0
June	54	42	1	0	139	0	0	0	469	238	25	25
July	71	71	2	0	200	0	0	0	490	220	0	0
August	75	75	12	0	157	0	0	0	464	260	0	0
September	24	24	1	0	149	0	0	0	464	228	20	20
October	8	8	1	0	151	0	0	0	487	232	9	9
November	42	42	1	0	169	0	0	0	583	292	15	15
December	39	39	0	0	178	0	8	0	619	312	25	25
Average	43	39	6	0	147	0	1	0	538	271	13	13
1980												
January	39	28	1	0	175	0	0	0	^c 569	283	0	0
February	67	59	0	0	111	0	0	0	540	260	0	0
March	34	27	1	0	124	0	8	0	460	199	0	0
April	75	63	1	0	56	0	0	0	459	222	0	0
May	62	62	1	0	77	0	0	0	419	206	0	0
June	32	32	1	0	77	0	0	0	409	186	0	0
July	20	20	1	0	43	0	9	0	^c 379	158	0	0
August	33	22	2	0	62	0	0	0	319	160	0	0
September	37	37	1	0	58	0	10	0	458	184	1	0
October	45	45	1	0	70	0	12	12	475	157	0	0
November	35	24	0	0	22	0	0	0	470	181	0	0
December	22	22	0	0	54	0	0	0	502	201	0	0
Average	42	37	1	0	78	0	3	1	455	199	(s)	0
1981												
January	57	46	3	0	39	0	14	14	543	199	5	0
February	62	62	0	0	84	0	26	13	546	199	0	0
March	23	23	8	0	74	0	13	12	472	176	17	0
April	23	23	0	0	68	0	12	12	412	141	12	0
May	51	45	11	0	122	0	13	12	365	130	12	0
June	36	36	0	0	51	0	1	0	353	121	28	0
July	34	34	(s)	0	77	0	46	42	382	132	22	0
August	45	45	1	0	69	0	20	12	378	153	28	0
September	81	72	(s)	0	111	0	23	13	423	164	27	0
October	74	64	33	0	63	0	23	12	449	173	20	0
November	26	17	0	0	63	0	14	13	547	184	21	0
December	77	77	0	0	70	0	74	14	501	199	25	0
Average	49	45	5	0	74	0	23	14	447	164	18	0
1982												
January	69	69	1	0	58	0	11	0	513	195	16	0
February	40	40	(s)	(s)	67	0	61	14	537	193	20	0
March	20	20	(s)	0	43	0	25	11	437	168	21	0
April	16	16	10	0	82	0	42	26	360	178	40	0
May	31	31	0	0	77	0	31	15	419	188	38	0
June	48	48	9	0	32	0	45	14	481	200	47	17
July	73	73	12	0	64	0	38	14	536	249	83	36
August	45	45	7	0	80	0	57	12	443	243	48	11
September	65	56	(s)	0	92	0	48	13	493	244	34	0
October	68	60	11	0	45	0	84	54	459	214	48	10
November	44	44	(s)	0	51	0	93	40	553	244	63	20
December	13	0	9	0	88	0	32	12	561	248	24	0
Average	44	42	5	(s)	65	0	47	19	482	214	40	8

See footnotes at end of table.

Table 3.3e Petroleum Imports, 1973-1992: Angola, Australia, Bahama Islands, Brazil, Canada, and China (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Angola		Australia		Bahama Islands		Brazil		Canada		China	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983												
January	54	54	3	0	68	0	43	12	534	271	24	0
February	23	12	9	0	92	0	28	0	586	229	25	0
March	67	67	(s)	0	86	0	47	0	488	247	33	0
April	102	102	(s)	0	174	0	31	0	454	246	30	0
May	81	70	8	0	135	0	67	0	518	226	42	0
June	86	75	(s)	0	137	0	29	8	586	286	35	0
July	112	103	0	0	69	0	43	0	634	330	32	0
August	90	71	9	0	144	0	54	0	542	301	26	0
September	106	97	1	0	148	0	69	0	533	271	26	0
October	46	36	0	0	171	0	8	0	532	279	81	50
November	91	91	0	0	148	0	24	0	556	304	16	0
December	77	67	18	0	127	0	45	0	604	299	33	18
Average	78	71	4	0	125	0	41	2	547	274	34	6
1984												
January	84	84	18	0	159	0	41	0	635	293	47	20
February	60	51	25	23	156	0	28	0	620	297	18	(s)
March	125	116	10	0	90	0	61	0	694	357	36	1
April	93	93	23	20	95	0	60	(s)	705	429	40	12
May	63	63	36	30	31	0	46	0	722	377	39	0
June	116	116	29	20	52	0	93	0	506	274	51	21
July	68	68	51	25	14	0	62	0	577	291	60	22
August	119	111	17	0	57	0	53	0	547	298	59	20
September	91	91	5	0	98	0	56	0	550	319	57	11
October	116	105	83	71	151	0	62	(s)	682	377	65	31
November	86	63	77	58	88	0	76	0	640	376	40	21
December	60	60	75	53	75	0	86	0	675	398	39	24
Average	90	85	38	25	88	0	60	(s)	630	341	46	15
1985												
January	39	39	41	23	92	0	65	0	616	342	29	19
February	108	83	41	24	37	0	56	0	730	438	24	0
March	73	73	24	0	36	0	36	0	909	545	36	0
April	140	140	23	8	4	0	68	0	890	556	79	48
May	115	105	53	39	74	0	51	0	823	506	60	36
June	120	120	67	54	24	0	68	0	720	455	22	12
July	122	122	20	0	38	0	44	0	610	385	62	46
August	121	121	13	0	11	0	105	0	664	408	71	45
September	116	105	43	34	47	0	60	0	783	518	75	47
October	95	83	26	22	35	0	62	0	825	480	35	24
November	134	134	53	34	22	0	78	0	766	443	100	66
December	135	123	36	13	54	0	37	0	902	540	111	82
Average	110	104	37	21	40	0	61	0	770	468	59	36
1986												
January	66	55	25	15	62	0	23	0	823	501	67	43
February	102	87	31	29	33	0	35	0	690	479	85	67
March	48	48	33	21	18	0	49	0	750	515	109	94
April	89	89	17	16	34	0	50	0	798	581	82	49
May	162	151	13	10	32	0	33	0	881	674	124	76
June	90	78	25	0	29	0	56	0	753	576	75	52
July	81	81	33	21	44	0	40	0	763	562	112	99
August	120	102	6	0	39	0	52	0	801	571	82	62
September	198	187	30	22	15	0	75	0	801	573	107	79
October	99	70	52	37	38	0	74	0	842	592	65	47
November	134	134	83	70	39	0	70	0	960	633	87	73
December	156	138	146	120	57	0	43	0	809	581	89	72
Average	112	102	41	30	37	0	50	0	807	570	90	68
1987												
January	89	76	124	108	59	0	54	0	799	562	102	86
February	108	84	11	0	56	0	76	0	783	547	60	51
March	202	190	70	69	43	0	67	0	738	526	38	23
April	170	158	31	27	43	0	92	0	818	614	65	46
May	138	126	77	51	31	0	77	0	884	673	86	70
June	193	180	24	20	22	0	62	0	912	680	116	103
July	247	236	28	28	46	0	93	0	901	672	102	70
August	263	250	84	74	27	0	104	0	841	613	93	70
September	195	184	138	115	48	0	113	0	846	609	85	47
October	133	123	18	13	26	0	72	0	938	638	87	63
November	288	281	34	33	31	0	106	0	827	574	93	75
December	276	265	54	47	10	0	92	0	883	585	59	49
Average	192	180	58	49	37	0	84	0	848	608	82	63

See footnotes at end of table.

Table 3.3e Petroleum Imports, 1973-1992: Angola, Australia, Bahama Islands, Brazil, Canada, and China (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Angola		Australia		Bahama Islands		Brazil		Canada		China	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1988												
January	204	193	111	111	51	0	108	0	959	633	104	104
February	162	149	77	75	79	0	106	0	1,033	679	121	111
March	209	187	77	71	47	0	77	0	1,002	666	50	49
April	194	194	36	28	26	0	114	0	985	703	94	87
May	285	274	69	60	24	0	88	0	1,001	705	92	85
June	158	148	64	64	15	0	107	0	1,032	744	94	85
July	258	258	61	53	15	0	109	0	972	688	85	70
August	214	214	66	66	12	0	105	0	1,009	708	64	64
September	249	237	85	78	37	0	94	0	936	626	81	64
October	256	254	28	28	13	0	127	0	996	654	120	120
November	212	191	83	79	27	0	70	0	1,080	707	54	54
December	134	134	7	0	40	0	74	0	990	655	96	96
Average	212	203	64	59	32	0	98	0	999	681	88	82
1989												
January	160	160	19	19	53	0	93	0	1,065	696	38	38
February	249	237	32	27	24	0	131	0	1,007	639	32	26
March	295	285	16	0	41	0	119	0	961	633	25	24
April	256	256	43	41	55	0	76	0	877	599	97	83
May	294	294	12	12	29	0	65	0	901	647	125	119
June	256	245	31	31	28	0	92	0	921	673	66	60
July	305	305	20	20	32	0	80	0	849	596	150	135
August	317	306	39	30	19	0	67	0	911	616	68	67
September	321	321	59	45	8	0	73	0	949	668	87	87
October	335	335	58	53	44	0	66	0	857	590	85	84
November	378	368	76	76	41	0	86	0	911	594	94	94
December	238	238	23	16	29	0	39	0	973	613	90	90
Average	284	279	36	31	34	0	82	0	931	630	80	76
1990												
January	262	262	41	41	80	0	48	0	982	605	121	121
February	346	346	58	55	78	0	45	0	946	585	53	51
March	296	296	41	41	35	0	8	0	850	583	83	83
April	281	281	25	20	51	0	40	0	925	617	80	74
May	235	235	69	69	29	0	114	0	981	654	66	65
June	260	260	44	44	36	0	82	0	942	699	49	43
July	303	303	126	101	25	0	93	0	899	659	132	122
August	134	134	56	33	40	0	45	0	952	676	79	77
September	135	123	57	45	45	0	8	0	924	632	47	42
October	139	139	31	31	9	0	12	0	917	636	85	85
November	238	238	28	28	0	0	74	0	902	645	113	113
December	224	224	64	60	13	0	16	0	987	713	47	47
Average	237	236	53	47	37	0	49	0	934	643	80	77
1991												
January	232	232	21	21	25	0	31	0	978	718	68	63
February	202	202	0	0	14	0	13	0	1,135	881	102	96
March	186	186	0	0	0	0	0	0	1,058	764	96	96
April	337	337	55	55	35	0	17	0	1,103	768	113	113
May	220	220	64	57	42	0	31	0	1,027	752	119	113
June	205	205	43	31	30	0	41	0	986	705	144	139
July	264	264	20	20	19	0	21	0	848	615	88	88
August	298	298	37	22	78	0	27	0	1,011	694	85	75
September	230	230	24	24	29	0	19	0	1,137	849	91	86
October	300	300	13	0	51	0	16	0	936	639	29	24
November	213	213	25	13	46	0	45	0	1,107	796	96	96
December	359	359	13	13	53	0	8	0	1,083	759	65	65
Average	254	254	26	21	35	0	22	0	1,033	743	91	87
1992												
January	360	360	11	11	63	0	18	0	1,045	786	144	144
February	246	246	10	10	47	0	12	0	1,147	834	80	69
March	339	339	0	0	76	0	(s)	0	1,100	832	75	75
April	381	381	39	22	67	0	17	0	1,121	835	86	69
May	264	264	0	0	46	0	18	0	1,013	779	129	114
June	286	286	21	21	57	0	28	0	970	736	110	95
July	443	443	20	20	22	0	25	0	1,044	798	68	64
August	335	323	21	21	8	0	10	0	1,038	762	66	66
September	248	248	0	0	8	0	21	0	1,131	839	80	75
October	395	395	11	11	1	0	10	0	1,063	761	61	61
November	458	458	53	49	20	0	32	0	1,037	784	86	86
December	279	279	38	38	19	0	50	0	1,122	816	97	90
Average	336	336	19	17	36	0	20	0	1,069	797	90	84

^a Includes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b The annual value is not an average of the monthly values. See Note 6 at end of section.

^c See Note 7 at end of section.

E=Estimate; see Note 6 at end of section. A=Adjusted data; see Note 6 at end of section. (s)=Less than 500 barrels per day.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3f Petroleum Imports, 1973-1992: Colombia, Italy, Malaysia, Mexico, and Netherlands

(Thousand Barrels per Day)

	Non-OPEC ^a									
	Colombia		Italy		Malaysia		Mexico		Netherlands	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1973										
January	E 30	9	E 97	0	E 0	0	E 17	0	E 75	0
February	E 0	0	E 129	0	E 57	8	E 22	0	E 99	0
March	E 25	7	E 121	0	E 0	0	E 21	0	E 93	0
April	E 4	0	E 114	0	E 7	0	E 54	8	E 11	0
May	E 4	0	E 111	0	E 7	0	E 0	0	E 11	0
June	E 4	0	E 115	0	E 7	0	E 0	0	E 11	0
July	E 4	0	E 122	0	E 10	0	E 0	0	E 27	0
August	E 4	0	E 140	0	E 11	0	E 0	0	E 32	0
September	E 4	0	E 138	0	E 11	0	E 21	8	E 31	0
October	E 0	0	E 110	0	E 15	0	E 49	(s)	E 67	0
November	E 0	0	E 142	0	E 19	0	E 0	0	E 87	0
December	E 26	9	E 134	0	E 18	0	E 0	0	E 82	0
Average	9	2	b 125	0	b 12	1	b 16	1	b 53	0
1974										
January	E 3	0	E 106	0	E 17	0	E 17	0	E 76	0
February	E 3	0	E 109	0	E 18	0	E 17	0	E 78	0
March	E 3	0	E 92	0	E 15	0	E 15	0	E 66	0
April	E 11	0	E 89	0	E 11	0	E 2	0	E 50	0
May	E 10	0	E 87	0	E 11	0	E 2	0	E 49	0
June	E 9	0	E 78	0	E 10	0	E 2	0	E 44	0
July	E 6	0	E 64	0	E 7	0	E 6	0	E 21	0
August	E 6	0	E 64	0	E 7	0	E 6	0	E 21	0
September	E 5	0	E 56	0	E 6	0	E 5	0	E 19	0
October	E (s)	0	E 37	0	E 17	7	E 0	0	E 27	0
November	E 1	0	E 48	0	E 15	6	E 23	15	E 34	0
December	E 1	0	E 48	0	E 8	3	E 7	5	E 35	0
Average	5	0	b 74	0	12	1	8	2	43	0
1975										
January	E 14	0	E 33	0	E 8	4	E 17	16	E 12	0
February	E 11	0	E 27	0	E 19	8	E 48	46	E 10	0
March	E 9	0	E 21	0	E 22	9	E 39	38	E 8	0
April	5	0	10	0	7	7	37	37	22	17
May	7	0	2	0	4	4	86	82	(s)	0
June	12	0	11	0	4	4	72	72	0	0
July	8	0	14	0	4	4	85	85	18	0
August	(s)	0	33	0	4	4	71	71	9	0
September	9	0	73	0	12	4	98	98	19	0
October	16	0	49	0	4	4	105	105	59	17
November	14	0	16	0	7	7	107	107	49	16
December	3	0	21	0	7	7	85	85	16	0
Average	9	0	b 27	0	8	5	71	70	b 19	4
1976										
January	13	0	36	0	0	0	59	59	1	0
February	15	0	16	0	0	0	70	70	10	0
March	8	0	24	0	20	20	108	108	19	0
April	15	4	47	0	7	7	112	106	20	0
May	25	0	45	0	8	8	89	89	1	0
June	14	0	81	0	8	8	80	79	7	0
July	52	36	53	0	7	7	79	79	11	0
August	25	9	28	0	16	16	88	88	8	0
September	28	15	61	0	29	29	85	84	8	0
October	11	0	11	0	32	24	79	79	2	0
November	19	0	17	0	41	41	132	132	0	0
December	24	2	33	0	49	34	66	65	3	0
Average	21	6	b 39	0	18	16	87	87	8	0
1977										
January	18	0	27	0	63	54	98	98	30	0
February	14	0	63	0	82	71	168	165	109	0
March	0	0	128	0	52	44	172	171	80	0
April	15	0	95	0	76	61	155	145	34	0
May	15	0	52	0	103	75	174	174	15	11
June	14	0	47	0	63	60	181	169	8	0
July	19	0	51	0	40	39	159	159	23	9
August	17	0	37	0	83	69	215	215	41	9
September	27	0	43	0	57	48	168	168	23	21
October	6	0	20	0	52	39	247	247	5	0
November	25	0	34	0	64	64	231	231	1	0
December	32	0	20	0	56	43	187	187	6	0
Average	17	0	51	0	66	55	179	177	31	4

See footnotes at end of table.

Table 3.3f Petroleum Imports, 1973-1992: Colombia, Italy, Malaysia, Mexico, and Netherlands (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a									
	Colombia		Italy		Malaysia		Mexico		Netherlands	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1978										
January	26	0	24	0	36	36	236	236	1	0
February	14	0	9	0	46	31	211	204	0	0
March	33	0	18	0	40	40	231	231	(s)	0
April	34	0	41	0	38	23	231	226	(s)	0
May	26	0	56	0	31	25	258	258	0	0
June	20	0	34	0	50	42	287	287	(s)	0
July	20	0	38	0	56	53	309	309	0	0
August	4	0	34	0	36	33	393	393	13	0
September	13	0	85	0	45	43	461	461	0	12
October	29	0	40	0	35	30	392	392	22	15
November	23	0	54	0	52	51	402	402	5	0
December	12	0	16	0	43	41	396	390	0	0
Average	^b 20	0	^b 38	0	42	37	318	316	^b 5	2
1979										
January	14	0	50	0	92	53	595	595	13	10
February	0	0	15	0	70	43	415	415	78	68
March	29	0	52	0	86	77	397	397	28	0
April	34	0	24	0	35	29	302	300	1	0
May	15	0	29	0	69	57	403	403	1	0
June	17	0	53	0	57	48	458	455	17	4
July	23	0	29	0	79	75	407	404	32	0
August	28	0	2	0	46	33	439	437	10	0
September	9	0	9	0	65	53	431	431	3	0
October	29	0	6	0	65	49	531	526	14	0
November	7	0	17	0	67	57	429	426	27	0
December	15	0	51	0	56	47	454	451	30	11
Average	18	0	^b 30	0	66	52	439	437	^b 23	7
1980										
January	0	0	7	0	62	50	545	535	1	0
February	0	0	22	0	87	76	477	447	(s)	0
March	0	0	13	0	66	52	460	458	(s)	0
April	0	0	11	0	102	83	546	542	0	0
May	0	0	1	0	63	51	576	547	0	0
June	0	0	0	0	67	58	627	579	0	0
July	0	0	0	0	46	40	460	454	0	0
August	0	0	0	0	96	90	646	578	0	0
September	24	0	0	0	76	68	550	512	11	0
October	16	0	0	0	53	50	605	604	7	0
November	7	0	0	0	78	69	459	443	1	1
December	0	0	0	0	52	45	445	382	0	0
Average	4	0	4	0	70	61	533	507	2	(s)
1981										
January	13	0	17	0	52	46	401	378	12	0
February	0	0	14	0	35	32	437	419	14	0
March	3	0	0	0	20	17	488	470	44	0
April	0	0	13	0	53	48	418	398	53	(s)
May	0	0	(s)	0	32	29	522	490	37	0
June	(s)	0	15	0	82	82	538	496	76	0
July	0	0	10	0	45	45	384	342	46	0
August	0	0	9	0	25	25	489	397	12	0
September	0	0	11	0	19	15	708	562	22	0
October	0	0	24	0	41	37	669	591	(s)	0
November	0	0	15	0	10	10	628	583	15	0
December	0	0	7	0	18	14	587	509	27	0
Average	1	0	11	0	36	33	522	469	30	(s)
1982										
January	0	0	9	0	27	27	425	355	16	0
February	0	0	17	0	17	17	476	383	12	0
March	0	0	15	0	46	46	503	475	38	(s)
April	12	0	51	0	18	18	476	425	31	(s)
May	11	0	8	0	13	10	766	755	26	0
June	0	0	15	0	22	21	797	739	18	0
July	0	0	3	0	63	63	783	744	32	0
August	9	0	16	(s)	13	13	853	831	55	0
September	0	0	16	0	0	0	897	817	31	(s)
October	11	0	15	0	0	0	682	669	58	0
November	22	0	40	0	0	0	860	836	49	0
December	0	0	10	0	20	0	689	688	49	0
Average	5	0	18	(s)	20	18	685	645	35	(s)

See footnotes at end of table.

Table 3.3f Petroleum Imports, 1973-1992: Colombia, Italy, Malaysia, Mexico, and Netherlands (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a									
	Colombia		Italy		Malaysia		Mexico		Netherlands	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983										
January	(s)	0	2	0	21	15	849	782	67	33
February	0	0	7	0	0	0	722	663	18	0
March	0	0	3	0	0	0	775	758	39	0
April	9	0	16	0	0	0	981	950	77	0
May	1	0	17	0	0	0	944	911	52	0
June	11	0	19	(s)	(s)	0	830	786	76	0
July	30	0	26	0	4	0	849	810	71	0
August	1	0	16	0	15	15	906	841	94	0
September	21	0	20	0	5	0	849	776	97	0
October	11	0	24	0	3	0	771	696	108	0
November	21	0	35	0	0	0	726	645	44	(s)
December	18	0	30	(s)	0	0	710	572	38	0
Average	10	0	18	(s)	4	3	826	766	65	3
1984										
January	1	0	48	0	4	0	710	633	22	0
February	26	0	85	0	0	0	748	655	241	19
March	11	0	52	(s)	3	0	716	657	79	16
April	0	0	35	(s)	1	0	869	778	54	0
May	11	0	50	0	(s)	0	676	618	39	0
June	5	0	41	0	5	0	754	667	44	(s)
July	32	0	28	0	0	0	740	658	67	0
August	0	0	41	0	0	0	640	576	20	0
September	0	0	41	(s)	0	0	780	690	18	(s)
October	(s)	0	47	0	0	0	827	694	71	0
November	0	0	19	0	0	0	841	685	75	(s)
December	6	0	51	(s)	0	0	686	596	52	0
Average	8	0	45	(s)	1	0	748	659	65	3
1985										
January	8	0	20	(s)	0	0	767	679	26	0
February	8	0	50	0	0	0	652	520	47	0
March	9	0	76	0	0	0	923	767	111	0
April	16	0	69	0	0	0	950	833	93	0
May	45	0	77	0	15	0	929	831	52	0
June	37	0	65	0	0	0	726	553	70	0
July	8	0	53	0	1	0	814	706	54	0
August	21	0	46	0	3	0	859	752	31	0
September	43	0	38	0	8	0	852	823	40	0
October	12	0	84	0	10	10	745	669	51	0
November	27	0	69	0	0	0	887	806	40	0
December	36	0	76	0	0	0	676	630	82	0
Average	23	0	60	(s)	3	1	816	715	58	0
1986										
January	10	0	74	0	21	20	681	595	44	0
February	23	0	78	0	20	20	557	477	68	0
March	16	0	106	0	0	0	616	524	28	0
April	43	14	61	0	27	22	694	597	18	0
May	122	81	106	0	8	8	743	679	106	0
June	126	104	63	0	8	8	884	816	82	0
July	114	97	87	0	0	0	850	760	60	0
August	119	67	70	0	13	13	738	653	36	0
September	102	62	83	0	0	0	615	561	49	0
October	99	65	49	0	45	37	680	589	55	0
November	125	105	57	0	0	0	565	513	34	0
December	141	83	75	0	0	0	746	670	67	0
Average	87	57	76	0	12	11	699	621	54	0
1987										
January	176	115	60	0	21	21	689	620	95	0
February	119	107	34	0	0	0	692	602	34	0
March	131	82	61	0	30	30	721	658	69	0
April	156	112	11	0	0	0	679	627	72	0
May	102	74	52	0	4	0	541	517	9	0
June	144	95	40	7	0	0	664	620	49	0
July	137	101	62	0	11	11	680	611	81	0
August	179	143	68	0	0	0	577	539	20	0
September	157	99	33	0	22	22	705	660	43	0
October	140	140	67	0	9	9	697	623	42	0
November	194	164	60	0	16	16	627	591	137	0
December	142	142	96	0	36	36	591	552	75	0
Average	148	115	54	1	13	12	655	602	60	0

See footnotes at end of table.

Table 3.3f Petroleum Imports, 1973-1992: Colombia, Italy, Malaysia, Mexico, and Netherlands (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a									
	Colombia		Italy		Malaysia		Mexico		Netherlands	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1988										
January	168	137	111	9	31	27	808	729	96	0
February	67	0	61	0	10	10	710	620	82	0
March	203	160	111	20	0	0	745	709	66	0
April	155	145	72	12	9	9	678	575	5	0
May	135	119	53	0	0	0	722	662	49	0
June	37	33	41	11	21	21	766	726	53	0
July	105	74	49	0	20	20	723	655	105	0
August	79	50	38	0	18	18	704	615	58	0
September	151	125	51	0	11	9	843	746	11	0
October	160	132	61	10	19	19	743	670	40	0
November	145	113	61	0	76	76	811	723	77	0
December	201	169	69	0	17	17	711	653	87	0
Average	134	106	65	5	19	19	747	674	61	0
1989										
January	261	204	19	0	62	62	809	748	57	0
February	146	105	77	12	10	10	756	706	153	0
March	185	146	59	0	15	15	667	621	30	0
April	168	140	9	0	47	47	1,002	941	48	0
May	122	68	26	10	22	22	808	764	31	0
June	139	113	33	0	110	110	688	639	46	0
July	108	71	1	0	16	16	758	708	34	0
August	191	159	30	14	13	13	806	765	32	0
September	163	146	22	0	10	10	721	659	54	0
October	147	116	74	0	28	28	837	760	43	0
November	227	188	42	0	97	97	743	715	33	0
December	199	173	19	0	33	33	610	566	37	0
Average	172	136	34	3	39	39	767	716	49	0
1990										
January	188	146	124	0	14	14	776	691	129	0
February	203	168	76	0	42	38	725	669	80	0
March	177	146	47	0	28	28	815	757	21	0
April	198	143	53	0	38	38	466	414	47	0
May	220	175	101	10	0	0	788	688	63	0
June	180	117	95	0	9	9	912	815	92	0
July	169	111	56	11	20	20	706	651	54	0
August	203	132	43	0	142	142	773	676	39	0
September	97	84	38	0	105	105	871	807	20	0
October	183	159	21	0	78	78	828	793	37	0
November	209	177	32	0	8	8	761	706	49	0
December	161	121	13	0	6	6	637	595	28	0
Average	182	140	58	2	41	40	755	689	55	0
1991										
January	194	174	25	0	0	0	798	778	6	0
February	151	98	42	13	9	9	742	693	17	0
March	157	127	29	0	21	21	795	772	33	0
April	163	131	41	12	0	0	891	819	35	0
May	163	112	60	0	66	66	757	736	45	0
June	169	124	46	0	63	63	919	872	49	0
July	163	111	54	0	9	9	835	748	47	0
August	219	162	57	11	14	14	878	797	30	0
September	168	103	89	0	10	10	805	768	44	0
October	128	80	41	0	64	64	811	754	16	0
November	145	135	15	0	10	10	716	656	24	0
December	138	117	61	0	14	14	732	708	4	0
Average	163	123	47	3	24	24	807	759	29	0
1992										
January	158	111	51	0	0	0	764	721	31	0
February	114	92	48	0	0	0	838	807	9	0
March	101	74	44	0	0	0	846	809	34	0
April	150	129	75	0	0	0	857	795	8	0
May	57	46	57	0	5	5	788	764	27	0
June	135	114	69	0	8	8	905	883	25	0
July	103	93	36	0	40	40	830	788	21	0
August	156	142	94	0	22	22	857	790	45	0
September	190	179	81	0	17	17	755	720	39	0
October	153	132	37	0	17	17	829	783	18	0
November	127	84	33	0	8	8	762	700	26	0
December	66	34	37	0	4	4	930	888	33	0
Average	126	102	55	0	10	10	830	787	26	0

^a Includes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b The annual value is not an average of the monthly values. See Note 6 at end of section.

E=Estimate; see Note 6 at end of section. (s)=Less than 500 barrels per day.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3g Petroleum Imports, 1973-1992: Netherlands Antilles, Norway, Puerto Rico, Russia, Spain, and Trinidad and Tobago

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Netherlands Antilles		Norway		Puerto Rico		Russia ^b		Spain		Trinidad and Tobago	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1973												
January	E 519	0	0	0	E 103	0	E 19	0	E 37	0	E 253	57
February	E 688	0	0	0	E 136	0	E 25	0	E 50	0	E 192	43
March	E 647	0	0	0	E 128	0	E 23	0	E 47	0	E 355	80
April	E 566	0	E 1	0	E 79	0	E 25	0	E 24	0	E 236	60
May	E 549	0	E 1	0	E 76	0	E 24	0	E 23	0	E 247	63
June	E 568	0	E 1	0	E 79	0	E 25	0	E 24	0	E 249	64
July	E 483	0	0	0	E 81	0	E 18	0	E 18	0	E 151	31
August	E 554	0	0	0	E 93	0	E 21	0	E 21	0	E 319	66
September	E 546	0	0	0	E 91	0	E 21	0	E 20	0	E 292	60
October	E 506	0	E 2	0	E 94	0	E 29	0	E 8	0	E 240	64
November	E 654	0	E 3	0	E 122	0	E 38	0	E 10	0	E 222	59
December	E 616	0	E 3	0	E 115	0	E 35	0	E 9	0	E 245	65
Average	c 585	0	1	0	c 99	0	c 26	0	c 26	0	c 255	60
1974												
January	E 621	0	0	0	E 85	0	E 26	0	E 5	0	E 226	34
February	E 639	0	0	0	E 88	0	E 27	0	E 5	0	E 204	30
March	E 541	0	0	0	E 74	0	E 22	0	E 5	0	E 177	26
April	E 546	0	0	0	E 103	0	E 8	0	E 27	0	E 248	66
May	E 535	0	0	0	E 101	0	E 8	0	E 26	0	E 278	74
June	E 483	0	11	11	E 91	0	E 7	0	E 24	0	E 269	72
July	E 457	0	0	0	E 111	0	E 5	0	E 6	0	E 256	79
August	E 456	0	0	0	E 111	0	E 5	0	E 6	0	E 325	100
September	E 397	0	0	0	E 97	0	E 4	0	E 5	0	E 205	63
October	E 401	0	0	0	E 62	0	E 31	0	E 8	0	E 185	55
November	E 519	0	0	0	E 81	0	E 40	0	E 11	0	E 251	74
December	E 521	0	0	0	E 81	0	E 40	0	E 11	0	E 274	81
Average	c 511	0	1	1	90	0	c 20	0	12	0	c 251	63
1975												
January	E 469	0	0	0	E 157	0	E 18	0	E 3	0	E 206	80
February	E 387	0	0	0	E 130	0	E 15	0	E 3	0	E 215	83
March	E 295	0	15	15	E 99	0	E 11	0	E 2	0	E 249	97
April	238	0	10	10	78	0	0	0	0	0	172	140
May	243	0	23	19	78	0	7	0	(s)	0	237	128
June	262	0	0	0	75	0	17	0	0	0	204	126
July	368	0	0	0	105	0	23	0	0	0	281	135
August	333	0	14	14	73	0	1	0	0	0	289	109
September	429	0	40	35	67	0	20	0	0	0	283	121
October	358	0	47	38	106	0	37	0	0	0	222	122
November	280	0	31	20	61	0	25	0	0	0	266	126
December	238	0	18	0	51	0	17	0	0	0	262	116
Average	c 332	0	17	12	90	0	c 14	0	1	0	c 242	115
1976												
January	314	0	13	13	71	0	0	0	0	0	349	154
February	262	0	7	7	122	0	0	0	0	0	326	135
March	329	0	54	49	114	0	15	0	0	0	316	110
April	275	0	23	23	68	0	8	0	0	0	292	136
May	214	0	30	30	71	0	8	(s)	0	0	258	137
June	190	0	28	28	54	0	14	0	0	0	319	148
July	259	0	39	39	78	0	14	0	0	0	273	105
August	269	0	83	79	81	0	17	10	6	0	164	20
September	273	0	66	66	104	0	11	0	0	0	183	17
October	239	0	47	47	92	0	18	11	0	0	215	92
November	268	0	27	27	104	0	14	0	0	0	254	61
December	400	0	12	12	99	0	7	0	8	0	324	135
Average	275	0	36	35	88	0	11	2	1	0	c 274	104
1977												
January	302	0	5	0	83	0	0	0	14	0	327	126
February	374	0	106	106	86	0	26	12	14	0	413	137
March	A 256	0	73	62	97	0	16	11	41	0	301	127
April	111	0	35	35	85	0	21	0	8	0	218	107
May	154	0	59	59	106	0	14	0	13	0	308	159
June	196	0	27	27	89	0	6	0	10	0	271	107
July	A 239	0	43	42	127	0	7	0	0	0	276	149
August	A 225	0	23	23	119	0	17	0	8	0	281	143
September	A 201	0	53	53	157	0	12	0	6	0	251	105
October	A 197	0	46	46	114	0	8	0	11	0	288	168
November	A 93	0	82	82	99	0	6	0	0	0	237	121
December	192	0	51	51	98	0	6	0	0	0	305	154
Average	211	0	50	48	105	0	12	2	10	0	289	134

See footnotes at end of table.

Table 3.3g Petroleum Imports, 1973-1992: Netherlands Antilles, Norway, Puerto Rico, Russia, Spain, and Trinidad and Tobago (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Netherlands Antilles		Norway		Puerto Rico		Russia ^b		Spain		Trinidad and Tobago	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1978												
January	216	0	109	109	112	0	7	0	0	0	295	154
February	202	0	75	73	103	0	8	0	9	0	296	156
March	238	0	83	83	64	0	0	0	0	0	281	139
April	258	0	139	139	100	0	0	0	0	0	305	162
May	231	0	85	80	111	0	14	0	0	0	189	123
June	221	0	162	162	118	0	0	0	0	0	199	133
July	202	0	84	84	94	0	6	0	11	0	282	140
August	291	0	85	85	82	0	7	0	0	0	248	137
September	222	0	134	134	95	0	23	0	13	0	262	157
October	177	0	178	178	89	0	8	0	0	0	204	124
November	217	0	74	74	71	0	18	9	0	0	231	148
December	265	0	40	40	96	0	8	0	0	0	250	138
Average	229	0	104	104	94	0	8	1	3	0	253	142
1979												
January	237	0	42	42	109	0	0	0	16	0	151	87
February	255	0	66	66	68	0	0	0	0	0	191	113
March	316	0	73	73	64	0	0	0	5	0	215	159
April	180	0	26	26	65	0	0	0	0	0	156	108
May	191	0	34	34	102	0	0	0	0	0	217	136
June	172	0	117	117	106	0	1	0	0	0	169	125
July	209	0	48	48	117	0	0	0	0	0	170	128
August	246	0	68	68	92	0	0	0	0	0	238	152
September	276	0	111	111	86	0	0	0	0	0	166	115
October	242	0	103	103	60	0	0	0	6	0	200	121
November	196	0	121	121	110	0	7	0	8	0	161	105
December	257	0	97	97	120	0	7	0	8	0	237	127
Average	c 231	0	75	75	92	0	1	0	4	0	c 190	123
1980												
January	289	0	142	142	57	0	0	0	0	0	239	133
February	205	0	168	168	95	0	(s)	0	0	0	192	110
March	A 184	0	179	179	101	0	(s)	0	0	0	189	99
April	d 229	0	136	136	76	0	0	0	0	0	143	85
May	176	0	133	133	88	0	0	0	3	0	221	141
June	197	0	132	132	A 91	0	0	0	5	0	162	122
July	242	0	145	145	90	0	0	0	0	0	180	132
August	255	0	88	88	85	0	0	0	0	0	159	101
September	213	0	121	121	52	0	7	0	0	0	205	140
October	230	0	209	209	107	0	0	0	0	0	114	79
November	d 266	0	183	177	108	0	0	0	0	0	158	119
December	212	0	101	101	109	0	0	0	0	0	149	116
Average	225	0	144	144	88	0	1	0	1	0	176	115
1981												
January	198	0	137	137	89	0	6	0	0	0	150	108
February	227	0	102	102	46	0	34	0	0	0	163	136
March	227	0	185	178	45	0	0	0	8	0	93	78
April	198	0	45	38	40	0	0	0	(s)	(s)	139	102
May	213	0	72	72	58	0	7	0	0	0	105	81
June	196	0	85	77	67	0	0	0	0	0	124	74
July	212	0	145	130	50	0	6	(s)	7	0	178	131
August	255	0	163	156	68	0	7	0	0	0	123	103
September	163	0	148	145	72	0	0	0	0	0	169	139
October	161	0	94	86	60	0	0	0	0	0	121	91
November	168	0	116	116	76	0	0	0	0	0	108	92
December	148	0	128	125	73	0	0	0	(s)	0	125	90
Average	197	0	119	114	62	0	5	(s)	1	(s)	133	102
1982												
January	d 177	0	88	88	62	0	0	0	0	0	106	90
February	221	0	20	20	38	0	0	0	0	0	120	100
March	189	0	80	80	62	0	0	0	(s)	0	118	90
April	184	0	59	59	36	0	0	0	0	0	166	134
May	152	0	131	131	47	0	9	0	(s)	0	95	66
June	148	0	170	170	58	0	0	0	22	(s)	129	106
July	158	0	145	145	38	0	0	0	0	0	118	104
August	145	0	111	111	24	0	0	0	0	0	106	89
September	195	0	116	116	51	0	0	0	(s)	(s)	89	76
October	148	0	194	194	52	0	0	0	(s)	0	109	89
November	212	0	59	59	81	0	0	0	0	0	90	76
December	174	0	44	44	48	0	0	0	16	0	102	85
Average	175	0	102	102	50	0	1	0	3	(s)	112	92

See footnotes at end of table.

Table 3.3g Petroleum Imports, 1973-1992: Netherlands Antilles, Norway, Puerto Rico, Russia, Spain, and Trinidad and Tobago (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Netherlands Antilles		Norway		Puerto Rico		Russia ^b		Spain		Trinidad and Tobago	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983												
January	228	0	58	58	40	0	0	0	0	0	73	73
February	183	0	29	29	50	0	0	0	(s)	0	81	81
March	187	0	28	28	43	0	(s)	(s)	8	0	78	78
April	216	0	189	189	20	0	(s)	(s)	0	0	85	77
May	153	0	72	72	42	0	0	0	5	0	108	89
June	173	0	70	70	48	0	0	0	5	5	120	93
July	198	0	103	103	37	0	0	0	0	0	107	86
August	197	0	56	52	40	0	15	0	0	0	90	75
September	261	0	77	77	33	0	0	0	2	0	82	74
October	172	0	32	32	48	0	0	0	(s)	0	106	89
November	144	0	55	55	55	0	(s)	(s)	6	0	110	91
December	153	0	19	19	22	0	(s)	(s)	(s)	0	113	88
Average	189	0	66	65	40	0	1	(s)	2	(s)	96	83
1984												
January	279	0	88	88	53	0	6	(s)	12	0	54	46
February	289	0	63	59	58	0	16	(s)	54	0	77	57
March	169	0	127	127	34	0	(s)	(s)	8	0	93	93
April	207	0	119	104	37	0	0	0	7	0	91	91
May	192	0	112	104	38	0	8	0	16	0	57	57
June	234	0	151	151	53	0	0	0	8	0	104	104
July	99	0	179	179	27	0	18	0	0	0	120	91
August	206	0	86	86	34	0	16	0	7	0	98	91
September	133	0	157	157	38	0	33	0	5	0	103	93
October	112	0	101	101	37	0	39	(s)	1	0	122	122
November	181	0	118	118	44	0	17	0	3	0	115	112
December	161	0	69	69	46	0	7	0	11	0	98	92
Average	188	0	114	112	42	0	13	(s)	11	0	94	87
1985												
January	132	0	34	34	32	0	14	(s)	1	0	113	103
February	52	0	54	54	50	0	(s)	(s)	8	0	119	99
March	49	0	32	32	29	0	1	0	8	0	115	104
April	18	0	75	68	42	0	21	0	40	0	107	91
May	28	0	18	18	37	0	30	(s)	11	0	126	116
June	30	0	18	18	23	0	9	0	31	0	92	63
July	36	0	34	34	14	0	(s)	(s)	52	0	133	122
August	18	0	18	18	28	0	1	0	40	0	121	121
September	40	0	0	0	26	0	9	0	28	0	129	95
October	5	0	35	27	21	0	7	0	23	0	99	73
November	30	0	54	54	26	0	(s)	(s)	40	8	100	94
December	44	0	18	18	12	0	0	0	68	0	96	90
Average	40	0	32	31	28	0	8	(s)	29	1	113	98
1986												
January	58	0	87	75	21	0	0	0	32	0	108	108
February	11	0	110	110	18	0	(s)	(s)	40	0	85	74
March	27	0	35	35	25	0	0	0	30	0	79	72
April	13	0	38	37	23	0	0	0	24	0	111	104
May	37	0	1	0	27	0	16	0	31	0	130	89
June	17	0	64	50	30	0	48	0	47	0	167	115
July	25	0	40	40	29	0	20	0	157	0	131	94
August	12	0	69	52	7	0	88	0	95	0	133	92
September	17	0	80	76	23	0	8	0	32	0	162	100
October	26	0	23	17	21	0	19	0	40	0	112	89
November	53	0	89	89	21	0	10	0	41	0	129	99
December	7	0	85	64	12	0	9	0	66	0	148	82
Average	25	0	60	53	21	0	18	(s)	53	0	125	93
1987												
January	29	0	75	72	33	0	14	0	44	0	100	79
February	23	0	91	82	24	0	^R 10	0	58	0	127	100
March	14	0	127	111	17	0	4	0	67	0	124	65
April	12	0	83	69	24	0	5	0	15	0	123	85
May	33	0	117	102	21	0	0	0	44	0	117	83
June	13	0	112	107	21	0	30	0	65	0	114	77
July	71	0	81	70	17	0	9	0	61	0	98	75
August	51	0	63	43	20	0	0	0	42	0	100	74
September	42	0	25	16	25	0	0	0	100	0	105	72
October	16	0	36	36	17	0	22	0	57	0	88	63
November	14	0	64	56	15	0	15	0	40	0	111	70
December	24	0	90	71	23	0	19	0	65	0	73	61
Average	29	0	80	70	21	0	^R11	0	55	0	106	75

See footnotes at end of table.

Table 3.3g Petroleum Imports, 1973-1992: Netherlands Antilles, Norway, Puerto Rico, Russia, Spain, and Trinidad and Tobago (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a											
	Netherlands Antilles		Norway		Puerto Rico		Russia ^b		Spain		Trinidad and Tobago	
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1988												
January	40	0	41	37	29	0	30	0	28	0	97	75
February	21	0	63	54	16	0	45	0	47	0	93	63
March	46	0	2	0	22	0	40	0	45	0	89	76
April	43	0	65	65	29	0	0	0	93	0	82	72
May	27	0	97	82	20	0	26	0	68	0	102	61
June	31	0	1	0	13	0	15	0	57	0	112	80
July	35	0	69	62	22	0	23	0	77	0	96	60
August	32	0	82	79	23	0	23	0	97	0	97	79
September	25	0	101	85	29	0	22	0	92	0	96	81
October	17	0	143	143	21	0	19	0	42	0	98	61
November	72	0	48	48	15	0	77	0	95	0	80	65
December	40	0	90	81	28	0	25	0	75	0	125	83
Average	36	0	67	62	22	0	29	0	68	0	97	71
1989												
January	59	0	33	33	30	0	19	0	101	0	105	79
February	44	0	233	222	24	0	12	0	70	0	92	85
March	52	0	167	167	38	0	58	0	49	0	82	65
April	14	0	186	175	24	0	49	0	56	0	117	99
May	32	0	184	184	46	0	27	0	46	0	68	49
June	34	0	179	179	32	0	79	0	99	0	143	100
July	49	0	48	35	39	0	100	0	51	0	89	47
August	43	0	117	98	21	0	43	0	69	0	101	79
September	35	0	146	119	33	0	68	0	70	0	95	69
October	38	0	166	143	32	0	66	0	38	0	71	71
November	72	0	155	132	42	0	48	0	71	0	91	80
December	29	0	57	50	24	0	0	0	83	0	81	63
Average	42	0	138	127	32	0	48	0	67	0	94	73
1990												
January	9	0	75	67	35	0	62	0	60	0	109	84
February	27	0	43	37	32	0	40	0	53	0	89	67
March	10	0	50	50	32	0	0	0	13	0	103	96
April	40	0	134	118	33	0	20	0	17	0	114	81
May	20	0	166	166	38	0	0	0	87	0	88	58
June	21	0	209	199	27	0	19	0	66	0	118	83
July	30	0	129	129	35	0	92	0	104	0	107	73
August	41	0	159	159	29	0	73	0	54	0	108	91
September	33	0	125	119	20	0	49	0	23	0	89	70
October	43	0	67	67	29	0	87	10	21	0	83	76
November	46	0	17	17	50	0	63	0	25	0	81	73
December	53	0	43	17	29	0	34	0	38	0	62	62
Average	31	0	102	96	32	0	45	1	47	0	96	76
1991												
January	103	0	45	34	22	0	28	0	26	0	75	64
February	23	0	37	37	20	0	17	0	18	0	76	76
March	56	0	25	16	14	0	13	0	13	0	86	73
April	61	0	51	35	23	0	39	0	66	0	84	64
May	113	0	165	156	42	0	42	0	53	0	61	61
June	84	0	99	84	19	0	0	0	41	0	118	104
July	86	0	69	63	25	0	58	0	22	0	91	72
August	100	0	142	136	42	0	80	11	48	0	91	66
September	67	0	79	72	34	0	23	0	42	0	119	75
October	90	0	98	98	12	0	13	0	24	0	88	76
November	100	0	73	65	35	0	16	0	19	0	77	69
December	88	0	94	88	36	0	16	0	26	0	87	71
Average	81	0	82	74	27	0	29	1	33	0	88	72
1992												
January	40	0	25	17	32	0	17	0	35	0	108	79
February	82	0	11	0	23	0	3	0	16	0	109	76
March	49	0	11	0	18	0	0	0	37	0	105	85
April	73	0	155	147	14	0	0	0	35	0	79	75
May	59	0	210	200	22	0	0	0	30	0	69	54
June	83	0	234	225	36	0	0	0	46	0	94	74
July	49	0	186	179	11	0	72	32	18	0	103	78
August	65	0	142	134	38	0	62	31	29	0	106	54
September	60	0	103	102	37	0	53	0	56	0	84	56
October	90	0	190	177	29	0	9	0	32	0	108	71
November	56	0	111	104	26	0	0	0	36	0	85	62
December	80	0	140	133	28	0	0	0	17	0	91	71
Average	65	0	127	119	26	0	18	5	32	0	95	70

^a Includes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b Imports from other States in the former U.S.S.R. may be included in imports from Russia for the years 1973-1992.

^c The annual value is not an average of the monthly values. See Note 6 at end of section.

^d See Note 7 at end of section.

R=Revised data. E=Estimate; see Note 6 at end of section. A=Adjusted data; see Note 6 at end of section. (s)=Less than 500 barrels per day.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.3h Petroleum Imports, 1973-1992: United Kingdom, Virgin Islands, Other Non-OPEC, Total Non-OPEC, and Total Imports

(Thousand Barrels per Day)

	Non-OPEC ^a						Total Non-OPEC ^a		Total Imports	
	United Kingdom		Virgin Islands		Other Non-OPEC		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil				
1973										
January	E 11	0	E 336	0	E 123	16	E 3,206	1,166	5,857	2,732
February	E 14	0	E 445	0	E 341	15	E 3,871	1,168	6,507	2,873
March	E 13	0	E 419	0	E 205	28	E 3,790	1,249	6,610	3,162
April	E 9	0	E 270	0	E 81	43	E 3,220	1,292	5,593	3,049
May	E 9	0	E 261	0	E 154	52	E 3,018	1,149	5,841	3,215
June	E 9	0	E 271	0	E 203	68	E 3,063	1,128	5,890	3,220
July	E 17	0	E 258	0	E 215	28	E 2,844	1,078	6,179	3,501
August	E 20	0	E 296	0	E 183	47	E 3,192	1,164	6,591	3,593
September	E 20	0	E 292	0	E 143	15	E 3,100	1,102	6,411	3,471
October	E 17	0	E 317	0	E 130	60	E 3,101	1,179	6,633	3,739
November	E 22	0	E 410	0	E 335	20	E 3,607	1,122	6,922	3,452
December	E 21	0	E 386	0	E 312	37	E 3,335	996	6,056	2,891
Average	15	0	329	0	b 153	36	b 3,263	1,149	6,256	3,244
1974										
January	E 2	0	E 368	0	E 92	10	E 3,063	964	5,371	2,382
February	E 2	0	E 379	0	E 148	12	E 3,036	877	5,216	2,248
March	E 1	0	E 320	0	E 74	11	E 2,691	865	5,274	2,462
April	E 14	0	E 333	0	E 192	53	E 3,098	1,095	5,980	3,267
May	E 14	0	E 326	0	E 181	86	E 3,094	1,131	6,493	3,908
June	E 13	0	E 295	0	E 172	52	E 2,667	894	6,360	3,925
July	E 2	0	E 426	0	E 187	45	E 2,734	896	6,537	4,091
August	E 2	0	E 425	0	E 108	25	E 2,757	922	6,361	3,924
September	E 1	0	E 370	0	E 137	45	E 2,502	905	6,052	3,797
October	E 11	0	E 404	0	E 100	9	E 2,443	852	6,175	3,810
November	E 15	0	E 524	0	E 201	18	E 2,924	865	6,798	3,958
December	E 15	0	E 526	0	E 146	0	E 3,039	969	6,667	3,869
Average	8	0	b 391	0	b 122	30	b 2,832	937	6,112	3,477
1975										
January	E 10	0	E 637	0	E 216	14	E 3,108	889	6,861	4,029
February	E 8	0	E 526	0	E 107	0	E 2,664	831	6,176	3,828
March	E 6	0	E 401	0	E 15	0	E 2,103	706	5,730	3,656
April	8	0	348	0	79	9	1,990	767	5,040	3,378
May	7	0	413	0	104	17	2,010	736	5,214	3,486
June	(s)	0	353	0	58	0	2,125	901	5,406	3,905
July	6	0	321	0	83	10	2,479	952	5,959	4,192
August	12	0	399	0	140	9	2,522	977	6,298	4,581
September	10	0	390	0	162	19	2,779	1,008	6,804	4,689
October	13	0	336	0	180	9	2,695	1,024	6,329	4,389
November	37	4	353	0	241	36	2,516	979	6,419	4,623
December	11	0	406	0	327	40	2,557	946	6,425	4,476
Average	b 14	(s)	406	0	b 120	14	b 2,454	893	6,056	4,105
1976										
January	35	11	468	0	195	56	2,405	749	6,714	4,594
February	18	0	462	0	257	71	2,349	629	6,712	4,208
March	30	0	425	0	207	103	2,348	771	6,687	4,738
April	50	36	341	0	223	102	2,203	766	6,595	4,790
May	43	31	389	0	151	62	2,047	770	6,323	4,669
June	25	0	428	0	140	84	2,191	825	7,474	5,628
July	8	0	386	0	238	76	2,204	694	7,884	5,792
August	28	0	437	0	200	114	2,147	712	7,382	5,556
September	13	5	408	0	239	128	2,226	729	7,924	5,875
October	23	14	461	0	308	192	2,188	832	7,536	5,689
November	39	28	454	0	177	123	2,248	724	8,060	5,946
December	55	37	408	0	257	105	2,474	695	8,447	5,925
Average	31	13	422	0	b 203	101	b 2,247	742	7,313	5,287
1977										
January	89	72	620	0	285	171	c 2,671	791	c 8,903	6,281
February	146	77	549	0	404	169	3,492	1,047	9,997	6,659
March	169	108	505	0	308	96	2,975	922	9,383	6,699
April	104	62	409	0	271	154	2,302	877	8,723	6,821
May	59	50	376	0	310	205	2,342	980	8,571	6,818
June	98	81	322	0	307	179	2,307	918	8,937	7,065
July	102	65	478	0	257	175	2,489	884	9,095	7,068
August	110	96	431	0	225	114	2,535	954	8,574	6,395
September	158	127	434	0	341	195	c 2,630	1,032	8,567	6,429
October	156	136	452	0	288	164	2,523	1,093	8,364	6,502
November	142	125	463	0	253	133	c 2,471	1,087	8,135	6,321
December	178	169	556	0	212	132	2,695	1,078	8,525	6,327
Average	126	97	466	0	287	157	2,614	971	8,807	6,615

See footnotes at end of table.

Table 3.3h Petroleum Imports, 1973-1992: United Kingdom, Virgin Islands, Other Non-OPEC, Total Non-OPEC, and Total Imports (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a						Total Non-OPEC ^a		Total Imports	
	United Kingdom		Virgin Islands		Other Non-OPEC		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil				
1978										
January	210	210	466	0	152	70	2,575	1,093	8,332	6,240
February	201	177	491	0	198	112	2,620	1,040	8,119	5,764
March	149	133	506	0	214	133	2,526	1,030	8,501	6,163
April	183	169	372	0	274	178	2,594	1,131	7,743	5,627
May	154	139	304	0	356	190	2,408	1,021	7,531	5,727
June	176	167	324	0	246	157	2,457	1,190	8,108	6,468
July	132	132	402	0	268	162	2,618	1,119	8,277	6,329
August	235	235	431	0	195	117	2,668	1,234	8,292	6,435
September	231	196	432	0	278	144	2,853	1,375	9,036	7,053
October	226	224	476	0	165	96	2,576	1,313	8,313	6,595
November	101	92	489	0	203	129	2,612	1,182	8,852	6,831
December	158	147	448	0	330	260	2,842	1,326	9,241	6,996
Average	180	169	428	0	^b 239	146	2,612	1,172	8,363	6,356
1979										
January	300	293	477	0	196	101	3,082	1,471	9,148	6,925
February	156	156	421	0	310	221	2,782	1,462	8,591	6,522
March	163	151	562	0	247	196	3,007	1,405	8,760	6,374
April	175	175	475	0	207	148	2,490	1,211	7,893	6,211
May	203	198	382	0	283	210	2,644	1,304	8,091	6,261
June	264	259	414	0	289	207	2,820	1,520	8,327	6,647
July	301	295	451	0	246	166	2,877	1,408	8,559	6,602
August	76	74	357	0	183	116	2,493	1,214	8,590	6,809
September	197	192	286	0	285	233	2,580	1,407	8,023	6,426
October	153	145	403	0	483	388	2,950	1,580	8,688	6,890
November	181	174	438	0	250	165	2,829	1,397	8,141	6,228
December	256	249	508	0	284	153	3,249	1,511	8,628	6,318
Average	202	197	431	0	^b 269	192	2,819	1,407	8,456	6,519
1980										
January	296	288	467	0	241	190	3,131	1,647	8,598	6,406
February	105	103	536	0	308	229	2,914	1,450	7,945	6,013
March	232	230	449	0	301	188	2,800	1,432	7,452	5,695
April	182	182	425	0	297	249	2,737	1,560	7,106	5,598
May	124	121	303	0	234	172	2,481	1,432	6,579	5,106
June	146	146	314	0	227	171	2,486	1,426	6,894	5,480
July	115	115	378	0	155	121	2,262	1,186	6,257	4,843
August	196	196	264	0	244	169	2,449	1,404	6,192	4,803
September	218	218	343	0	185	136	2,569	1,417	6,239	4,707
October	134	130	372	0	107	83	2,557	1,369	6,379	4,768
November	157	151	391	0	129	93	2,464	1,257	6,408	4,680
December	199	199	423	0	202	146	2,471	1,212	6,894	5,082
Average	176	173	388	0	219	162	2,609	1,399	6,909	5,263
1981										
January	233	228	494	0	236	176	2,701	1,333	6,827	4,932
February	271	227	481	0	339	276	2,881	1,467	6,772	4,873
March	263	263	370	0	251	186	2,603	1,403	6,028	4,521
April	402	402	365	0	169	131	2,423	1,296	5,668	4,338
May	368	366	344	0	240	153	2,573	1,377	5,775	4,287
June	397	397	262	0	202	121	2,513	1,404	5,435	4,061
July	553	548	206	0	178	117	2,583	1,520	5,816	4,296
August	592	592	184	0	230	131	2,698	1,614	5,767	4,179
September	528	515	265	0	331	217	3,100	1,840	6,365	4,740
October	351	349	303	0	253	188	2,739	1,592	5,959	4,380
November	253	253	294	0	204	120	2,557	1,387	5,741	4,046
December	280	280	367	0	206	146	2,714	1,455	5,843	4,137
Average	375	369	327	0	236	163	2,672	1,474	5,996	4,396
1982										
January	346	331	334	0	213	158	^c 2,472	1,313	^c 5,330	3,693
February	181	157	362	0	321	207	2,510	1,132	4,807	2,990
March	294	262	307	0	235	86	2,433	1,239	4,484	2,874
April	247	232	266	0	411	295	2,507	1,383	4,378	2,849
May	516	516	302	0	309	207	2,981	1,918	4,811	3,309
June	557	543	322	0	312	205	3,231	2,063	5,327	3,836
July	433	433	376	0	250	99	3,204	1,959	5,890	4,248
August	520	520	317	0	289	117	3,137	1,992	5,244	3,851
September	631	605	278	0	436	256	^c 3,471	2,183	5,414	3,636
October	666	655	262	0	312	149	3,222	2,093	5,306	3,670
November	623	607	334	0	337	188	^c 3,509	2,113	5,744	3,862
December	438	415	336	0	261	136	2,916	1,629	4,606	3,000
Average	456	441	316	0	306	174	2,968	1,754	5,113	3,488

See footnotes at end of table.

Table 3.3h Petroleum Imports, 1973-1992: United Kingdom, Virgin Islands, Other Non-OPEC, Total Non-OPEC, and Total Imports (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a						Total Non-OPEC ^a		Total Imports	
	United Kingdom		Virgin Islands		Other Non-OPEC					
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil
1983										
January	314	307	299	0	349	251	3,026	1,858	4,438	2,964
February	193	175	192	0	419	335	2,658	1,524	3,726	2,267
March	240	232	162	0	341	182	2,624	1,591	3,690	2,290
April	421	420	183	0	306	135	3,295	2,119	4,727	3,118
May	484	474	235	0	355	184	3,318	2,026	5,089	3,360
June	440	428	262	0	427	227	3,353	1,978	5,326	3,577
July	369	346	364	0	443	237	3,490	2,014	5,741	3,871
August	461	437	313	0	362	200	3,431	1,991	6,159	4,227
September	475	452	307	0	421	277	3,534	2,025	6,129	4,210
October	414	395	357	0	266	75	3,151	1,652	5,258	3,446
November	334	327	427	0	509	290	3,300	1,803	5,210	3,337
December	429	369	278	0	350	204	3,063	1,636	5,033	3,213
Average	382	365	282	0	378	215	3,189	1,853	5,051	3,329
1984										
January	382	355	390	0	433	166	3,465	1,684	5,430	3,055
February	344	278	418	0	471	124	3,797	1,562	5,693	2,950
March	434	394	248	0	501	255	3,490	2,016	5,301	3,470
April	282	276	257	0	437	204	3,410	2,008	5,372	3,417
May	429	379	336	0	399	217	3,302	1,845	5,979	3,942
June	345	339	268	0	396	235	3,255	1,926	5,482	3,546
July	362	352	292	0	369	219	3,166	1,906	5,407	3,646
August	388	377	236	0	410	217	3,035	1,776	5,044	3,248
September	490	483	250	0	344	223	3,249	2,067	5,252	3,342
October	486	467	321	0	394	218	3,717	2,185	5,779	3,751
November	544	516	283	0	385	220	3,633	2,169	5,587	3,583
December	337	313	235	0	398	214	3,168	1,819	4,933	3,136
Average	402	378	294	0	411	210	3,388	1,914	5,437	3,426
1985										
January	345	323	235	0	401	211	3,010	1,774	4,415	2,717
February	151	117	213	0	291	41	2,693	1,375	3,913	2,108
March	133	103	235	0	332	102	3,168	1,727	4,673	2,786
April	213	188	205	0	334	75	3,388	2,007	5,316	3,401
May	419	371	252	0	583	248	3,800	2,269	5,776	3,730
June	481	459	271	0	366	154	3,240	1,886	4,929	3,188
July	324	266	236	0	469	164	3,124	1,845	4,950	3,203
August	336	302	241	0	229	83	2,978	1,849	4,718	3,114
September	303	263	173	0	353	117	3,169	2,002	4,970	3,155
October	352	330	260	0	381	134	3,163	1,851	5,121	3,238
November	376	350	325	0	549	179	3,676	2,168	6,116	3,999
December	273	256	314	0	429	126	3,400	1,878	5,831	3,696
Average	310	278	247	0	394	137	3,237	1,888	5,067	3,201
1986										
January	333	313	326	0	414	120	3,275	1,845	5,573	3,472
February	218	193	309	0	357	124	2,870	1,660	4,676	2,968
March	178	174	186	0	234	28	2,567	1,511	4,712	2,988
April	188	167	209	0	345	117	2,863	1,792	5,439	3,684
May	365	318	237	0	476	135	3,651	2,221	6,400	4,250
June	569	481	233	0	472	151	3,838	2,430	6,848	4,635
July	353	307	237	0	458	202	3,634	2,264	6,942	4,726
August	584	545	214	0	542	201	3,822	2,358	7,168	4,859
September	437	392	291	0	579	283	3,706	2,334	7,090	5,031
October	173	164	215	0	422	156	3,151	1,862	6,427	4,419
November	448	419	179	0	381	113	3,504	2,246	6,592	4,615
December	351	325	291	0	428	100	3,724	2,237	6,700	4,412
Average	350	317	244	0	426	144	3,387	2,065	6,224	4,178
1987										
January	384	338	327	0	317	72	3,589	2,150	6,353	4,385
February	260	236	296	0	339	45	3,199	1,855	5,984	3,866
March	322	281	247	0	396	57	3,489	2,090	5,794	3,779
April	485	463	259	0	338	128	3,481	2,330	5,911	4,132
May	392	370	214	0	459	245	3,398	2,309	6,073	4,340
June	377	330	281	0	409	164	3,646	2,384	6,769	4,807
July	354	254	288	0	686	352	4,055	2,481	7,588	5,295
August	289	275	274	0	609	307	3,706	2,389	7,454	5,510
September	259	223	271	0	408	233	3,618	2,280	7,178	5,110
October	321	257	250	0	453	275	3,492	2,241	7,068	5,142
November	456	391	235	0	539	205	3,899	2,455	7,068	5,013
December	324	232	327	0	538	252	3,800	2,294	6,833	4,640
Average	352	304	272	0	459	196	3,617	2,274	6,678	4,674

See footnotes at end of table.

Table 3.3h Petroleum Imports, 1973-1992: United Kingdom, Virgin Islands, Other Non-OPEC, Total Non-OPEC, and Total Imports (Continued)

(Thousand Barrels per Day)

	Non-OPEC ^a						Total Non-OPEC ^a		Total Imports	
	United Kingdom		Virgin Islands		Other Non-OPEC		Total	Crude Oil	Total	Crude Oil
	Total	Crude Oil	Total	Crude Oil	Total	Crude Oil				
1988										
January	313	232	341	0	376	141	4,047	2,428	7,181	4,662
February	334	261	200	0	466	122	3,794	2,143	7,256	4,650
March	461	415	180	0	400	134	3,871	2,487	6,944	4,868
April	594	556	193	0	389	145	3,857	2,593	7,270	5,167
May	389	327	257	0	463	163	3,968	2,539	7,469	5,339
June	232	200	212	0	547	306	3,607	2,418	7,239	5,322
July	214	157	215	0	455	191	3,708	2,288	7,297	5,100
August	111	53	172	0	679	359	3,683	2,306	7,386	5,089
September	149	121	236	0	521	208	3,820	2,380	7,506	5,212
October	447	392	234	0	384	164	3,969	2,646	7,830	5,551
November	246	151	286	0	592	236	4,204	2,441	7,714	5,070
December	294	182	372	0	578	179	4,053	2,250	7,727	5,230
Average	315	254	242	0	487	196	3,882	2,411	7,402	5,107
1989										
January	215	138	415	0	429	122	4,043	2,300	8,255	5,661
February	221	130	369	0	505	92	4,186	2,290	8,032	5,305
March	174	130	324	0	409	93	3,763	2,179	7,456	5,035
April	148	88	407	0	473	165	4,151	2,635	8,078	5,750
May	202	169	379	0	334	88	3,753	2,426	7,778	5,729
June	181	132	363	0	351	195	3,871	2,476	7,977	5,976
July	328	210	331	0	544	324	3,932	2,468	8,369	6,214
August	370	316	239	0	533	319	4,029	2,781	8,560	6,565
September	191	149	190	0	470	244	3,766	2,517	8,002	6,028
October	309	234	180	0	651	383	4,124	2,796	8,301	6,187
November	165	141	279	0	337	121	3,988	2,606	8,341	6,171
December	78	71	377	0	449	213	3,468	2,126	7,579	5,463
Average	215	160	321	0	457	197	3,921	2,467	8,061	5,843
1990										
January	219	147	409	0	588	220	4,332	2,399	9,197	6,212
February	74	23	323	0	471	139	3,805	2,177	8,399	5,895
March	257	221	264	0	405	168	3,536	2,469	7,965	6,117
April	304	288	283	0	513	275	3,660	2,348	7,858	5,813
May	369	305	285	0	541	248	4,260	2,673	8,834	6,454
June	249	233	299	0	579	270	4,287	2,771	8,747	6,423
July	224	179	252	0	500	251	4,057	2,609	9,048	6,855
August	183	179	230	0	340	107	3,722	2,406	8,644	6,452
September	155	155	240	0	336	206	3,417	2,386	7,361	5,664
October	81	44	204	0	245	92	3,199	2,210	6,717	5,132
November	112	56	312	0	254	112	3,374	2,173	7,003	5,085
December	33	19	291	0	233	70	3,011	1,933	6,439	4,611
Average	189	155	282	0	417	180	3,721	2,381	8,018	5,894
1991										
January	32	19	261	0	235	91	3,205	2,195	7,103	5,296
February	34	21	222	0	180	96	3,051	2,221	6,865	5,485
March	48	19	214	0	179	60	3,023	2,133	6,646	5,166
April	61	37	245	0	256	99	3,674	2,470	7,418	5,529
May	222	188	264	0	239	63	3,794	2,524	8,518	6,363
June	105	70	234	0	349	189	3,747	2,587	8,245	6,334
July	228	164	191	0	384	275	3,524	2,430	7,755	5,955
August	254	217	208	0	369	197	4,067	2,699	8,670	6,645
September	218	194	269	0	374	197	3,871	2,608	7,826	5,812
October	201	166	262	0	252	139	3,444	2,340	7,467	5,683
November	84	18	264	0	335	130	3,444	2,200	7,615	5,528
December	154	151	286	0	229	104	3,546	2,448	7,337	5,565
Average	138	106	243	0	282	137	3,535	2,405	7,627	5,782
1992										
January	129	115	250	0	208	59	3,488	2,402	7,712	5,956
February	63	0	222	0	196	50	3,278	2,184	6,827	5,079
March	79	52	202	0	345	114	3,462	2,380	7,068	5,321
April	157	128	234	0	458	212	4,007	2,793	8,092	6,127
May	198	180	246	0	467	225	3,705	2,633	7,823	6,060
June	248	206	266	0	297	95	3,917	2,741	7,946	6,171
July	354	337	280	0	415	152	4,140	3,024	8,479	6,796
August	295	282	263	0	464	357	4,116	2,984	8,260	6,457
September	341	291	217	0	382	160	3,904	2,687	8,178	6,218
October	411	411	254	0	279	144	3,998	2,964	8,505	6,696
November	336	285	274	0	219	124	3,786	2,745	7,872	6,121
December	148	110	273	0	283	92	3,734	2,556	7,839	5,937
Average	230	200	249	0	335	149	3,796	2,676	7,888	6,083

^a Includes petroleum imported into the United States indirectly from members of the Organization of Petroleum Exporting Countries (OPEC), primarily from Caribbean and West European areas, as petroleum products that were refined from crude oil produced by OPEC.

^b The annual value is not an average of the monthly values. See Note 6 at end of section.

^c See Note 7 at end of section.

E=Estimate; see Note 6 at end of section. (s)=Less than 500 barrels per day.

Notes: • Beginning in October 1977, Strategic Petroleum Reserve imports are included. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.4 Finished Motor Gasoline Supply and Disposition, 1973-1992

	Supply		Disposition					Ending Stocks ^a	
	Total Production	Imports ^b	Stock Change ^{b,c}	Exports	Product Supplied			Total Motor Gasoline ^e	Finished Motor Gasoline
					Total	Unleaded ^d	Unleaded		
Thousand Barrels per Day							Percent of Total	Million Barrels	
1973									
January	6,352	59	292	1	6,118	-	-	222	-
February	6,151	95	-195	5	6,437	-	-	216	-
March	6,161	71	-282	1	6,513	-	-	208	-
April	6,387	63	-95	4	6,541	-	-	205	-
May	6,724	101	-86	5	6,907	-	-	202	-
June	7,000	174	209	1	6,964	-	-	208	-
July	6,993	133	100	2	7,023	-	-	212	-
August	6,887	164	-206	(s)	7,257	-	-	205	-
September	6,627	127	172	1	6,581	-	-	210	-
October	6,628	194	137	8	6,677	-	-	215	-
November	6,382	216	-240	15	6,823	-	-	207	-
December	6,106	202	66	5	6,237	-	-	209	-
Average	6,535	134	-9	4	6,674	-	-	209	-
1974									
January	5,906	163	260	4	5,804	-	-	218	-
February	5,972	184	56	1	6,100	-	-	219	-
March	5,985	225	40	7	6,162	-	-	220	-
April	6,314	260	115	1	6,457	-	-	224	-
May	6,331	250	-164	(s)	6,745	-	-	219	-
June	6,666	211	-43	(s)	6,919	-	-	217	-
July	6,795	212	47	1	6,959	-	-	219	-
August	6,817	253	4	6	7,061	-	-	219	-
September	6,455	202	269	1	6,388	-	-	227	-
October	6,339	171	-202	1	6,712	-	-	221	-
November	6,294	174	-78	(s)	6,547	-	-	218	-
December	6,422	141	-1	6	6,558	-	-	^f 218	-
Average	6,360	204	24	2	6,537	-	-	^f218	-
1975									
January	6,511	262	^f 566	1	6,206	-	-	242	-
February	6,279	171	344	10	6,096	-	-	252	-
March	6,073	150	-104	1	6,326	-	-	249	-
April	6,049	133	-538	1	6,718	-	-	233	-
May	6,129	142	-601	(s)	6,871	-	-	214	-
June	6,672	177	-228	1	7,076	-	-	207	-
July	7,006	209	173	1	7,041	-	-	213	-
August	6,874	232	97	(s)	7,008	-	-	216	-
September	6,825	269	366	(s)	6,729	-	-	226	-
October	6,412	207	-160	1	6,778	-	-	222	-
November	6,605	139	354	1	6,390	-	-	232	-
December	6,789	119	92	8	6,808	-	-	235	-
Average	6,520	184	^f28	2	6,675	-	-	235	-
1976									
January	6,485	92	178	(s)	6,398	-	-	241	-
February	6,475	84	289	6	6,263	-	-	249	-
March	6,458	123	-316	6	6,890	-	-	239	-
April	6,565	99	-503	8	7,159	-	-	224	-
May	6,777	112	35	1	6,853	-	-	225	-
June	7,306	188	11	(s)	7,482	-	-	225	-
July	7,177	190	50	1	7,315	-	-	227	-
August	7,151	141	118	7	7,168	-	-	231	-
September	6,881	171	-27	(s)	7,079	-	-	230	-
October	6,681	138	-111	(s)	6,929	-	-	226	-
November	6,941	146	48	1	7,038	-	-	228	-
December	7,178	84	118	7	7,138	-	-	231	-
Average	6,841	131	-10	3	6,978	-	-	231	-
1977									
January	6,934	231	685	8	6,472	1,549	23.9	253	-
February	6,817	188	104	2	6,900	1,773	25.7	256	-
March	6,864	257	213	(s)	6,908	1,657	24.0	262	-
April	6,968	269	-110	1	7,345	1,863	25.4	259	-
May	6,948	202	118	2	7,029	1,803	25.7	263	-
June	7,146	246	-202	1	7,593	2,142	28.2	256	-
July	7,248	248	56	1	7,439	2,146	28.8	258	-
August	7,190	190	-42	1	7,420	2,096	28.2	257	-
September	7,061	222	-35	1	7,316	2,081	28.4	256	-
October	6,932	179	-21	1	7,130	2,135	29.9	255	-
November	7,125	179	111	2	7,191	2,060	28.6	259	-
December	7,147	197	-31	1	7,375	2,400	32.5	258	-
Average	7,033	217	72	2	7,177	1,976	27.5	258	-

See footnotes at end of table.

Table 3.4 Finished Motor Gasoline Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^a		
	Total Production	Imports ^b	Stock Change ^{b,c}	Exports	Product Supplied			Total Motor Gasoline ^e	Finished Motor Gasoline
					Total	Unleaded ^d	Unleaded		
Thousand Barrels per Day							Percent of Total	Million Barrels	
1978									
January	6,935	214	467	1	6,681	2,097	31.4	272	-
February	6,633	200	-44	1	6,876	2,162	31.4	271	-
March	6,752	141	-364	1	7,255	2,425	33.4	260	-
April	6,670	177	-356	1	7,202	2,391	33.2	249	-
May	7,061	169	-496	2	7,724	2,342	30.3	234	-
June	7,212	234	-468	1	7,913	2,697	34.1	219	-
July	7,267	212	-100	2	7,576	2,629	34.7	216	-
August	7,456	179	-239	1	7,872	2,834	36.0	209	-
September	7,401	251	251	2	7,399	2,607	35.2	217	-
October	7,178	180	-91	2	7,448	2,576	34.6	214	-
November	7,585	147	228	1	7,503	2,713	36.2	221	-
December	7,833	182	562	1	7,451	2,751	36.9	238	-
Average	7,169	190	-54	1	7,412	2,521	34.0	238	-
1979									
January	7,263	179	614	1	6,830	2,609	38.2	257	-
February	6,937	160	-158	1	7,254	2,715	37.4	253	-
March	6,659	168	-403	(s)	7,229	2,733	37.8	240	-
April	6,787	156	-113	1	7,055	2,786	39.5	237	-
May	6,806	145	-263	(s)	7,213	2,751	38.1	229	-
June	7,016	261	85	(s)	7,191	2,787	38.8	231	-
July	7,018	222	338	(s)	6,902	2,789	40.4	242	-
August	6,900	148	-283	1	7,330	2,970	40.5	233	-
September	6,641	135	-106	(s)	6,881	2,815	40.9	230	-
October	6,500	150	-370	(s)	7,020	2,802	39.9	218	-
November	6,689	182	80	1	6,791	2,928	43.1	221	-
December	7,003	263	536	(s)	6,730	2,890	42.9	237	-
Average	6,852	181	-2	(s)	7,034	2,798	39.8	237	-
1980									
January	6,991	141	809	1	6,323	2,718	43.0	262	-
February	6,866	154	423	(s)	6,596	2,969	45.0	275	-
March	6,519	155	267	(s)	6,406	3,032	47.3	283	-
April	6,284	155	-362	1	6,800	3,021	44.4	272	-
May	6,316	132	-283	1	6,729	2,980	44.3	263	-
June	6,569	148	59	1	6,657	3,099	46.6	265	-
July	6,465	149	-132	3	6,743	3,131	46.4	261	-
August	6,452	141	-56	1	6,648	3,135	47.2	259	-
September	6,383	106	-28	7	6,510	3,054	46.9	258	-
October	6,131	152	-380	1	6,662	3,110	46.7	247	-
November	6,467	126	359	(s)	6,234	3,123	50.1	257	-
December	6,644	121	133	1	6,632	3,421	51.6	^f 261	-
Average	6,506	140	66	1	6,579	3,067	46.6	^f261	-
1981									
January ^g	6,715	138	^f 421	(s)	6,431	3,141	48.8	276	227
February	6,308	111	118	1	6,301	3,095	49.1	284	230
March	6,213	171	81	(s)	6,303	3,097	49.1	285	232
April	6,114	186	-303	(s)	6,602	3,284	49.7	272	223
May	6,122	150	-344	1	6,615	3,115	47.1	^h 258	213
June	6,220	186	-622	1	7,028	3,419	48.6	242	194
July	6,405	151	-268	(s)	6,823	3,424	50.2	228	186
August	6,611	124	95	3	6,637	3,344	50.4	233	189
September	6,564	169	70	2	6,662	3,338	50.1	237	191
October	6,426	147	-7	3	6,578	3,257	49.5	236	190
November	6,564	148	338	1	6,373	3,198	50.2	248	201
December	6,586	197	91	11	6,681	3,444	51.5	253	203
Average	6,405	157	^f -28	2	6,588	3,264	49.5	253	203
1982									
January	6,167	128	316	18	5,961	3,067	51.5	261	213
February	5,899	133	-172	8	6,196	3,210	51.8	257	208
March	5,994	183	-334	44	6,466	3,358	51.9	247	198
April	6,095	185	-650	33	6,897	3,495	50.7	221	179
May	6,319	182	-177	23	6,655	3,415	51.3	214	173
June	6,754	230	134	14	6,835	3,565	52.2	219	177
July	6,768	225	178	24	6,790	^h 3,568	^h 52.5	226	183
August	6,419	291	81	16	6,614	3,526	53.3	227	185
September	6,527	223	198	22	6,531	3,404	52.1	234	191
October	6,262	185	42	15	6,391	3,351	52.4	234	192
November	6,273	211	-101	11	6,574	3,451	52.5	230	189
December	6,542	178	165	7	6,549	3,485	53.2	^f 235	^f 194
Average	6,338	197	-25	20	6,539	3,409	52.1	^f235	^f194

See footnotes at end of table.

Table 3.4 Finished Motor Gasoline Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^a		
	Total Production	Imports ^b	Stock Change ^{b,c}	Exports	Product Supplied			Total Motor Gasoline ^e	Finished Motor Gasoline
					Total	Unleaded ^d	Unleaded		
Thousand Barrels per Day							Percent of Total	Million Barrels	
1983									
January	6,065	153	f 167	(s)	6,051	3,364	55.6	250	207
February	5,848	128	-24	(s)	6,000	3,264	54.4	250	207
March	5,906	186	-768	23	6,836	3,622	53.0	223	183
April	6,201	255	3	1	6,452	3,492	54.1	221	183
May	6,397	305	83	1	6,617	3,558	53.8	223	185
June	6,655	277	-84	22	6,994	3,792	54.2	223	183
July	6,707	302	225	18	6,765	3,746	55.4	231	190
August	6,537	250	-161	13	6,936	3,836	55.3	226	185
September	6,611	279	149	14	6,727	3,691	54.9	229	189
October	6,188	330	-72	2	6,588	3,711	56.3	227	187
November	6,634	269	298	2	6,603	3,692	55.9	236	196
December	6,308	224	-339	25	6,846	3,966	57.9	222	186
Average	6,340	247	f -45	10	6,622	3,647	55.1	222	186
1984									
January	6,036	231	1	1	6,265	3,605	57.6	226	186
February	6,317	299	383	2	6,231	3,585	57.5	237	197
March	6,359	355	176	9	6,528	3,750	57.4	243	202
April	6,525	319	167	(s)	6,676	3,857	57.8	248	207
May	6,650	346	105	(s)	6,890	4,004	58.1	253	210
June	6,619	296	-209	17	7,107	4,214	59.3	246	204
July	6,450	247	-142	9	6,830	4,057	59.4	238	200
August	6,405	242	-447	1	7,093	4,283	60.4	224	186
September	6,516	349	275	2	6,588	3,973	60.3	234	194
October	6,388	308	-34	1	6,729	4,093	60.8	232	193
November	6,709	286	183	11	6,800	4,245	62.4	240	199
December	6,478	308	215	16	6,555	4,168	63.6	243	205
Average	6,453	299	54	6	6,693	3,987	59.6	243	205
1985									
January	5,926	204	-220	2	6,348	4,016	63.3	234	198
February	5,914	348	-327	2	6,587	4,126	62.6	225	189
March	6,072	481	-115	3	6,664	4,202	63.1	219	186
April	6,344	494	-128	11	6,956	4,396	63.2	215	182
May	6,564	480	-23	8	7,060	4,445	63.0	215	181
June	6,780	396	172	7	6,997	4,482	64.1	218	186
July	6,788	426	188	18	7,008	4,545	64.8	226	192
August	6,814	305	-127	4	7,242	4,755	65.7	222	188
September	6,299	314	-22	6	6,629	4,357	65.7	223	187
October	6,356	324	-235	19	6,897	4,485	65.0	214	180
November	6,480	410	104	17	6,770	4,477	66.1	217	183
December	6,651	386	227	18	6,792	4,561	67.2	223	190
Average	6,419	381	-41	10	6,831	4,406	64.5	223	190
1986									
January	6,522	332	347	6	6,502	4,404	67.7	238	201
February	6,302	334	156	11	6,469	4,365	67.5	244	205
March	6,061	224	-691	21	6,955	4,678	67.3	219	184
April	6,498	291	-338	23	7,105	4,783	67.3	207	174
May	7,095	471	450	9	7,106	4,729	66.5	221	188
June	7,101	392	265	18	7,209	4,914	68.2	230	196
July	6,956	337	-189	47	7,436	5,182	69.7	224	190
August	7,092	303	-83	43	7,435	5,138	69.1	222	187
September	6,891	303	289	40	6,864	4,813	70.1	234	196
October	6,616	322	-372	61	7,250	5,086	70.1	222	184
November	6,895	280	200	96	6,879	4,918	71.5	229	190
December	6,970	320	122	24	7,143	5,193	72.7	233	194
Average	6,752	326	11	33	7,034	4,854	69.0	233	194
1987									
January	6,714	393	528	44	6,535	4,822	73.8	251	211
February	6,365	309	-144	22	6,796	5,068	74.6	250	207
March	6,569	364	-51	20	6,964	5,193	74.6	248	205
April	6,850	374	-133	42	7,314	5,405	73.9	242	201
May	6,991	354	-164	48	7,460	5,569	74.7	235	196
June	7,089	385	-111	46	7,539	5,678	75.3	230	193
July	7,043	452	-119	33	7,581	5,740	75.7	226	189
August	6,933	396	-29	19	7,338	5,656	77.1	226	188
September	6,921	421	107	30	7,205	5,536	76.8	230	191
October	6,668	356	-302	21	7,305	5,636	77.1	218	182
November	6,907	484	208	32	7,151	5,589	78.2	225	188
December	7,015	320	24	59	7,251	5,715	78.8	226	189
Average	6,841	384	-15	35	7,206	5,470	75.9	226	189

See footnotes at end of table.

Table 3.4 Finished Motor Gasoline Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition					Ending Stocks ^a	
	Total Production	Imports ^b	Stock Change ^{b,c}	Exports	Product Supplied			Total Motor Gasoline ^e	Finished Motor Gasoline
					Total	Unleaded ^d	Unleaded		
Thousand Barrels per Day							Percent of Total	Million Barrels	
1988									
January	6,730	357	387	8	6,693	5,395	80.6	240	201
February	6,736	397	75	18	7,039	5,607	79.7	241	203
March	6,715	349	-277	18	7,323	5,894	80.5	232	194
April	6,907	399	-142	18	7,430	5,991	80.6	227	190
May	6,851	437	-43	28	7,303	5,861	80.3	226	189
June	6,983	428	-465	59	7,817	6,336	81.1	210	175
July	7,159	482	148	12	7,482	6,144	82.1	215	179
August	7,209	494	131	15	7,556	6,232	82.5	220	184
September	6,948	443	-28	16	7,404	6,115	82.6	221	183
October	6,858	352	-75	13	7,271	5,988	82.4	218	180
November	7,060	451	118	15	7,379	6,157	83.4	221	184
December	7,303	277	192	45	7,344	6,220	84.7	228	190
Average	6,956	405	3	22	7,336	5,995	81.7	228	190
1989									
January	6,937	353	512	33	6,745	5,754	85.3	249	206
February	6,650	423	-70	24	7,119	6,141	86.3	248	204
March	6,612	381	-471	43	7,421	6,380	86.0	230	189
April	6,811	370	-22	46	7,157	6,248	87.3	227	188
May	6,894	355	-163	31	7,381	6,454	87.5	223	183
June	7,275	386	-180	60	7,780	6,864	88.2	216	178
July	7,360	383	390	57	7,296	6,509	89.2	229	190
August	7,155	360	-260	58	7,717	6,934	89.8	221	182
September	7,069	320	118	31	7,240	6,443	89.0	227	186
October	6,845	389	-97	29	7,302	6,642	91.0	222	183
November	7,046	406	81	18	7,353	6,756	91.9	224	185
December	6,884	306	-257	37	7,410	6,927	93.5	213	177
Average	6,963	369	-35	39	7,328	6,507	88.8	213	177
1990									
January	6,879	417	621	31	6,643	6,246	94.0	236	196
February	6,989	411	169	53	7,179	6,703	93.4	245	201
March	6,613	270	-499	45	7,338	6,894	93.9	227	186
April	6,775	328	-45	28	7,121	6,704	94.1	223	184
May	6,610	585	-189	25	7,358	6,937	94.3	217	178
June	7,101	376	-93	52	7,519	7,099	94.4	213	176
July	7,238	432	133	41	7,496	7,090	94.6	218	180
August	7,326	313	-233	77	7,796	7,383	94.7	210	172
September	7,274	254	511	103	6,914	6,589	95.3	229	188
October	6,880	192	-244	90	7,226	6,883	95.3	220	180
November	6,940	259	-108	66	7,241	6,940	95.8	217	177
December	6,887	264	119	53	6,978	6,713	96.2	220	181
Average	6,959	342	10	55	7,235	6,850	94.7	220	181
1991									
January	6,629	228	162	50	6,645	6,365	95.8	225	186
February	6,573	115	-252	102	6,838	6,577	96.2	219	179
March	6,643	235	-236	97	7,017	6,747	96.1	210	171
April	6,742	381	-67	53	7,137	6,863	96.2	205	169
May	7,063	528	95	59	7,437	7,156	96.2	209	172
June	7,351	364	160	99	7,456	7,184	96.4	214	177
July	7,274	232	-177	122	7,561	7,270	96.2	208	172
August	7,247	385	7	98	7,528	7,248	96.3	209	172
September	7,030	312	195	63	7,083	6,828	96.4	216	178
October	6,749	236	-354	58	7,281	7,038	96.7	203	167
November	7,018	322	228	104	7,008	6,829	97.4	209	173
December	7,354	216	267	79	7,224	7,083	98.0	219	182
Average	6,975	297	3	82	7,188	6,935	96.5	219	182
1992									
January	7,013	246	304	87	6,869	6,760	98.4	229	191
February	6,726	275	-22	59	6,963	6,858	98.5	230	191
March	6,683	247	-278	71	7,137	7,020	98.4	220	182
April	6,954	428	54	90	7,238	7,121	98.4	218	183
May	7,092	392	74	82	7,328	7,219	98.5	220	186
June	7,198	424	76	86	7,460	7,352	98.6	225	188
July	7,195	303	-249	108	7,639	7,524	98.5	215	180
August	6,817	240	-446	123	7,380	7,263	98.4	201	167
September	7,071	418	60	85	7,344	7,235	98.5	206	168
October	7,198	193	-41	94	7,338	7,239	98.6	204	167
November	7,323	170	318	74	7,102	7,016	98.8	214	177
December	7,411	202	32	184	7,396	7,324	99.0	216	178
Average	7,058	294	-11	96	7,268	7,162	98.6	216	178

^a Stocks are totals as of end of period.
^b From 1981-1992, blending components were excluded.
^c A negative number indicates a decrease in stocks and a positive number indicates an increase.
^d Includes gasohol.
^e Includes motor gasoline blending components and gasohol.
^f In January 1975, 1981, and 1983, numerous respondents were added to surveys, thereby affecting stocks reported and stock change calculations.

See Note 4 at end of section.
^g Beginning in 1981, survey forms were modified. See Notes 1 and 2 at end of section.
^h See Note 7 at end of section.
 - =Not applicable. (s)=Less than 500 barrels per day.
 Note: Geographic coverage is the 50 States and the District of Columbia.
 Sources: See end of section.

Table 3.5 Distillate Fuel Oil Supply and Disposition, 1973-1992

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1973							
January	3,031	364	1	-752	11	4,138	131
February	2,940	731	2	-632	2	4,302	113
March	2,670	602	2	-65	2	3,337	111
April	2,513	240	2	114	7	2,635	115
May	2,547	268	2	142	2	2,673	119
June	2,827	222	2	625	8	2,419	138
July	2,754	318	3	743	3	2,328	161
August	2,803	288	2	529	9	2,555	177
September	2,815	313	2	430	25	2,675	190
October	2,913	451	2	413	23	2,930	203
November	2,924	492	2	-93	3	3,508	200
December	3,138	439	2	-121	10	3,690	196
Average	2,822	392	2	115	9	3,092	196
1974							
January	2,882	464	2	-492	4	3,835	181
February	2,399	306	2	-1,145	4	3,849	149
March	2,227	287	2	-655	7	3,164	129
April	2,523	220	2	-109	1	2,852	126
May	2,705	268	2	524	1	2,450	142
June	2,783	220	3	628	1	2,377	161
July	2,792	221	2	704	3	2,309	182
August	2,705	125	2	523	1	2,309	199
September	2,552	152	2	320	1	2,385	208
October	2,700	237	2	53	(s)	2,887	210
November	2,801	454	2	99	2	3,157	213
December	2,925	515	2	-414	3	3,853	^e 200
Average	2,669	289	2	^d 10	2	2,948	^e 200
1975							
January	2,853	334	2	^e -774	(s)	3,963	200
February	2,679	302	2	-822	2	3,803	177
March	2,532	255	2	-503	(s)	3,292	161
April	2,487	110	2	-496	2	3,094	146
May	2,432	136	2	188	(s)	2,382	152
June	2,574	69	1	376	2	2,267	163
July	2,590	104	2	586	(s)	2,109	182
August	2,592	92	2	511	2	2,173	197
September	2,812	130	2	780	(s)	2,163	221
October	2,745	104	1	174	(s)	2,677	226
November	2,767	96	1	321	(s)	2,544	236
December	2,784	138	1	-870	1	3,792	209
Average	2,654	155	2	^{d,e} -41	1	2,851	209
1976							
January	2,734	163	1	-1,399	(s)	4,297	165
February	2,962	218	1	-517	1	3,697	150
March	2,794	153	1	-391	1	3,339	138
April	2,656	96	2	-35	1	2,788	137
May	2,738	97	1	317	1	2,519	147
June	2,886	151	1	600	1	2,436	165
July	2,960	126	2	832	(s)	2,255	191
August	2,982	131	2	873	4	2,237	218
September	2,947	149	2	477	1	2,620	232
October	2,996	144	1	109	1	3,031	236
November	3,181	135	1	-398	1	3,714	224
December	3,255	196	1	-1,216	1	4,667	186
Average	2,924	146	1	-62	1	3,133	186
1977							
January	3,369	347	1	-1,386	1	5,103	143
February	3,696	664	2	-348	1	4,708	133
March	3,173	547	1	278	1	3,442	142
April	2,995	153	2	211	3	2,936	148
May	3,131	99	1	448	(s)	2,782	162
June	3,191	135	1	557	(s)	2,770	179
July	3,198	191	2	840	0	2,550	205
August	3,273	161	2	803	(s)	2,632	230
September	3,312	169	2	767	1	2,714	253
October	3,362	150	1	471	5	3,037	267
November	3,340	188	1	106	3	3,421	271
December	3,323	227	1	-655	2	4,205	250
Average	3,278	250	1	176	1	3,352	250

See footnotes at end of table.

Table 3.5 Distillate Fuel Oil Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1978							
January	3,067	196	1	-1,194	1	4,458	213
February	2,952	212	2	-1,698	16	4,848	166
March	3,015	193	1	-899	(s)	4,108	138
April	2,960	100	2	-56	6	3,111	136
May	3,250	125	1	273	1	3,103	145
June	3,110	146	1	421	(s)	2,837	157
July	3,124	149	2	748	4	2,522	180
August	3,297	143	2	637	4	2,800	200
September	3,185	163	2	684	2	2,664	221
October	3,299	178	1	400	2	3,077	233
November	3,367	223	1	5	3	3,583	233
December	3,361	254	1	-541	2	4,156	216
Average	3,167	173	1	-93	3	3,432	216
1979							
January	3,043	226	1	-1,311	1	4,581	176
February	2,888	196	2	-1,734	7	4,812	127
March	3,020	176	1	-469	1	3,664	113
April	2,946	150	2	79	2	3,016	115
May	3,066	185	1	255	(s)	2,998	123
June	3,153	180	1	611	15	2,708	141
July	3,306	225	2	963	7	2,563	171
August	3,321	218	2	779	(s)	2,761	195
September	3,355	126	2	834	2	2,647	220
October	3,251	211	1	345	1	3,119	231
November	3,240	193	1	186	(s)	3,247	237
December	3,221	229	1	-256	(s)	3,708	229
Average	3,153	193	1	34	3	3,311	229
1980							
January	3,014	179	1	-526	7	3,714	212
February	2,766	237	1	-716	8	3,712	192
March	2,558	193	1	-445	19	3,179	178
April	2,461	154	2	-21	2	2,635	177
May	2,474	126	1	199	1	2,402	183
June	2,647	108	1	439	(s)	2,317	197
July	2,690	117	2	557	3	2,249	214
August	2,462	77	2	403	(s)	2,137	226
September	2,686	101	2	201	(s)	2,587	232
October	2,590	115	1	-215	(s)	2,920	226
November	2,703	133	1	-111	(s)	2,949	222
December	2,891	166	1	-556	(s)	3,615	^e 205
Average	2,662	142	1	-64	3	2,866	^e 205
1981							
January ^f	2,989	273	11	^e -836	(s)	4,109	179
February	2,809	325	11	-246	17	3,373	173
March	2,484	147	9	-264	(s)	2,904	164
April	2,418	116	10	9	3	2,532	165
May	2,454	179	10	232	(s)	2,411	172
June	2,501	225	^d 10	270	(s)	2,464	180
July	2,395	179	10	204	2	2,378	186
August	2,656	174	8	450	(s)	2,388	200
September	2,610	129	10	235	1	2,513	207
October	2,485	119	9	-197	5	2,803	201
November	2,716	124	11	-36	6	2,880	200
December	2,856	95	11	-277	26	3,212	192
Average	2,613	173	10	^e -38	5	2,829	192
1982							
January	2,591	97	10	-876	90	3,484	164
February	2,427	132	11	-605	90	3,085	147
March	2,288	48	10	-682	84	2,945	126
April	2,358	59	13	-612	64	2,978	108
May	2,618	74	10	183	75	2,444	114
June	2,729	102	10	335	55	2,452	124
July	2,734	125	11	789	24	2,058	148
August	2,507	80	10	339	40	2,218	159
September	2,657	61	12	85	139	2,507	161
October	2,838	91	8	289	66	2,581	170
November	2,860	145	8	514	24	2,475	186
December	2,655	109	10	-225	143	2,855	^e 179
Average	2,606	93	10	-35	74	2,671	^e 179

See footnotes at end of table.

Table 3.5 Distillate Fuel Oil Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1983							
January	2,321	68	-	^e -580	173	2,797	168
February	2,135	59	-	-691	105	2,780	148
March	1,993	42	-	-971	59	2,947	118
April	2,171	73	-	-500	47	2,697	103
May	2,444	147	-	186	50	2,354	109
June	2,546	179	-	161	40	2,524	114
July	2,604	267	-	546	55	2,270	131
August	2,615	301	-	379	43	2,495	142
September	2,739	259	-	386	37	2,575	154
October	2,681	260	-	276	55	2,611	163
November	2,680	203	-	-45	54	2,874	161
December	2,522	221	-	-676	54	3,365	140
Average	2,456	174	-	^e -124	64	2,690	140
1984							
January	2,591	299	-	-676	40	3,525	119
February	2,867	454	-	446	41	2,834	132
March	2,479	115	-	-731	66	3,259	110
April	2,342	220	-	-396	32	2,926	98
May	2,624	253	-	15	48	2,814	98
June	2,880	256	-	490	53	2,593	113
July	2,719	199	-	373	40	2,504	124
August	2,661	259	-	287	74	2,559	133
September	2,707	291	-	321	22	2,654	143
October	2,691	421	-	300	47	2,765	152
November	2,826	316	-	291	24	2,827	161
December	2,798	190	-	3	120	2,865	161
Average	2,681	272	-	57	51	2,845	161
1985							
January	2,631	272	-	-603	41	3,465	142
February	2,504	143	-	-748	64	3,330	121
March	2,267	156	-	-714	44	3,093	99
April	2,490	253	-	-82	27	2,798	97
May	2,686	197	-	245	31	2,607	104
June	2,647	152	-	175	30	2,594	110
July	2,646	95	-	193	112	2,436	116
August	2,592	81	-	-62	100	2,636	114
September	2,594	222	-	120	121	2,575	117
October	2,902	262	-	195	67	2,901	123
November	3,102	280	-	543	92	2,747	140
December	3,176	287	-	128	81	3,254	144
Average	2,687	200	-	-48	67	2,868	144
1986							
January	2,899	325	-	-232	126	3,330	136
February	2,563	169	-	-860	176	3,416	112
March	2,643	217	-	-438	131	3,168	99
April	2,788	147	-	-97	128	2,904	96
May	2,858	149	-	95	149	2,762	99
June	2,729	169	-	301	53	2,544	108
July	2,710	313	-	355	75	2,592	119
August	2,922	370	-	607	64	2,621	138
September	2,865	262	-	489	98	2,540	152
October	2,717	243	-	-25	74	2,912	152
November	2,917	254	-	222	72	2,877	158
December	2,943	339	-	-102	55	3,329	155
Average	2,798	247	-	31	100	2,914	155
1987							
January	2,759	222	-	-444	115	3,310	141
February	2,556	253	-	-629	93	3,345	124
March	2,421	297	-	-464	67	3,116	109
April	2,553	192	-	-300	53	2,991	100
May	2,563	203	-	31	51	2,684	101
June	2,689	265	-	104	61	2,790	104
July	2,700	381	-	329	38	2,713	115
August	2,706	222	-	327	47	2,553	125
September	2,748	222	-	68	64	2,838	127
October	2,780	237	-	-187	53	3,151	121
November	3,035	187	-	234	56	2,932	128
December	3,242	378	-	209	92	3,318	134
Average	2,731	255	-	-56	66	2,976	134

See footnotes at end of table.

Table 3.5 Distillate Fuel Oil Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1988							
January	3,010	424	-	-206	82	3,558	128
February	2,667	383	-	-614	107	3,557	110
March	2,706	247	-	-660	74	3,539	90
April	2,867	210	-	171	42	2,864	95
May	2,936	253	-	320	74	2,795	105
June	2,893	222	-	185	76	2,854	110
July	2,784	222	-	308	58	2,640	120
August	2,848	279	-	185	70	2,873	126
September	2,778	307	-	192	72	2,821	131
October	2,827	336	-	-103	48	3,218	128
November	2,909	327	-	19	34	3,183	129
December	3,068	409	-	-171	87	3,560	124
Average	2,859	302	-	-30	69	3,122	124
1989							
January	2,974	346	-	-93	110	3,303	121
February	2,797	331	-	-463	164	3,427	108
March	2,713	439	-	-352	76	3,428	97
April	2,789	301	-	60	56	2,975	99
May	2,750	290	-	35	51	2,954	100
June	2,809	233	-	(s)	39	3,002	100
July	2,848	334	-	498	89	2,596	115
August	2,907	254	-	41	154	2,966	116
September	2,952	249	-	231	81	2,889	123
October	2,906	261	-	-50	90	3,127	122
November	3,063	307	-	-64	123	3,311	120
December	3,266	324	-	-454	130	3,914	106
Average	2,899	306	-	-49	97	3,157	106
1990							
January	3,130	505	-	388	62	3,185	118
February	2,753	357	-	-215	65	3,260	112
March	2,657	281	-	-415	75	3,277	99
April	2,803	308	-	9	59	3,043	99
May	2,874	209	-	108	75	2,900	103
June	2,996	257	-	246	84	2,923	110
July	3,008	236	-	487	30	2,726	125
August	3,131	293	-	156	51	3,218	130
September	2,968	226	-	207	123	2,864	136
October	2,928	190	-	8	150	2,960	136
November	2,915	238	-	-129	188	3,094	132
December	2,917	239	-	-7	347	2,816	132
Average	2,925	278	-	73	109	3,021	132
1991							
January	2,845	192	-	-662	332	3,367	112
February	2,870	139	-	-359	393	2,976	102
March	2,865	206	-	-112	198	2,984	98
April	2,819	258	-	156	81	2,839	103
May	2,929	186	-	132	218	2,765	107
June	2,941	209	-	225	150	2,775	114
July	2,998	155	-	356	149	2,648	125
August	2,961	168	-	214	144	2,770	131
September	3,055	237	-	291	136	2,865	140
October	3,040	207	-	-59	259	3,047	138
November	3,103	249	-	206	224	2,921	144
December	3,107	252	-	-30	302	3,087	144
Average	2,962	205	-	31	215	2,921	144
1992							
January	2,818	232	-	-541	360	3,231	127
February	2,661	217	-	-619	278	3,219	109
March	2,749	238	-	-358	138	3,207	98
April	2,930	202	-	-185	278	3,039	92
May	2,933	179	-	139	222	2,753	96
June	2,995	157	-	268	205	2,679	104
July	3,067	172	-	328	201	2,710	115
August	2,865	229	-	262	127	2,705	123
September	2,983	237	-	168	145	2,908	128
October	3,251	263	-	290	169	3,056	137
November	3,240	236	-	316	230	2,929	146
December	3,179	229	-	-183	276	3,316	141
Average	2,974	216	-	-8	219	2,979	141

^a Beginning in January 1983, crude oil used directly as distillate fuel oil is reported as crude oil product supplied on Table 3.2b rather than as distillate fuel oil product supplied.

^b A negative number indicates a decrease in stocks and a positive number indicates an increase.

^c Stocks are totals as of end of period.

^d See Note 7 at end of section.

^e In January 1975, 1981, and 1983, numerous respondents were added to surveys, thereby affecting stocks reported and stock change calculations.

See Note 4 at end of section.

^f Beginning in January 1981, survey forms were modified. See Note 3 at end of section.

- =Not applicable. (s)=Less than 500 barrels per day.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.6 Residual Fuel Oil Supply and Disposition, 1973-1992

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1973							
January	1,112	2,019	11	-196	31	3,306	49
February	1,038	2,147	11	-218	32	3,382	43
March	955	2,196	11	53	24	3,084	45
April	877	1,705	11	78	39	2,477	47
May	948	1,668	10	70	35	2,521	49
June	915	1,761	24	87	6	2,607	52
July	882	1,597	16	50	34	2,412	53
August	851	1,913	26	7	27	2,755	54
September	878	1,849	19	50	20	2,676	55
October	984	1,597	23	-4	19	2,590	55
November	1,061	1,979	23	-99	5	3,158	52
December	1,158	1,826	16	48	8	2,944	53
Average	971	1,853	17	-5	23	2,822	53
1974							
January	1,072	1,733	17	-224	9	3,036	47
February	1,029	1,904	15	-55	11	2,991	45
March	912	1,713	11	72	9	2,556	47
April	985	1,593	12	137	16	2,437	51
May	995	1,362	12	97	12	2,260	54
June	1,026	1,500	12	118	15	2,405	58
July	1,056	1,474	12	61	7	2,473	60
August	1,067	1,520	11	39	30	2,529	61
September	1,032	1,421	12	-25	15	2,475	60
October	1,099	1,465	13	-51	16	2,611	59
November	1,229	1,753	18	56	8	2,935	60
December	1,335	1,630	12	-22	15	2,983	^d 60
Average	1,070	1,587	13	17	14	2,639	^d 60
1975							
January	1,415	1,657	12	^d -184	15	3,253	69
February	1,354	1,402	13	-98	19	2,849	66
March	1,299	1,293	11	-76	10	2,669	64
April	1,245	1,054	13	73	6	2,232	66
May	1,151	1,160	15	231	8	2,087	73
June	1,152	902	15	-128	21	2,177	70
July	1,155	1,125	18	60	17	2,220	72
August	1,146	1,021	13	11	12	2,157	72
September	1,183	1,311	23	169	19	2,328	77
October	1,165	1,251	16	159	5	2,268	82
November	1,214	1,225	21	42	13	2,405	83
December	1,354	1,283	16	-290	32	2,912	74
Average	1,235	1,223	15	^d -2	15	2,462	74
1976							
January	1,415	1,455	18	-243	13	3,118	67
February	1,394	1,774	17	78	30	3,077	69
March	1,311	1,342	16	-120	10	2,779	65
April	1,283	1,258	17	44	18	2,496	66
May	1,257	1,134	17	-42	10	2,439	65
June	1,241	1,229	17	-29	7	2,509	64
July	1,266	1,455	16	179	11	2,548	70
August	1,321	1,307	16	-43	8	2,678	68
September	1,330	1,452	18	265	8	2,526	76
October	1,351	1,270	18	86	5	2,547	79
November	1,581	1,474	19	-194	16	3,253	73
December	1,772	1,828	18	-30	4	3,645	72
Average	1,377	1,413	17	-5	12	2,801	72
1977							
January	1,892	1,615	13	-245	2	3,761	65
February	1,955	1,996	14	238	8	3,719	71
March	1,720	1,448	13	-8	3	3,185	71
April	1,691	1,140	13	-34	3	2,874	70
May	1,682	1,145	13	104	5	2,729	73
June	1,720	1,181	13	-46	2	2,958	72
July	1,735	1,271	12	187	18	2,812	78
August	1,635	1,441	13	31	9	3,049	79
September	1,750	1,458	12	291	3	2,926	88
October	1,749	1,218	13	270	2	2,707	96
November	1,695	1,094	12	-25	7	2,819	95
December	1,839	1,348	12	-167	12	3,354	90
Average	1,754	1,359	13	48	6	3,071	90

See footnotes at end of table.

Table 3.6 Residual Fuel Oil Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1978							
January	1,868	1,380	13	-269	13	3,518	82
February	1,795	1,582	14	-592	10	3,974	65
March	1,751	1,710	14	-87	22	3,540	62
April	1,548	1,575	14	127	7	3,003	66
May	1,653	1,231	13	194	16	2,686	72
June	1,572	1,031	14	-12	4	2,625	72
July	1,586	1,295	12	112	10	2,772	75
August	1,630	1,275	12	-37	25	2,929	74
September	1,636	1,318	12	238	12	2,716	81
October	1,564	1,121	13	68	8	2,621	83
November	1,662	1,353	13	176	6	2,845	89
December	1,750	1,409	13	47	19	3,107	90
Average	1,667	1,355	13	1	13	3,023	90
1979							
January	1,912	1,371	14	-269	6	3,560	82
February	1,792	1,300	14	-498	10	3,595	68
March	1,719	1,642	14	121	14	3,239	72
April	1,639	1,134	13	277	2	2,507	80
May	1,586	1,051	12	139	8	2,503	84
June	1,548	880	14	-148	8	2,583	80
July	1,575	1,065	13	196	5	2,451	86
August	1,584	1,023	13	55	14	2,550	88
September	1,627	979	10	6	2	2,609	88
October	1,629	1,042	9	123	18	2,540	92
November	1,736	1,046	10	-27	5	2,815	91
December	1,894	1,278	10	155	14	3,013	96
Average	1,687	1,151	12	15	9	2,826	96
1980							
January	1,771	^e 1,339	14	51	5	3,067	97
February	1,773	1,122	14	-214	17	3,105	91
March	1,584	976	14	-87	2	2,658	88
April	1,595	775	13	-102	40	2,444	85
May	1,509	812	12	78	20	2,235	88
June	1,575	749	14	4	14	2,321	88
July	1,480	787	13	-71	60	2,291	86
August	1,444	875	13	43	2	2,286	87
September	1,495	906	10	31	21	2,359	88
October	1,512	875	9	100	70	2,227	91
November	1,579	1,024	10	74	88	2,451	93
December	1,660	1,025	10	-46	62	2,679	^d 92
Average	1,580	939	12	-10	33	2,508	^d 92
1981							
January ^f	1,612	1,015	32	^d -302	65	2,896	82
February	1,565	954	44	-150	125	2,588	78
March	1,424	699	48	-100	145	2,126	75
April	1,320	584	49	-66	151	1,868	73
May	1,223	741	49	170	25	1,817	78
June	1,232	540	49	-291	76	2,037	69
July	1,174	830	48	-2	82	1,971	69
August	1,231	819	50	179	69	1,852	75
September	1,292	841	51	176	126	1,882	80
October	1,238	^e 783	54	-8	202	1,884	80
November	1,227	880	53	49	203	1,909	81
December	1,329	916	52	-110	157	2,250	78
Average	1,321	800	48	^d -37	118	2,088	78
1982							
January	1,235	831	53	-301	235	2,185	69
February	1,186	956	53	-363	213	2,344	58
March	1,123	912	53	-12	197	1,903	58
April	1,166	788	52	-150	234	1,923	54
May	1,128	742	52	172	191	1,560	59
June	1,074	652	50	57	217	1,501	61
July	1,028	657	49	-56	239	1,550	59
August	965	^e 550	47	-203	235	^e 1,530	53
September	1,008	872	44	306	148	1,470	62
October	955	783	43	57	234	1,490	64
November	989	^e 836	43	94	182	1,591	66
December	989	747	43	-6	186	1,598	^d 66
Average	1,070	776	48	-32	209	1,716	^d 66

See footnotes at end of table.

Table 3.6 Residual Fuel Oil Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
Thousand Barrels per Day							Million Barrels
1983							
January	972	691	-	^d -258	294	1,626	61
February	857	647	-	-257	191	1,570	53
March	835	686	-	-227	169	1,579	46
April	941	753	-	10	310	1,374	47
May	936	738	-	141	190	1,342	51
June	828	677	-	-36	218	1,323	50
July	769	684	-	64	90	1,299	52
August	710	739	-	-115	165	1,400	48
September	826	706	-	47	134	1,351	50
October	807	638	-	50	153	1,243	51
November	845	780	-	97	167	1,362	54
December	897	649	-	-182	141	1,587	49
Average	852	699	-	^d -55	185	1,421	49
1984							
January	961	1,059	-	-110	151	1,979	45
February	1,003	1,151	-	416	87	1,651	57
March	889	636	-	-298	204	1,619	48
April	847	651	-	-15	130	1,384	47
May	840	565	-	-32	200	1,237	46
June	849	685	-	15	176	1,344	47
July	770	597	-	76	99	1,192	49
August	800	572	-	-149	260	1,261	45
September	850	606	-	74	214	1,168	47
October	907	461	-	127	174	1,066	51
November	928	585	-	-125	286	1,352	47
December	1,053	627	-	193	299	1,189	53
Average	891	681	-	12	190	1,369	53
1985							
January	1,004	568	-	-219	312	1,480	46
February	1,040	580	-	-41	295	1,366	45
March	963	477	-	35	216	1,190	46
April	912	383	-	2	167	1,126	46
May	793	394	-	-155	185	1,156	41
June	702	400	-	-59	118	1,043	40
July	732	437	-	29	83	1,058	41
August	742	424	-	-108	106	1,168	37
September	808	617	-	207	188	1,031	43
October	912	541	-	228	184	1,042	50
November	932	627	-	-5	275	1,290	50
December	1,055	681	-	4	250	1,483	50
Average	882	510	-	-7	197	1,202	50
1986							
January	940	622	-	-56	211	1,407	49
February	856	604	-	-200	183	1,478	43
March	813	626	-	-108	113	1,435	40
April	933	545	-	-127	202	1,402	36
May	913	675	-	114	129	1,345	39
June	818	712	-	111	43	1,377	43
July	850	673	-	-75	90	1,508	40
August	896	793	-	29	174	1,485	41
September	854	641	-	89	110	1,296	44
October	827	635	-	59	144	1,259	46
November	975	574	-	15	143	1,391	46
December	987	913	-	37	224	1,638	47
Average	889	669	-	-8	147	1,418	47
1987							
January	920	701	-	-81	198	1,504	45
February	825	668	-	-243	221	1,515	38
March	863	559	-	38	150	1,234	39
April	831	476	-	-114	239	1,182	36
May	813	505	-	145	144	1,029	40
June	864	481	-	33	105	1,207	41
July	901	721	-	108	175	1,339	45
August	882	512	-	32	185	1,176	46
September	904	526	-	-42	177	1,296	44
October	887	414	-	39	194	1,069	46
November	928	568	-	145	146	1,205	50
December	1,001	650	-	-83	300	1,434	47
Average	885	565	-	(s)	186	1,264	47

See footnotes at end of table.

Table 3.6 Residual Fuel Oil Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition			Ending Stocks ^c
	Total Production	Imports	Crude Oil Used Directly ^a	Stock Change ^b	Exports	Product Supplied ^a	
	Thousand Barrels per Day							Million Barrels
1988							
January	1,002	805	-	-44	190	1,661	46
February	994	901	-	-33	229	1,698	45
March	948	650	-	-43	165	1,476	44
April	960	495	-	-33	170	1,318	43
May	862	432	-	94	263	938	46
June	880	336	-	-117	249	1,083	42
July	906	479	-	-37	206	1,217	41
August	866	581	-	-97	225	1,320	38
September	852	698	-	220	100	1,230	45
October	852	603	-	-68	181	1,343	42
November	916	785	-	51	146	1,504	44
December	1,069	975	-	20	271	1,754	45
Average	926	644	-	-8	200	1,378	45
1989							
January	949	909	-	84	151	1,623	47
February	930	877	-	-58	146	1,719	46
March	937	706	-	-128	220	1,551	42
April	904	681	-	-52	236	1,401	40
May	934	538	-	77	276	1,119	42
June	953	533	-	54	208	1,223	44
July	862	556	-	-44	176	1,286	43
August	903	501	-	58	225	1,121	45
September	856	454	-	162	137	1,010	49
October	1,001	583	-	50	243	1,292	51
November	1,075	543	-	48	330	1,240	52
December	1,140	680	-	-275	226	1,870	44
Average	954	629	-	-2	215	1,370	44
1990							
January	1,163	825	-	205	186	1,597	50
February	1,060	663	-	36	214	1,474	51
March	976	335	-	-158	277	1,192	46
April	882	559	-	90	200	1,151	49
May	884	507	-	22	141	1,227	50
June	926	485	-	-98	207	1,302	47
July	987	536	-	72	171	1,280	49
August	944	574	-	-1	280	1,238	49
September	909	313	-	15	200	1,007	49
October	799	383	-	-3	160	1,026	49
November	846	387	-	25	243	965	50
December	1,021	484	-	-50	259	1,296	49
Average	950	504	-	13	211	1,229	49
1991							
January	1,001	425	-	-19	320	1,124	48
February	1,050	384	-	-76	299	1,211	46
March	995	332	-	-85	178	1,234	43
April	916	416	-	68	145	1,119	45
May	929	425	-	50	300	1,003	47
June	933	512	-	-103	245	1,303	44
July	871	420	-	-1	176	1,117	44
August	925	599	-	68	216	1,240	46
September	838	481	-	78	168	1,074	48
October	814	438	-	6	217	1,029	48
November	896	455	-	24	189	1,139	49
December	1,051	547	-	28	264	1,307	50
Average	934	453	-	4	226	1,158	50
1992							
January	965	364	-	-144	184	1,289	45
February	957	498	-	-55	176	1,334	44
March	990	397	-	-77	310	1,154	41
April	900	342	-	-78	265	1,055	39
May	964	328	-	67	207	1,019	41
June	894	334	-	-11	230	1,009	41
July	838	280	-	-37	169	986	40
August	815	347	-	125	96	941	44
September	810	349	-	123	149	887	47
October	818	376	-	-72	156	1,110	45
November	895	411	-	49	216	1,041	47
December	862	481	-	-127	158	1,312	43
Average	892	375	-	-20	193	1,094	43

^a Beginning in January 1983, crude oil used directly as residual fuel oil is reported as crude oil product supplied on Table 3.2b rather than as residual fuel oil product supplied.

^b A negative number indicates a decrease in stocks and a positive number indicates an increase.

^c Stocks are totals as of end of period.

^d In January 1975, 1981, and 1983, a new stock basis was established, thereby affecting stocks reported and stock change calculations. See Note 4

at end of section.

^e See Note 7 at end of section.

^f See Note 3 at end of section.

- =Not applicable. (s)=Less than +500 barrels per day and greater than -500 barrels per day.

Note: Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.7 Jet Fuel Supply and Disposition, 1973-1992

	Supply			Disposition				Ending Stocks ^a	
	Production		Imports	Stock Change ^b	Exports	Product Supplied			
	Total	Kerosene Type				Total	Kerosene Type	Total	Kerosene Type
	Thousand Barrels per Day							Million Barrels	
1973									
January	864	694	231	-22	7	1,110	914	25	19
February	898	735	221	22	7	1,090	901	25	20
March	917	722	152	69	6	994	804	28	22
April	887	689	145	10	8	1,015	767	28	23
May	840	646	211	-66	4	1,112	892	26	21
June	836	658	164	-13	5	1,007	784	25	21
July	825	669	232	7	3	1,046	848	26	21
August	844	671	180	-26	1	1,049	816	25	21
September	847	661	235	10	2	1,070	857	25	20
October	875	705	246	14	3	1,104	849	26	21
November	852	689	275	99	3	1,025	829	29	24
December	830	611	259	(s)	2	1,087	848	29	23
Average	859	679	212	8	4	1,059	842	29	23
1974									
January	800	624	136	38	2	895	722	30	24
February	783	610	75	-4	2	860	694	30	24
March	832	617	139	12	3	956	752	30	23
April	868	664	132	58	2	941	723	32	25
May	868	647	205	19	1	1,053	782	32	26
June	810	596	141	-4	3	952	710	32	26
July	802	635	214	-17	5	1,028	814	32	25
August	805	638	206	-22	2	1,031	792	31	25
September	867	651	217	-27	1	1,109	846	30	24
October	868	670	161	12	5	1,011	782	31	25
November	863	646	140	-32	2	1,032	792	30	24
December	861	688	178	-6	2	1,043	834	^c 29	^c 24
Average	836	641	163	2	3	993	771	^c29	^c24
1975									
January	831	693	229	^c 18	2	1,041	871	30	25
February	835	669	200	-42	2	1,075	869	29	24
March	896	698	130	43	1	982	777	30	24
April	864	698	137	-6	1	1,006	814	30	24
May	861	678	133	15	2	977	762	31	25
June	839	675	106	-46	1	989	797	29	24
July	883	696	88	15	2	954	761	30	24
August	958	770	132	42	2	1,046	834	31	25
September	907	716	140	6	2	1,040	806	31	25
October	864	667	106	-28	1	997	776	30	25
November	864	662	89	-48	1	999	763	29	23
December	849	672	109	45	2	911	673	30	25
Average	871	691	133	^c2	2	1,001	791	30	25
1976									
January	889	728	69	8	3	948	806	31	24
February	918	751	71	19	4	965	777	31	25
March	927	756	86	46	2	965	774	33	27
April	927	731	108	24	2	1,010	804	33	28
May	899	684	106	43	1	960	745	35	28
June	879	708	68	-26	1	972	776	34	28
July	933	746	130	-37	2	1,099	885	33	27
August	942	753	38	13	2	965	776	33	27
September	990	772	63	3	2	1,048	805	33	27
October	890	692	50	27	2	911	734	34	27
November	920	731	56	-6	3	978	767	34	27
December	900	715	72	-57	2	1,027	813	32	26
Average	918	731	76	5	2	987	789	32	26
1977									
January	916	739	77	-62	2	1,054	879	30	23
February	973	795	74	9	2	1,036	837	30	24
March	953	757	99	10	2	1,040	808	31	25
April	989	817	86	54	4	1,017	790	32	27
May	977	788	57	42	2	991	784	34	28
June	994	795	30	36	1	988	781	35	29
July	967	787	85	10	1	1,041	843	35	29
August	1,007	816	71	-34	1	1,111	897	34	28
September	1,002	828	53	6	2	1,048	845	34	29
October	972	768	67	22	2	1,016	817	35	28
November	948	755	107	19	1	1,035	806	35	29
December	976	799	90	-27	2	1,091	884	35	28
Average	973	787	75	7	2	1,039	831	35	28

See footnotes at end of table.

Table 3.7 Jet Fuel Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition				Ending Stocks ^a	
	Production		Imports	Stock Change ^b	Exports	Product Supplied			
	Total	Kerosene Type				Total	Kerosene Type	Total	Kerosene Type
	Thousand Barrels per Day							Million Barrels	
1978									
January	921	771	60	(s)	1	980	826	35	28
February	989	825	77	-44	2	1,108	899	33	28
March	967	781	98	-43	2	1,107	908	32	26
April	980	798	122	89	1	1,011	802	35	28
May	1,011	817	108	121	2	997	777	38	32
June	963	788	59	-24	2	1,044	855	38	32
July	923	753	105	13	2	1,014	821	38	32
August	966	770	86	-74	1	1,126	907	36	29
September	989	810	75	-14	1	1,077	879	35	29
October	932	756	65	-72	2	1,067	859	33	28
November	1,011	828	89	-9	2	1,107	905	33	27
December	989	801	86	27	2	1,046	859	34	28
Average	970	791	86	-2	1	1,057	858	34	28
1979									
January	950	788	97	-50	1	1,096	918	32	26
February	998	838	94	-59	1	1,149	951	30	25
March	1,098	932	61	58	1	1,101	916	32	27
April	1,043	859	49	110	1	980	794	36	30
May	980	798	78	68	1	989	796	38	32
June	958	772	57	-80	1	1,095	858	35	30
July	965	778	90	-40	1	1,094	884	34	29
August	1,040	874	49	2	1	1,085	897	34	29
September	958	787	84	-57	1	1,099	908	32	28
October	1,046	857	90	81	(s)	1,055	849	35	30
November	1,029	858	83	41	1	1,070	852	36	31
December	1,072	879	108	76	1	1,103	895	39	33
Average	1,012	835	78	13	1	1,076	876	39	33
1980									
January	1,004	830	96	-3	1	1,103	897	38	33
February	1,026	835	43	-5	2	1,072	883	38	32
March	1,031	843	100	13	2	1,116	866	39	33
April	1,023	840	110	22	3	1,108	887	39	33
May	1,002	834	73	65	2	1,008	794	41	36
June	1,004	819	86	31	1	1,058	844	42	36
July	974	786	93	-44	2	1,110	904	41	34
August	959	749	67	-18	1	1,043	818	40	34
September	1,041	847	77	62	1	1,055	834	42	36
October	976	790	86	30	1	1,031	823	43	37
November	988	800	63	26	1	1,025	809	44	38
December	962	762	60	-60	1	1,082	852	^c 42	^c 36
Average	999	811	80	10	1	1,068	851	^c42	^c36
1981									
January	956	791	15	^c -94	1	1,064	888	39	33
February	948	776	38	-33	1	1,018	830	39	33
March	995	806	76	15	(s)	1,055	840	39	33
April	960	789	55	46	1	968	780	40	35
May	1,006	808	47	131	1	921	714	44	39
June	992	786	68	13	(s)	1,047	838	45	39
July	1,037	823	35	-2	1	1,074	845	45	39
August	976	757	47	-2	1	1,025	829	45	38
September	933	732	46	-53	1	1,030	803	43	37
October	902	713	14	-16	(s)	932	759	43	36
November	960	752	9	-22	9	982	787	42	35
December	945	763	7	-30	7	975	802	41	34
Average	968	775	38	^c-4	2	1,007	809	41	34
1982									
January	897	744	10	-136	8	1,035	871	37	30
February	1,002	817	62	3	9	1,053	833	37	31
March	1,123	902	39	180	3	980	769	43	36
April	1,010	797	47	51	2	1,004	782	44	38
May	903	699	31	-75	1	1,007	799	42	35
June	930	716	3	-60	3	990	761	40	34
July	967	744	31	-5	1	1,002	780	40	33
August	985	781	26	28	1	982	757	41	35
September	977	781	30	-34	9	1,032	840	40	33
October	980	791	20	39	1	960	769	41	34
November	1,015	815	40	-8	9	1,054	845	41	35
December	949	749	7	-121	22	1,055	842	^c 37	^c 31
Average	978	778	29	-12	6	1,013	804	^c37	^c31

See footnotes at end of table.

Table 3.7 Jet Fuel Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition				Ending Stocks ^a	
	Production		Imports	Stock Change ^b	Exports	Product Supplied			
	Total	Kerosene Type				Total	Kerosene Type	Total	Kerosene Type
	Thousand Barrels per Day							Million Barrels	
1983									
January	1,009	808	27	^c 67	9	960	767	41	34
February	1,010	786	8	-48	8	1,059	826	39	33
March	1,042	814	35	71	1	1,006	783	42	35
April	981	793	15	-42	7	1,031	834	40	34
May	1,007	778	29	27	1	1,008	787	41	34
June	1,048	832	26	-1	1	1,074	866	41	34
July	1,037	816	30	-11	1	1,076	861	41	34
August	1,014	812	40	-25	6	1,073	849	40	34
September	1,090	890	44	48	9	1,077	881	41	35
October	1,008	847	49	57	1	1,000	820	43	37
November	1,079	876	23	80	12	1,009	819	46	39
December	946	751	24	-226	15	1,181	975	39	32
Average	1,022	817	29	^c (s)	6	1,046	839	39	32
1984									
January	1,049	870	65	-98	10	1,202	1,011	36	29
February	1,131	938	114	121	5	1,120	919	39	33
March	1,104	893	49	51	1	1,102	898	41	34
April	1,068	871	103	4	6	1,161	903	41	34
May	1,100	890	56	9	1	1,146	905	41	34
June	1,125	916	52	64	9	1,104	892	43	36
July	1,179	948	40	21	10	1,189	956	44	37
August	1,216	973	98	63	2	1,248	992	46	39
September	1,155	926	33	-19	1	1,207	977	45	38
October	1,170	958	56	-10	13	1,224	1,002	45	38
November	1,141	920	36	8	11	1,158	924	45	38
December	1,146	931	39	-95	40	1,241	1,051	42	35
Average	1,132	919	62	9	9	1,175	953	42	35
1985									
January	1,143	958	68	-28	3	1,236	1,018	41	35
February	1,176	981	38	14	22	1,178	966	41	35
March	1,192	1,003	47	69	6	1,163	976	44	37
April	1,159	937	17	-80	5	1,251	1,007	41	35
May	1,145	915	30	36	5	1,134	906	42	36
June	1,125	914	35	14	3	1,142	910	43	37
July	1,177	954	51	8	3	1,217	1,009	43	36
August	1,175	966	13	-44	23	1,209	998	42	35
September	1,195	989	34	13	7	1,209	1,002	42	35
October	1,239	1,036	55	8	28	1,258	1,041	42	36
November	1,299	1,090	42	30	34	1,276	1,066	43	36
December	1,240	1,051	37	-88	21	1,344	1,152	40	34
Average	1,189	983	39	-4	13	1,218	1,005	40	34
1986									
January	1,337	1,143	27	36	38	1,290	1,090	42	35
February	1,347	1,175	35	90	16	1,276	1,093	44	38
March	1,292	1,119	29	111	12	1,199	1,007	48	42
April	1,165	963	43	-66	17	1,257	1,086	46	39
May	1,201	1,004	54	-7	14	1,248	1,030	45	39
June	1,275	1,066	85	32	6	1,322	1,106	46	40
July	1,288	1,084	121	74	10	1,325	1,091	49	42
August	1,269	1,072	85	-3	5	1,352	1,164	48	42
September	1,290	1,093	60	15	14	1,321	1,122	49	42
October	1,314	1,112	38	54	25	1,272	1,066	51	44
November	1,327	1,125	59	-16	22	1,380	1,171	50	43
December	1,414	1,210	48	-13	30	1,445	1,236	50	43
Average	1,293	1,097	57	25	18	1,307	1,105	50	43
1987									
January	1,366	1,192	43	(s)	47	1,361	1,202	50	42
February	1,329	1,135	67	-52	20	1,427	1,213	48	41
March	1,282	1,095	83	-7	8	1,365	1,169	48	41
April	1,254	1,052	65	-31	4	1,345	1,146	47	40
May	1,251	1,035	67	6	4	1,307	1,118	47	39
June	1,252	1,048	66	-47	5	1,360	1,127	46	39
July	1,347	1,126	73	26	5	1,390	1,165	47	39
August	1,399	1,191	54	33	4	1,416	1,199	48	41
September	1,394	1,190	83	82	35	1,361	1,139	50	44
October	1,408	1,189	83	-11	35	1,467	1,264	50	43
November	1,388	1,171	55	38	46	1,359	1,138	51	44
December	1,439	1,233	68	-34	78	1,463	1,288	50	42
Average	1,343	1,138	67	(s)	24	1,385	1,181	50	42

See footnotes at end of table.

Table 3.7 Jet Fuel Supply and Disposition, 1973-1992 (Continued)

	Supply			Disposition				Ending Stocks ^a	
	Production		Imports	Stock Change ^b	Exports	Product Supplied			
	Total	Kerosene Type				Total	Kerosene Type	Total	Kerosene Type
	Thousand Barrels per Day							Million Barrels	
1988									
January	1,415	1,231	85	-141	82	1,560	1,360	46	38
February	1,383	1,205	70	-94	34	1,513	1,281	43	37
March	1,453	1,242	97	108	52	1,390	1,195	46	40
April	1,291	1,088	84	-29	13	1,391	1,173	45	39
May	1,288	1,059	112	25	7	1,368	1,157	46	39
June	1,342	1,133	78	-17	15	1,421	1,206	46	39
July	1,363	1,154	88	43	3	1,404	1,193	47	40
August	1,345	1,138	103	-8	15	1,441	1,237	47	40
September	1,375	1,177	61	-3	16	1,423	1,216	47	40
October	1,366	1,158	146	16	4	1,491	1,277	47	41
November	1,337	1,118	79	-32	9	1,439	1,221	46	40
December	1,476	1,259	74	-75	82	1,543	1,314	44	38
Average	1,370	1,164	90	-17	28	1,449	1,236	44	38
1989									
January	1,503	1,312	101	21	75	1,508	1,334	44	38
February	1,404	1,214	120	-40	21	1,542	1,342	43	37
March	1,396	1,188	101	-2	11	1,488	1,277	43	37
April	1,270	1,074	127	31	16	1,351	1,150	44	38
May	1,249	1,031	120	40	1	1,328	1,103	45	39
June	1,350	1,139	124	-27	1	1,500	1,286	45	38
July	1,410	1,194	113	90	11	1,422	1,219	47	41
August	1,437	1,237	90	28	15	1,484	1,260	48	42
September	1,442	1,218	95	-13	34	1,516	1,316	48	41
October	1,504	1,300	74	74	30	1,474	1,252	50	44
November	1,514	1,305	91	34	52	1,519	1,337	51	44
December	1,354	1,149	115	-335	59	1,745	1,541	41	34
Average	1,403	1,197	106	-8	27	1,489	1,284	41	34
1990									
January	1,527	1,340	163	76	30	1,584	1,404	43	37
February	1,530	1,330	158	120	50	1,519	1,316	47	40
March	1,457	1,256	120	92	30	1,455	1,289	49	42
April	1,357	1,179	103	-91	19	1,531	1,335	47	40
May	1,392	1,194	119	8	8	1,495	1,313	47	40
June	1,388	1,214	125	13	10	1,490	1,320	47	40
July	1,434	1,307	99	117	10	1,406	1,259	51	45
August	1,424	1,250	83	-82	37	1,552	1,363	48	43
September	1,548	1,339	81	48	47	1,534	1,329	50	44
October	1,630	1,463	71	39	77	1,585	1,406	51	45
November	1,606	1,445	93	-19	141	1,578	1,369	50	45
December	1,570	1,411	82	51	60	1,541	1,378	52	46
Average	1,488	1,311	108	31	43	1,522	1,340	52	46
1991									
January	1,509	1,354	67	-55	73	1,559	1,378	50	44
February	1,548	1,384	44	-108	159	1,541	1,360	47	41
March	1,299	1,157	65	-99	40	1,423	1,270	44	38
April	1,286	1,135	73	-8	38	1,329	1,173	44	38
May	1,367	1,191	87	85	35	1,334	1,143	47	41
June	1,473	1,300	64	58	13	1,465	1,280	48	43
July	1,426	1,255	67	-47	31	1,509	1,343	47	41
August	1,486	1,316	88	21	11	1,543	1,343	48	42
September	1,495	1,322	92	71	10	1,506	1,321	50	45
October	1,415	1,253	59	-66	50	1,489	1,319	48	43
November	1,433	1,276	56	15	5	1,469	1,282	48	44
December	1,530	1,357	42	22	59	1,492	1,338	49	44
Average	1,438	1,274	67	-9	43	1,471	1,296	49	44
1992									
January	1,352	1,200	39	-127	44	1,473	1,314	45	40
February	1,311	1,164	56	-73	42	1,398	1,250	43	38
March	1,347	1,215	56	31	7	1,365	1,218	44	39
April	1,286	1,131	74	-68	18	1,409	1,262	42	37
May	1,393	1,214	93	114	26	1,346	1,198	45	40
June	1,374	1,234	86	-21	45	1,436	1,308	45	39
July	1,473	1,328	81	59	62	1,433	1,280	46	42
August	1,471	1,339	111	-32	28	1,585	1,438	45	41
September	1,448	1,296	93	78	20	1,442	1,313	48	43
October	1,408	1,265	105	-12	44	1,480	1,315	47	43
November	1,456	1,319	90	-41	59	1,528	1,411	46	41
December	1,462	1,336	102	-101	112	1,553	1,410	43	39
Average	1,399	1,254	82	-16	43	1,454	1,310	43	39

^a Stocks are totals as of end of period.
^b A negative number indicates a decrease in stocks and a positive number indicates an increase.
^c In January 1975, 1981, and 1983, a new stock basis was established, thereby affecting stocks reported and stock change calculations. See Note 4 at end of section.
 NA=Not available. (s)=Less than +500 barrels per day and greater than -500 barrels per day.
 Note: Geographic coverage is the 50 States and the District of Columbia.
 Sources: See end of section.

Table 3.8 Liquefied Petroleum Gases Supply and Disposition, 1973-1992

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
Thousand Barrels per Day							Million Barrels
1973							
January	1,567	204	-532	280	29	1,994	69
February	1,623	190	-334	249	41	1,857	60
March	1,625	147	125	206	36	1,406	64
April	1,631	90	223	175	27	1,297	70
May	1,660	113	310	170	25	1,268	80
June	1,614	76	334	183	24	1,149	90
July	1,588	87	354	191	25	1,103	101
August	1,571	129	188	213	26	1,273	107
September	1,571	99	147	208	26	1,288	111
October	1,602	149	(s)	241	24	1,485	111
November	1,573	171	-235	262	23	1,694	104
December	1,574	127	-180	259	23	1,598	99
Average	1,600	132	35	220	27	1,449	99
1974							
January	1,540	206	-276	228	27	1,766	90
February	1,588	171	-56	215	22	1,579	89
March	1,630	120	142	190	23	1,394	93
April	1,604	113	218	177	23	1,299	99
May	1,569	117	320	186	23	1,158	109
June	1,574	120	243	193	23	1,235	117
July	1,545	85	251	186	27	1,166	124
August	1,553	83	203	207	24	1,201	131
September	1,531	77	18	222	27	1,341	131
October	1,569	109	-75	252	26	1,475	129
November	1,550	117	-218	274	25	1,587	122
December	1,530	164	-318	307	26	1,678	^c 113
Average	1,565	123	38	220	25	1,406	^c 113
1975							
January	1,534	179	^c -315	304	30	1,694	103
February	1,535	116	-153	276	30	1,498	98
March	1,528	96	-44	247	32	1,388	97
April	1,497	102	142	200	29	1,228	101
May	1,492	38	331	182	25	991	112
June	1,518	93	415	183	22	991	124
July	1,536	98	230	203	23	1,178	131
August	1,577	82	233	202	24	1,200	138
September	1,493	121	105	241	24	1,245	142
October	1,528	139	-34	261	25	1,415	141
November	1,538	130	-83	313	22	1,417	138
December	1,550	148	-417	338	27	1,751	125
Average	1,527	112	^c 35	246	26	1,333	125
1976							
January	1,506	156	-520	302	24	1,855	109
February	1,557	143	-121	279	23	1,518	106
March	1,545	125	97	245	26	1,303	109
April	1,540	85	182	216	26	1,201	114
May	1,551	89	269	211	22	1,138	122
June	1,520	114	268	228	28	1,110	130
July	1,519	89	260	221	24	1,103	138
August	1,517	108	168	223	21	1,213	144
September	1,535	107	119	259	21	1,243	147
October	1,509	172	-106	266	24	1,497	144
November	1,568	177	-322	295	26	1,747	134
December	1,559	190	-579	378	29	1,921	116
Average	1,535	130	-24	260	25	1,404	116
1977							
January	1,494	197	-562	294	29	1,930	99
February	1,531	221	-442	261	19	1,914	87
March	1,569	192	151	237	19	1,354	91
April	1,578	137	247	221	20	1,228	99
May	1,605	136	365	194	14	1,167	110
June	1,560	169	312	170	12	1,235	119
July	1,570	125	376	166	20	1,133	131
August	1,539	167	310	200	16	1,181	141
September	1,533	111	221	205	14	1,203	147
October	1,584	123	30	253	16	1,408	148
November	1,617	151	-128	297	17	1,582	144
December	1,607	212	-256	301	18	1,756	136
Average	1,566	161	55	233	18	1,422	136

See footnotes at end of table.

Table 3.8 Liquefied Petroleum Gases Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
Thousand Barrels per Day							Million Barrels
1978							
January	1,523	171	-471	274	21	1,870	122
February	1,539	171	-363	253	22	1,799	112
March	1,595	113	34	229	20	1,425	113
April	1,574	80	298	178	18	1,160	122
May	1,540	94	254	188	25	1,167	129
June	1,532	99	302	188	20	1,121	138
July	1,496	112	284	185	19	1,120	147
August	1,494	81	252	210	27	1,087	155
September	1,537	94	57	226	13	1,335	157
October	1,508	104	-143	259	18	1,478	152
November	1,559	112	-271	337	21	1,584	144
December	1,550	243	-394	344	15	1,829	^c 132
Average	1,537	123	-12	239	20	1,413	^c 132
1979							
January	1,536	240	^c -632	310	12	2,086	117
February	1,508	238	-575	298	16	2,007	100
March	1,518	238	-169	240	31	1,654	95
April	1,562	149	99	206	13	1,394	98
May	1,555	242	215	218	11	1,352	105
June	1,556	162	250	178	11	1,278	112
July	1,577	231	263	180	10	1,354	120
August	1,597	226	203	181	12	1,427	127
September	1,525	184	116	194	9	1,389	130
October	1,585	181	-129	239	14	1,642	126
November	1,543	254	-221	288	18	1,712	120
December	1,609	258	-288	305	22	1,827	111
Average	1,556	217	^c -70	236	15	1,592	111
1980							
January	1,560	264	-461	291	30	1,963	96
February	1,581	252	-209	252	26	1,764	90
March	1,519	214	-7	211	23	1,506	90
April	1,546	186	339	171	19	1,203	100
May	1,538	181	224	182	17	1,295	107
June	1,528	184	319	170	18	1,205	117
July	1,485	172	283	209	18	1,147	126
August	1,507	158	296	203	17	1,149	135
September	1,495	213	80	228	19	1,382	137
October	1,546	249	-86	259	24	1,597	134
November	1,549	231	-82	304	23	1,535	132
December	1,567	289	-373	319	23	1,888	^c 120
Average	1,535	216	27	233	21	1,469	^c 120
1981							
January	1,617	306	^c -363	352	21	1,913	117
February	1,593	327	-173	303	21	1,769	112
March	1,551	260	4	257	20	^d 1,531	112
April	1,586	214	236	231	26	1,308	119
May	1,587	189	258	220	19	1,279	127
June	1,567	206	208	237	24	1,304	133
July	1,507	213	258	215	17	1,229	141
August	1,592	195	242	235	149	1,160	149
September	1,622	199	75	287	21	1,438	151
October	1,593	287	-72	320	76	1,556	149
November	1,571	280	-86	383	58	1,495	146
December	1,468	255	-379	428	50	1,624	135
Average	1,571	244	^c 18	289	42	1,466	135
1982							
January	1,565	314	-443	391	67	1,863	121
February	1,466	291	-243	327	51	1,621	114
March	1,544	223	-211	289	74	1,615	108
April	1,506	188	-98	257	77	1,458	105
May	1,565	186	71	234	43	1,403	107
June	1,515	192	86	262	106	1,254	109
July	1,476	227	13	253	37	1,399	110
August	1,511	125	45	254	61	1,276	111
September	1,538	247	-37	274	85	1,463	110
October	1,517	194	-97	306	81	1,421	107
November	1,542	267	-175	363	37	1,583	102
December	1,580	258	-256	395	56	1,642	^c 94
Average	^d 1,527	226	-111	300	65	1,499	^c 94

See footnotes at end of table.

Table 3.8 Liquefied Petroleum Gases Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
Thousand Barrels per Day							Million Barrels
1983							
January	1,611	240	^c -520	313	118	1,939	86
February	1,600	305	-128	244	76	1,713	82
March	1,543	166	9	197	127	1,377	82
April	1,607	124	156	198	116	1,260	87
May	1,613	167	225	207	84	1,263	94
June	1,664	172	334	203	59	1,241	104
July	1,656	191	221	217	55	1,354	111
August	1,586	160	199	229	29	1,289	117
September	1,705	178	30	236	86	1,531	118
October	1,688	160	81	268	32	1,467	120
November	1,785	180	-70	362	33	1,640	118
December	1,645	247	-575	363	66	2,038	^c 101
Average	1,642	190	^c -4	253	73	1,509	^c 101
1984							
January	1,615	269	^c -494	340	23	2,015	93
February	1,696	237	-122	324	41	1,690	89
March	1,696	241	-12	288	68	1,593	89
April	1,716	155	139	253	54	1,426	93
May	1,714	211	240	244	42	1,399	100
June	1,714	158	201	237	53	1,380	106
July	1,725	132	139	232	43	1,444	111
August	1,711	154	100	241	34	1,490	114
September	1,693	128	50	283	26	1,462	115
October	1,684	207	-138	322	56	1,650	111
November	1,716	212	-89	376	52	1,588	108
December	1,679	237	-239	349	82	1,724	101
Average	1,697	195	^c -19	291	48	1,572	101
1985							
January	1,676	255	-399	322	70	1,937	88
February	1,689	237	-330	320	72	1,865	79
March	1,684	223	-29	297	52	1,588	78
April	1,696	156	143	262	78	1,368	83
May	1,713	138	219	239	40	1,353	89
June	1,728	181	175	250	51	1,432	95
July	1,713	131	107	249	68	1,420	98
August	1,710	153	98	277	80	1,409	101
September	1,667	132	-61	321	29	1,510	99
October	1,669	209	-304	340	47	1,794	90
November	1,716	188	-192	387	88	1,620	84
December	1,786	239	-337	386	75	1,901	74
Average	1,704	187	-75	304	62	1,599	74
1986							
January	1,850	280	-80	364	47	1,800	71
February	1,815	208	-108	325	74	1,733	68
March	1,693	202	98	250	47	1,500	71
April	1,642	134	200	256	33	1,286	77
May	1,685	196	336	267	40	1,238	87
June	1,649	253	490	228	25	1,158	102
July	1,684	303	450	199	50	1,287	116
August	1,619	271	332	243	53	1,262	126
September	1,631	282	142	288	27	1,456	131
October	1,625	234	-249	332	26	1,750	123
November	1,724	310	-254	417	53	1,817	115
December	1,725	227	-411	456	33	1,875	103
Average	1,695	242	80	302	42	1,512	103
1987							
January	1,751	183	-500	419	43	1,971	87
February	1,762	201	-205	341	38	1,789	81
March	1,761	132	10	282	52	1,550	82
April	1,775	149	121	274	36	1,493	85
May	1,732	142	283	269	34	1,288	94
June	1,732	119	175	255	22	1,400	99
July	1,764	190	145	244	30	1,534	104
August	1,717	198	259	252	33	1,372	112
September	1,736	288	81	266	56	1,622	114
October	1,736	233	-59	294	23	1,711	113
November	1,763	233	-129	356	35	1,735	109
December	1,753	214	-372	395	56	1,887	97
Average	1,748	190	-15	304	38	1,612	97

See footnotes at end of table.

Table 3.8 Liquefied Petroleum Gases Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^d
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
	Thousand Barrels per Day							Million Barrels
1988							
January	1,734	226	-566	383	44	2,099	80
February	1,770	245	-328	366	47	1,929	70
March	1,819	165	-50	292	36	1,707	68
April	1,806	205	361	277	43	1,329	79
May	1,817	165	343	277	37	1,324	90
June	1,814	144	331	256	38	1,333	100
July	1,842	233	380	248	35	1,412	112
August	1,847	241	287	262	50	1,490	121
September	1,841	194	20	274	43	1,698	121
October	1,872	216	-47	318	56	1,761	120
November	1,835	258	-206	445	71	1,782	114
December	1,811	222	-522	461	85	2,010	97
Average	1,817	209	1	321	49	1,656	97
1989							
January	1,885	239	-335	422	19	2,018	87
February	1,798	260	-333	328	31	2,032	78
March	1,909	150	-85	274	43	1,827	75
April	1,950	121	294	242	27	1,507	84
May	1,943	110	428	226	43	1,357	97
June	1,824	155	269	254	35	1,422	105
July	1,850	192	407	247	45	1,343	118
August	1,787	202	272	245	40	1,433	126
September	1,737	182	-46	303	31	1,631	125
October	1,679	176	-313	371	31	1,766	115
November	1,643	179	-389	446	33	1,732	103
December	1,483	205	-749	424	37	1,975	80
Average	1,791	181	-47	315	35	1,668	80
1990							
January	1,684	261	-92	414	44	1,580	77
February	1,743	235	11	339	42	1,587	78
March	1,763	155	80	199	44	1,595	80
April	1,751	150	91	195	25	1,589	83
May	1,761	204	287	209	36	1,433	92
June	1,719	202	469	212	28	1,211	106
July	1,756	157	268	217	36	1,392	114
August	1,825	256	339	236	43	1,463	125
September	1,789	149	37	293	41	1,567	126
October	1,773	159	-243	348	38	1,790	118
November	1,731	140	-296	427	39	1,702	109
December	1,692	184	-370	427	58	1,762	98
Average	1,749	188	48	293	40	1,556	98
1991							
January	1,753	148	-658	364	56	2,139	78
February	1,865	126	-271	322	60	1,880	70
March	1,942	91	113	249	56	1,615	73
April	1,937	154	346	237	31	1,477	84
May	1,989	129	428	239	45	1,407	97
June	1,949	148	328	245	32	1,492	107
July	1,913	151	211	253	24	1,575	113
August	1,899	143	175	255	18	1,594	119
September	1,806	147	-84	288	31	1,718	116
October	1,805	233	33	345	31	1,629	117
November	1,789	156	-330	413	40	1,821	107
December	1,810	139	-488	437	73	1,927	92
Average	1,871	147	-15	304	41	1,689	92
1992							
January	1,820	142	-452	384	80	1,950	78
February	1,917	126	-365	326	33	2,051	68
March	2,033	97	153	247	43	1,687	72
April	2,102	127	401	233	45	1,549	84
May	2,106	106	489	245	44	1,433	100
June	2,102	104	334	257	59	1,556	110
July	2,090	106	345	255	52	1,544	120
August	2,016	148	369	233	55	1,507	132
September	1,886	114	37	299	45	1,620	133
October	1,892	171	-242	369	39	1,898	125
November	1,854	148	-541	403	43	2,097	109
December	1,849	176	-660	453	49	2,184	89
Average	1,972	131	-10	309	49	1,755	89

^a A negative number indicates a decrease in stocks and a positive number indicates an increase.

^b Stocks are totals as of end of period.

^c In January 1975, 1979, 1981, 1983, and 1984, a new stock basis was established, thereby affecting stocks reported and stock change calculations. See Note 4 at end of section.

^d See Note 7 at end of section.

(s)=Less than +500 barrels per day and greater than -500 barrels per day.

Notes: • Liquefied petroleum gases include ethane, ethylene, propane, propylene, normal butane, butylene, isobutane and isobutylene.

• Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.9 Propane and Propylene Supply and Disposition, 1973-1992

(A Subset of Table 3.8)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
	Thousand Barrels per Day							Million Barrels
1973							
January	857	130	-421	16	16	1,376	41
February	889	121	-315	9	26	1,290	32
March	847	89	75	2	20	839	34
April	881	49	157	6	15	752	39
May	891	51	219	5	15	703	46
June	870	39	269	4	13	623	54
July	834	35	277	7	13	572	62
August	819	55	160	11	14	689	67
September	830	42	114	7	13	738	71
October	867	81	79	9	13	847	73
November	832	94	-169	7	11	1,077	68
December	837	65	-106	8	12	986	65
Average	854	71	30	8	15	872	65
1974							
January	803	124	-225	3	15	1,133	58
February	823	96	-53	(s)	12	961	56
March	834	65	74	(s)	13	812	58
April	823	56	137	8	12	722	63
May	796	72	205	12	12	639	69
June	795	35	170	13	12	634	74
July	773	20	128	13	15	637	78
August	795	30	110	13	14	688	81
September	803	27	-9	12	16	811	81
October	818	57	-41	13	14	889	80
November	810	51	-136	13	14	970	76
December	794	75	-234	14	15	1,074	69
Average	805	59	11	9	14	830	69
1975							
January	792	112	-233	12	16	1,110	61
February	801	70	-115	13	17	957	58
March	781	46	-45	12	14	845	57
April	754	39	37	11	15	730	58
May	752	21	218	17	13	525	65
June	769	43	280	9	12	512	73
July	768	59	185	5	13	625	79
August	804	42	147	9	12	679	83
September	774	68	90	9	11	732	86
October	793	81	77	10	12	775	88
November	799	63	30	14	11	807	89
December	810	81	-241	9	14	1,109	82
Average	783	60	36	11	13	783	82
1976							
January	778	92	-399	8	13	1,247	69
February	780	64	-85	12	12	905	67
March	774	60	63	3	14	754	69
April	761	46	127	13	14	652	73
May	765	31	198	16	12	570	79
June	748	54	188	8	15	591	85
July	746	51	143	28	12	614	89
August	745	43	108	14	11	655	92
September	766	55	112	17	11	681	96
October	748	101	-74	7	13	903	93
November	790	97	-245	10	13	1,109	86
December	793	118	-396	12	16	1,278	74
Average	766	68	-22	12	13	830	74
1977							
January	747	118	-516	12	15	1,354	58
February	774	152	-364	8	10	1,271	48
March	779	124	124	10	11	758	51
April	778	64	220	14	11	596	58
May	781	54	245	8	8	574	66
June	756	70	180	16	6	624	71
July	763	56	235	6	10	568	78
August	759	77	192	9	8	627	84
September	758	58	122	8	7	678	88
October	787	68	28	9	9	809	89
November	813	69	-39	6	9	906	88
December	810	129	-201	10	10	1,119	81
Average	775	86	21	10	10	821	81

See footnotes at end of table.

Table 3.9 Propane and Propylene Supply and Disposition, 1973-1992 (Continued)

(A Subset of Table 3.8)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
	Thousand Barrels per Day							Million Barrels
1978							
January	759	98	-344	11	10	1,180	71
February	767	83	-342	6	10	1,175	61
March	790	62	8	7	10	826	61
April	762	51	222	12	10	568	68
May	746	27	197	6	11	558	74
June	748	47	208	11	8	568	80
July	721	45	211	13	8	535	87
August	734	28	136	42	12	572	91
September	769	28	80	9	6	701	94
October	754	54	-59	15	8	845	92
November	775	64	-33	13	9	850	91
December	778	95	-126	12	8	979	^c 87
Average	758	57	15	13	9	778	^c 87
1979							
January	724	120	^c -376	11	7	1,202	74
February	719	77	-403	13	10	1,175	63
March	716	79	-108	13	12	880	60
April	722	86	52	12	8	736	61
May	736	52	153	21	6	609	66
June	707	71	116	11	6	645	69
July	716	70	130	14	6	636	73
August	725	89	74	13	7	720	76
September	687	92	19	17	5	739	76
October	722	87	-121	12	7	911	73
November	721	124	-135	14	9	958	69
December	759	114	-153	15	13	998	64
Average	721	88	^c -61	14	8	849	64
1980							
January	737	124	-329	11	14	1,165	54
February	741	95	-186	15	13	995	48
March	716	67	-62	14	14	817	46
April	718	45	218	15	10	520	53
May	698	27	87	17	8	613	56
June	691	43	165	13	9	547	60
July	676	34	170	12	7	520	66
August	689	46	140	9	7	579	70
September	681	56	70	8	8	650	72
October	708	111	-49	10	9	849	71
November	735	90	57	10	10	749	72
December	742	95	-225	10	10	1,042	^c 65
Average	711	69	4	12	10	754	^c 65
1981							
January	786	106	^c -301	5	11	1,176	60
February	773	117	-117	10	11	987	56
March	756	51	25	6	11	765	57
April	750	38	129	6	12	641	61
May	743	47	227	5	8	549	68
June	722	46	163	6	11	588	73
July	680	69	183	3	7	555	79
August	742	53	109	4	60	621	82
September	748	50	15	4	10	769	82
October	762	97	-90	4	33	912	80
November	745	81	23	6	25	772	80
December	735	85	-152	4	20	949	76
Average	745	70	^c 18	5	18	773	76
1982							
January	739	99	-307	4	25	1,116	66
February	684	72	-147	4	20	879	62
March	706	60	-82	4	37	808	59
April	697	32	-46	3	42	731	58
May	736	45	78	3	27	673	60
June	714	56	70	4	51	645	63
July	703	43	7	3	21	714	63
August	711	40	16	4	30	700	63
September	715	74	1	4	36	748	63
October	678	80	-70	3	38	786	61
November	715	102	-128	4	16	926	57
December	733	53	-102	4	34	849	^c 54
Average	711	63	-59	4	31	798	^c 54

See footnotes at end of table.

Table 3.9 Propane and Propylene Supply and Disposition, 1973-1992 (Continued)

(A Subset of Table 3.8)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
	Thousand Barrels per Day							Million Barrels
1983							
January	732	67	^c -328	4	67	1,056	47
February	730	56	-176	4	54	904	42
March	682	49	-54	4	79	702	40
April	718	49	25	5	88	649	41
May	727	43	197	4	55	513	47
June	747	35	214	4	25	539	53
July	726	22	169	3	24	552	59
August	706	21	130	4	17	576	63
September	724	45	-22	4	42	745	62
October	732	39	-22	5	17	772	61
November	794	42	-26	4	18	839	61
December	742	60	-398	5	27	1,168	^c 48
Average	730	44	^c-24	4	43	751	^c48
1984							
January	778	99	^c -375	5	17	1,230	44
February	813	80	-58	4	24	922	42
March	797	65	-45	4	40	863	41
April	808	49	132	4	29	691	45
May	801	56	189	3	17	648	50
June	802	47	162	4	34	649	55
July	802	33	120	3	28	683	59
August	800	59	84	3	19	753	62
September	809	57	79	3	20	763	64
October	799	83	-72	3	40	911	62
November	845	92	-40	4	37	935	61
December	827	85	-91	3	53	946	58
Average	806	67	^c7	4	30	833	58
1985							
January	811	102	-338	3	51	1,197	47
February	808	112	-213	4	56	1,073	41
March	801	71	-1	2	45	826	41
April	815	43	136	2	62	659	45
May	813	40	149	2	32	669	50
June	807	56	92	2	34	735	53
July	825	48	74	3	48	749	55
August	804	49	73	3	60	717	57
September	797	51	-3	3	23	826	57
October	811	80	-225	4	39	1,073	50
November	832	77	-119	4	66	958	47
December	868	78	-234	3	60	1,116	39
Average	816	67	-50	3	48	883	39
1986							
January	884	137	-94	3	42	1,069	37
February	852	62	-87	4	50	947	34
March	789	50	67	6	27	739	36
April	769	45	141	4	19	649	40
May	803	90	265	4	24	600	49
June	783	113	344	3	18	530	59
July	797	134	311	3	36	580	69
August	802	128	219	3	40	668	75
September	816	178	121	2	15	855	79
October	796	129	-165	2	20	1,068	74
November	850	137	-138	5	28	1,092	70
December	861	116	-223	5	19	1,175	63
Average	817	110	64	4	28	831	63
1987							
January	859	79	-347	5	27	1,253	52
February	823	83	-204	12	20	1,078	46
March	805	59	-56	8	35	876	45
April	831	61	18	8	19	847	45
May	806	67	159	9	21	684	50
June	801	45	124	9	16	697	54
July	839	85	54	9	17	845	56
August	804	82	102	4	19	760	59
September	820	144	-61	9	42	974	57
October	834	136	-76	8	17	1,021	54
November	860	122	-19	10	20	971	54
December	851	91	-197	9	41	1,089	48
Average	828	88	-41	8	24	924	48

See footnotes at end of table.

Table 3.9 Propane and Propylene Supply and Disposition, 1973-1992 (Continued)

(A Subset of Table 3.8)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Product Supplied	
Thousand Barrels per Day							Million Barrels
1988							
January	858	126	-358	8	29	1,306	37
February	862	138	-194	8	30	1,155	31
March	857	89	-35	7	19	954	30
April	863	88	278	8	27	639	38
May	860	79	248	8	20	662	46
June	832	77	207	9	20	674	52
July	859	126	211	8	20	745	59
August	870	120	157	8	27	797	64
September	861	107	-17	9	25	951	63
October	885	104	-42	8	42	981	62
November	878	112	-85	9	46	1,019	59
December	877	106	-284	11	64	1,192	50
Average	863	106	7	8	31	923	50
1989							
January	909	154	-172	12	14	1,209	45
February	862	140	-310	10	26	1,277	36
March	887	101	-134	11	33	1,076	32
April	895	93	148	14	21	804	37
May	887	80	231	12	27	698	44
June	858	105	191	12	26	734	50
July	871	106	223	11	29	714	57
August	847	106	125	10	20	799	60
September	845	107	-45	10	21	966	59
October	826	109	-165	9	23	1,069	54
November	847	108	-190	9	20	1,116	48
December	814	122	-539	8	27	1,439	32
Average	862	111	-52	11	24	990	32
1990							
January	879	186	62	(s)	32	971	33
February	916	152	-9	1	32	1,044	33
March	880	118	-5	(s)	31	973	33
April	869	116	-32	(s)	16	1,001	32
May	853	147	132	(s)	25	842	36
June	836	100	294	(s)	20	622	45
July	860	91	165	(s)	23	763	50
August	880	113	131	(s)	24	838	54
September	888	77	102	0	27	837	57
October	881	91	-81	(s)	30	1,023	55
November	897	72	-31	(s)	29	971	54
December	900	113	-157	0	46	1,124	49
Average	878	115	48	(s)	28	917	49
1991							
January	920	105	-449	0	51	1,422	35
February	923	90	-174	0	40	1,147	30
March	912	56	-10	0	45	933	30
April	900	101	179	0	25	798	35
May	922	90	214	0	31	767	42
June	906	81	223	0	22	741	49
July	901	91	81	0	15	895	51
August	891	73	40	0	13	910	52
September	905	92	-22	0	14	1,006	52
October	902	146	35	0	18	995	53
November	930	82	-37	0	20	1,030	52
December	964	86	-128	(s)	38	1,139	48
Average	915	91	-3	(s)	28	982	48
1992							
January	949	90	-282	(s)	72	1,249	39
February	955	86	-200	(s)	27	1,214	33
March	940	68	-15	(s)	26	997	33
April	961	80	120	0	24	896	36
May	977	72	253	(s)	23	773	44
June	978	66	206	(s)	27	811	50
July	964	68	176	(s)	35	821	56
August	946	85	117	(s)	25	889	59
September	931	71	51	(s)	25	927	61
October	933	104	-88	(s)	30	1,095	58
November	964	99	-243	0	33	1,273	51
December	977	131	-385	0	45	1,448	39
Average	956	85	-24	(s)	33	1,032	39

^a A negative number indicates a decrease in stocks and a positive number indicates an increase.

^b Stocks are totals as of end of period.

^c In January 1979, 1981, 1983, and 1984, a new stock basis was established, thereby affecting stocks reported and stock change calculations.

See Note 4 at end of section.

(s)=Less than 500 barrels per day.

Note: Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 3.10 Other Petroleum Products Supply and Disposition, 1973-1992

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Products Supplied	
	Thousand Barrels per Day							Million Barrels
1973							
January	2,629	248	-221	918	132	2,047	172
February	2,690	250	24	715	174	2,027	173
March	2,675	280	490	427	155	1,883	188
April	2,731	301	387	497	192	1,957	200
May	2,746	265	-4	709	162	2,144	199
June	2,919	274	-131	816	172	2,335	196
July	3,014	312	-175	876	165	2,460	190
August	3,072	324	-298	930	154	2,610	181
September	2,969	318	48	709	164	2,366	182
October	3,004	257	-18	719	144	2,416	182
November	2,840	337	-29	768	153	2,285	181
December	2,698	312	-53	905	175	1,983	179
Average	2,833	290	1	750	162	2,211	179
1974							
January	2,486	287	-75	756	143	1,949	177
February	2,567	327	-66	820	153	1,987	175
March	2,481	328	453	337	147	1,872	189
April	2,601	395	173	680	199	1,943	194
May	2,702	383	313	508	204	2,060	204
June	2,887	244	87	620	194	2,229	207
July	2,985	240	-164	764	210	2,414	202
August	2,984	251	-187	818	185	2,418	196
September	2,797	186	-189	721	125	2,326	190
October	2,841	222	-87	624	173	2,353	187
November	2,728	202	38	649	149	2,094	188
December	2,598	170	(s)	693	177	1,898	^c 188
Average	2,722	269	25	665	172	2,129	^c 188
1975							
January	2,423	171	^c -195	788	154	1,847	184
February	2,319	157	85	475	152	1,764	187
March	2,345	151	261	418	158	1,659	195
April	2,324	126	121	408	151	1,770	198
May	2,445	118	261	289	166	1,846	206
June	2,600	155	-169	637	178	2,109	201
July	2,737	143	-187	688	141	2,238	196
August	2,734	159	12	495	163	2,222	196
September	2,745	145	-174	639	161	2,263	191
October	2,692	132	-154	582	154	2,242	186
November	2,626	115	152	438	129	2,023	191
December	2,557	152	-78	584	193	2,011	188
Average	2,547	144	^c -6	537	158	2,001	188
1976							
January	2,447	184	-33	519	115	2,030	187
February	2,606	215	27	627	178	1,989	188
March	2,583	119	187	352	138	2,025	194
April	2,623	160	56	540	169	2,018	195
May	2,654	117	-13	572	144	2,067	195
June	2,844	97	-71	522	175	2,316	193
July	2,899	102	6	505	204	2,286	193
August	2,927	101	-205	687	166	2,380	187
September	2,878	109	55	446	163	2,322	188
October	2,705	74	-37	494	147	2,174	187
November	2,762	127	67	434	272	2,117	189
December	2,771	153	-30	589	203	2,162	188
Average	2,725	129	(s)	524	172	2,158	188
1977							
January	2,651	155	-222	706	137	2,185	181
February	2,809	194	18	636	144	2,205	182
March	2,875	141	266	406	150	2,194	190
April	2,835	118	133	464	176	2,180	194
May	2,876	115	223	319	176	2,274	201
June	3,018	112	-27	458	199	2,500	200
July	3,137	107	-106	597	161	2,592	197
August	3,109	150	-207	680	165	2,620	190
September	3,029	125	50	414	183	2,506	192
October	3,018	126	-8	482	143	2,526	192
November	3,012	95	9	547	161	2,390	192
December	2,888	124	110	461	171	2,271	195
Average	2,939	130	20	514	164	2,371	195

See footnotes at end of table.

Table 3.10 Other Petroleum Products Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Products Supplied	
	Thousand Barrels per Day							Million Barrels
1978							
January	2,781	72	-86	571	122	2,245	193
February	2,753	113	66	355	151	2,294	195
March	2,847	83	157	391	163	2,218	199
April	2,963	62	64	488	213	2,259	201
May	3,106	77	77	409	144	2,552	204
June	3,196	70	-229	599	177	2,719	197
July	3,192	75	-5	487	156	2,630	197
August	3,274	93	-238	609	171	2,824	189
September	3,311	82	-179	613	195	2,764	184
October	3,178	70	109	247	165	2,727	187
November	3,232	98	109	528	158	2,534	191
December	3,062	71	12	599	167	2,355	191
Average	3,076	80	-12	492	165	2,511	191
1979							
January	2,972	110	45	414	196	2,432	192
February	2,962	81	-7	417	164	2,470	192
March	2,922	102	-31	427	194	2,434	191
April	3,065	44	223	188	216	2,481	198
May	3,223	129	-52	419	238	2,746	196
June	3,276	141	-33	321	198	2,931	195
July	3,227	123	107	243	220	2,780	199
August	3,269	119	-154	353	193	2,996	194
September	3,182	89	-25	295	225	2,775	193
October	3,210	125	-51	372	214	2,800	192
November	3,247	155	179	324	222	2,678	197
December	3,129	174	94	449	219	2,541	200
Average	3,141	116	24	352	208	2,673	200
1980							
January	3,145	173	-140	591	185	2,682	196
February	3,155	124	158	380	172	2,569	200
March	3,097	119	357	149	198	2,511	211
April	3,082	128	352	86	177	2,595	222
May	3,015	150	237	135	225	2,568	229
June	3,012	139	18	250	255	2,629	230
July	2,899	95	-38	356	208	2,469	229
August	2,794	73	-194	351	220	2,490	223
September	2,911	129	-87	234	187	2,706	220
October	2,761	135	-205	351	192	2,557	214
November	2,798	149	-183	475	148	2,508	208
December	2,830	149	-90	362	193	2,514	^c 205
Average	2,957	130	15	310	197	2,566	^c 205
1981							
January	2,865	148	^c 13	851	132	2,017	257
February	2,774	144	233	538	207	1,940	263
March	2,727	154	40	642	210	1,988	265
April	2,752	175	-71	733	191	2,073	263
May	2,886	183	-72	594	237	2,310	260
June	2,933	149	16	656	196	2,214	261
July	2,814	114	-282	791	211	2,208	252
August	2,900	229	35	676	218	2,201	253
September	2,785	240	-162	883	175	2,129	248
October	2,601	227	-177	710	226	2,069	243
November	2,619	253	-11	784	146	1,953	242
December	2,598	235	-41	805	215	1,854	241
Average	2,771	188	^c -42	723	197	2,081	241
1982							
January	2,274	259	142	624	172	1,596	246
February	2,401	243	149	663	129	1,703	250
March	2,343	204	11	725	159	1,652	250
April	2,398	261	-125	796	202	1,786	246
May	2,414	288	-109	824	209	1,777	243
June	2,617	312	-63	812	214	1,967	241
July	2,693	377	6	856	186	2,022	241
August	2,598	320	-246	743	201	2,219	234
September	2,556	345	-71	749	204	2,019	232
October	2,549	363	-283	915	265	2,015	223
November	2,482	383	36	837	260	1,732	224
December	2,375	306	-244	885	253	1,787	^c 216
Average	2,475	305	-68	787	205	^d 1,857	^c 216

See footnotes at end of table.

Table 3.10 Other Petroleum Products Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Products Supplied	
Thousand Barrels per Day							Million Barrels
1983							
January	2,185	295	^c 352	588	262	1,279	230
February	2,219	313	36	673	224	1,599	231
March	2,339	284	77	572	248	1,726	233
April	2,317	388	65	592	239	1,809	235
May	2,398	344	-62	705	241	1,858	233
June	2,561	419	-95	717	291	2,069	231
July	2,600	395	-138	735	207	2,189	226
August	2,681	442	-4	668	235	2,223	226
September	2,702	453	-42	788	227	2,179	225
October	2,570	374	50	711	194	1,991	226
November	2,489	419	-175	912	226	1,948	221
December	2,177	455	-135	883	243	1,642	^c 217
Average	2,437	382	^c -6	712	236	1,877	^c 217
1984							
January	2,327	452	^c 261	570	196	1,751	218
February	2,464	487	130	754	221	1,846	221
March	2,408	436	177	527	257	1,887	227
April	2,516	507	207	623	262	1,931	233
May	2,584	606	96	764	257	2,072	236
June	2,744	489	-455	1,232	334	2,119	222
July	2,685	546	-298	1,022	228	2,279	213
August	2,633	471	-104	637	170	2,402	210
September	2,605	503	69	699	237	2,102	212
October	2,415	576	(s)	709	168	2,113	212
November	2,391	569	-90	945	268	1,839	209
December	2,232	394	-369	1,016	244	1,736	198
Average	2,500	503	^c -32	791	236	2,007	198
1985							
January	2,142	333	116	556	220	1,580	202
February	2,246	461	87	707	182	1,732	204
March	2,272	503	352	633	184	1,606	215
April	2,459	611	86	836	240	1,907	218
May	2,576	807	78	991	186	2,129	220
June	2,799	577	-94	995	258	2,218	217
July	2,817	607	-27	975	238	2,239	216
August	2,912	627	-328	1,328	195	2,341	206
September	2,683	495	-2	823	267	2,090	206
October	2,571	493	-17	861	223	1,997	206
November	2,473	570	152	906	243	1,740	210
December	2,418	505	-138	1,006	284	1,774	206
Average	2,532	550	22	886	227	1,947	206
1986							
January	2,565	514	136	967	273	1,703	210
February	2,521	358	119	747	254	1,758	214
March	2,462	425	-132	854	196	1,968	210
April	2,623	594	166	760	352	1,939	215
May	2,854	605	121	810	284	2,244	218
June	2,934	602	38	853	256	2,388	220
July	2,857	468	-193	1,064	348	2,107	214
August	2,954	487	-333	1,061	296	2,416	203
September	2,935	511	-50	846	263	2,387	202
October	2,655	537	58	666	350	2,119	204
November	2,577	501	-20	940	319	1,837	203
December	2,506	442	-77	1,069	295	1,660	201
Average	2,704	504	-15	888	291	2,045	201
1987							
January	2,487	426	121	659	171	1,962	204
February	2,468	620	441	352	300	1,995	217
March	2,484	580	135	757	274	1,898	221
April	2,679	524	-76	872	250	2,157	219
May	2,799	462	-185	913	316	2,216	213
June	2,951	646	-111	896	315	2,497	210
July	3,016	477	-116	835	251	2,523	206
August	2,941	562	116	693	234	2,460	209
September	2,956	527	-58	903	318	2,321	208
October	2,815	603	-3	971	237	2,213	208
November	2,622	528	-18	975	258	1,936	207
December	2,611	565	-227	1,091	253	2,060	200
Average	2,737	543	-1	829	264	2,187	200

See footnotes at end of table.

Table 3.10 Other Petroleum Products Supply and Disposition, 1973-1992 (Continued)

	Supply		Disposition				Ending Stocks ^b
	Total Production	Imports	Stock Change ^a	Refinery Inputs	Exports	Products Supplied	
	Thousand Barrels per Day							Million Barrels
1988							
January	2,527	622	277	812	272	1,787	209
February	2,523	610	125	753	284	1,971	212
March	2,694	569	174	687	275	2,125	218
April	2,719	710	116	851	275	2,187	221
May	2,783	731	310	501	268	2,435	231
June	2,923	709	-26	777	364	2,518	230
July	2,952	693	-22	831	325	2,511	229
August	3,068	598	-190	796	287	2,774	223
September	2,870	590	-156	850	307	2,459	219
October	2,797	625	-57	762	264	2,453	217
November	2,731	744	75	818	294	2,289	219
December	2,679	539	-354	1,153	310	2,109	208
Average	2,773	645	22	799	294	2,303	208
1989							
January	2,696	646	375	706	236	2,024	220
February	2,553	717	231	726	281	2,032	226
March	2,671	644	114	660	311	2,230	230
April	2,683	727	102	808	290	2,210	233
May	2,882	635	181	688	258	2,391	239
June	3,025	571	-179	838	388	2,549	233
July	3,044	576	-159	955	333	2,491	228
August	2,998	587	-244	893	313	2,623	221
September	2,986	675	125	737	309	2,490	224
October	2,687	632	-42	730	308	2,323	223
November	2,608	645	-77	900	299	2,131	221
December	2,409	486	-266	918	332	1,910	213
Average	2,771	627	12	797	305	2,285	213
1990							
January	2,567	814	86	735	225	2,335	215
February	2,781	680	387	654	298	2,122	226
March	2,670	687	78	795	276	2,207	229
April	2,774	596	-138	869	318	2,320	224
May	2,847	756	295	544	292	2,471	234
June	2,907	879	-160	919	334	2,692	229
July	3,146	732	-148	958	317	2,752	224
August	3,097	673	-291	998	297	2,766	215
September	3,029	674	68	760	265	2,611	217
October	2,848	590	-436	1,211	329	2,334	204
November	2,788	800	206	1,010	270	2,102	210
December	2,644	575	-288	1,172	249	2,087	201
Average	2,842	705	-32	887	289	2,402	201
1991							
January	2,653	748	204	844	317	2,036	207
February	2,668	573	363	726	275	1,876	217
March	2,576	551	151	819	239	1,919	222
April	2,724	607	133	753	228	2,217	226
May	2,853	800	198	900	327	2,228	232
June	3,030	615	-123	1,092	304	2,372	228
July	3,029	776	-143	1,081	321	2,545	224
August	2,993	642	-169	1,013	296	2,496	219
September	3,010	746	101	802	267	2,586	222
October	2,824	611	-218	944	211	2,498	215
November	2,750	850	-81	1,093	238	2,349	213
December	2,797	577	-163	1,147	304	2,085	208
Average	2,826	675	18	936	277	2,269	208
1992							
January	2,702	734	203	787	272	2,175	214
February	2,642	575	183	883	240	1,911	219
March	2,752	713	238	730	239	2,258	227
April	2,900	793	-31	1,043	217	2,464	226
May	2,929	665	-113	910	199	2,598	222
June	3,126	669	-42	787	225	2,826	221
July	3,207	740	-156	996	284	2,822	216
August	3,068	729	-116	884	227	2,802	212
September	3,114	748	188	675	336	2,663	218
October	2,923	701	-182	954	295	2,557	212
November	2,915	697	-24	989	264	2,383	212
December	2,853	711	-165	1,223	352	2,154	207
Average	2,928	707	-3	906	263	2,470	207

^a A negative number indicates a decrease in stocks and a positive number indicates an increase.

^b Stocks are totals as of end of period.

^c In January 1975, 1981, 1983, and 1984, a new stock basis was established, thereby affecting stocks reported and stock change calculations. See Note 4 at end of section.

^d See Note 7 at end of section.

R=Revised data. (s)=Less than +500 barrels per day and greater than -500

barrels per day.

Notes: • Other petroleum products include pentanes plus, other hydrocarbons and alcohol, unfinished oils, gasoline blending components, and all finished petroleum products except finished motor gasoline, distillate fuel oil, residual fuel oil, jet fuel, and liquefied petroleum gases. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Petroleum Notes and Sources

Notes:

1. The Energy Information Administration (EIA) uses a number of sources and methods to maintain the survey respondent lists. On a regular basis, survey managers review such industry publications as the *Oil and Gas Journal* and *Oil Daily* for information on facilities or companies starting up or closing down operations. Those sources are augmented by articles in newspapers, letters from respondents indicating changes in status, and information received from survey systems.

To supplement routine frames maintenance and to provide more thorough coverage, a comprehensive frames investigation is conducted every 3 years. This investigation results in the reassessment and recompilation of the complete frame for each survey. The effort also includes the evaluation of the impact of potential frame changes on the historical time series of data from these respondents. The results of this frame study are usually implemented in January to provide a full year under the same frame.

2. Motor Gasoline: Beginning in January 1981, the EIA expanded its universe to include non-refinery blenders and separated blending components from finished motor gasoline as a reporting category. Also, survey forms were modified to describe refinery operations more accurately.

3. Distillate and Residual Fuel Oils: The requirement to report crude oil in pipelines or burned on leases as either distillate or residual fuel oil has been eliminated. Prior to January 1981, the refinery input of unfinished oils typically exceeded the available supply of unfinished oils. That discrepancy was assumed to be due to the redesignation of distillate and residual fuel oils received as such but used as unfinished oil inputs by the receiving refinery. The imbalance between supply and disposition of unfinished oils would then be subtracted from the production of distillate and residual fuel oils. Two-thirds of that difference was subtracted from distillate and one-third from residual. Beginning in January 1981, the EIA modified its survey forms to account for redesignated product and discontinued the above-mentioned adjustment. For further details, see the EIA, *Petroleum Supply Monthly*.

4. New Stock Basis: In January 1975, 1979, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys, affecting subsequent stocks reported and stock change calculations. Using the expanded coverage (new basis), the end-of-year stocks, in million barrels, would have been:

- Crude Oil: 1982—645 (Total) and 351 (Other Primary).
- Crude Oil and Petroleum Products: 1974—1,121; 1980—1,425; and 1982—1,461.
- Motor Gasoline: 1974—225; 1980—263 (Total) and 214 (Finished); 1982—244 (Total) and 202 (Finished).
- Distillate Fuel Oil: 1974—224; 1980—205; and 1982—186.
- Residual Fuel Oil: 1974—75; 1980—91; and 1982—69.
- Jet Fuel: 1974—30 (Total) and 24 (Kerosene Type); 1980—42 (Total) and 36 (Kerosene Type); and 1982—39 (Total) and 32 (Kerosene Type).
- Liquefied Petroleum Gases: 1974—113; 1978—136; 1980—128; and 1982—102.
- Propane and Propylene: 1978—86; 1980—69; and 1982—57.
- Other Petroleum Products: 1974—190; 1980—207; and 1982—219.

Stock change calculations beginning in 1975, 1979, 1981, and 1983 were made by using new basis stock levels.

In January 1984, changes were made in the reporting of natural gas liquids. As a result, unfractionated stream, which was formerly included in the "Other Petroleum Products Supply and Disposition" table, is now reported on a component basis (ethane, propane, normal butane, isobutane, and pentanes plus). Most of these stocks now appear in the "Liquefied Petroleum Gases Supply and Disposition" table. This change affects stocks reported and stock change calculations in each table. Under the new basis, end-of-year 1983 stocks, in million barrels, would have been:

- Liquefied Petroleum Gases: 1983—108.
- Propane and Propylene: 1983—55.
- Other Petroleum Products: 1983—210.

5. Stocks of Alaskan Crude Oil: Stocks of Alaskan crude oil in transit were included for the first time in January 1981. The major impact of this change is on the reporting of stock change calculations. Using the expanded coverage (new basis), 1980 end-of-year stocks, in million barrels, would have been 488 (Total) and 380 (Other Primary).

6. Petroleum Imports: For 1973-1980, the source information for petroleum product imports is preliminary and incomplete. Because of this, the averages of the monthly "Total" data do not always equal the final annual "Total" data. Where there was sufficient evidence to do so, the "Total" value for a particular month

was adjusted to bring the average of the monthly values closer to the annual value and is noted with an "A."

From January 1973-March 1975, crude oil imports data were collected monthly, but petroleum product imports data were collected only quarterly. The following methodology was used to estimate the monthly "Total" data:

- 1) For each country from which there were crude oil imports in a particular quarter, monthly petroleum product imports were estimated to be in proportion to the crude oil imports from that country during that quarter.
- 2) Total petroleum product imports from OPEC countries were calculated by summing the estimated petroleum product imports from each of the individual OPEC countries.
- 3) Total petroleum product imports from non-OPEC countries were calculated by subtracting the estimated total petroleum product imports

from OPEC countries from the total petroleum product imports from all sources.

- 4) For any country from which there were no crude oil imports in a particular quarter (this applies to only a few non-OPEC countries), monthly petroleum product imports were estimated to be in proportion to the estimated total petroleum product imports from all non-OPEC countries for that quarter.

- 5) "Total" data were then derived by summing the crude oil data and the estimated petroleum product data.

7. Data Discrepancies: Due to differences internal to EIA data processing systems, some small discrepancies exist between data in the *Historical Monthly Energy Review (HMER)* and the *Petroleum Supply Annual (PSA)* and *Petroleum Supply Monthly (PSM)*. Data having discrepancies are marked with a footnote in Section 3 tables and summarized in the table on the following page.

7. Data Discrepancies (Continued). This listing summarizes the data discrepancies between the *Historical Monthly Energy Review (HMER)* and the *Petroleum Supply Annual (PSA)* and *Petroleum Supply Monthly (PSM)*.

HMER Table	Data Series	Time Period	HMER Data	PSA/PSM Data	PSA Sources *
3.1a	Natural Gas Plant Production	1976 Average	1,604	1,603	C
3.1a	Petroleum Products Supplied	January 1982	16,122	16,124	B
3.1b	Exports, Total	1979 Average	471	472	C
3.1b	Exports, Petroleum Products	1979 Average	236	237	C
3.1b	Net Imports	1979 Average	7,985	7,984	C
3.1b	Net Imports	November 1980	5,859	5,858	A
3.1b	Imports, Total	January 1982	5,330	5,332	B
3.1b	Imports, Petroleum Products	January 1982	1,638	1,639	B
3.1b	Net Imports	January 1982	4,502	4,503	B
3.2a	Crude Used Directly	1976 Average	-19	-18	C
3.2a	Imports, SPR	1978 Average	161	162	C
3.2a	Crude Used Directly	1978 Average	-15	-14	C
3.2a	Crude Used Directly	1979 Average	-14	-13	C
3.2a	Crude Used Directly	1980 Average	-14	-13	C
3.2a	Field Production, Alaskan	February 1981	1,620	1,619	B
3.2a	Crude Used Directly	June 1981	-59	-58	B
3.2a	Crude Used Directly	July 1981	-59	-58	B
3.2a	Crude Used Directly	August 1981	-59	-58	B
3.2a	Crude Used Directly	October 1981	-62	-63	B
3.2a	Crude Used Directly	November 1982	-50	-51	B
3.2a	Crude Used Directly	December 1982	-52	-53	B
3.2b	Crude Losses	1976 Average	14	15	C
3.2b	Crude Losses	1980 Average	14	15	C
3.2b	Refinery Input	February 1981	12,903	12,902	B
3.2b	Crude Losses	March 1981	5	6	B
3.2b	Crude Losses	April 1981	4	3	B
3.2b	Crude Losses	July 1981	6	7	B
3.2b	Crude Losses	August 1981	4	5	B
3.2b	Crude Losses	October 1981	4	3	B
3.2b	Crude Losses	April 1982	2	3	B
3.2b	Crude Losses	May 1982	2	3	B
3.2b	Crude Losses	October 1982	1	2	B
3.2b	Crude Losses	November 1982	2	1	B
3.2b	Crude Losses	December 1982	2	1	B
3.3b	Total Arab-OPEC, Total Imports	November 1980	2,339	2,338	A
3.3e	Canada, Total Imports	January 1980	569	570	A
3.3e	Canada, Total Imports	July 1980	379	378	A
3.3g	Netherlands Antilles, Total Imports	April 1980	229	231	A
3.3g	Netherlands Antilles, Total Imports	November 1980	266	264	A
3.3g	Netherlands Antilles, Total Imports	January 1982	177	179	B
3.3h	Total Non-OPEC, Total Imports	January 1982	2,472	2,474	B
3.3h	Total Imports	January 1982	5,330	5,332	B
3.3h	Total Non-OPEC, Total Imports	September 1982	3,471	3,472	B
3.3h	Total Non-OPEC, Total Imports	November 1982	3,509	3,508	B
3.4	Ending Stocks, Total Motor Gasoline (Million barrels)	May 1981	258	259	B
3.4	Product Supplied, Unleaded	July 1982	3,568	3,577	B
3.4	Product Supplied, Unleaded (Percent of total)	July 1982	52.2	52.7	B
3.5	Stock Change	1974 Average	10	9	C
3.5	Stock Change	1975 Average	-41	-40	C
3.5	Crude Used Directly	June 1981	10	9	B
3.6	Imports	January 1980	1,339	1,338	A
3.6	Imports	October 1981	783	786	B
3.6	Imports	August 1982	550	551	B
3.6	Product Supplied	August 1982	1,530	1,531	B
3.6	Imports	November 1982	836	837	B
3.8	Product Supplied	March 1981	1,531	1,530	B
3.8	Total Production	1982 Average	1,527	1,528	C
3.10	Products Supplied	1982 Average	1,857	1,856	C

* PSA issues used as data sources are noted as follows:

A=Petroleum Supply Annual 1981, Volume 1,

B=Petroleum Supply Annual 1983, Volume 1, and

C=Petroleum Supply Annual 1990, Volume 1.

Note: All data are in thousand barrels per day except where noted.

Sources:

Table 3.1 (a,b)

- **1973-1975:** U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Mineral Industry Surveys*, "Petroleum Statement, Annual."
- **1976-1980:** Energy Information Administration (EIA), *Energy Data Reports*, "Petroleum Statement, Annual."
- **1981-1992:** EIA, *Petroleum Supply Annual*.

Table 3.2 (a,b)

- **Annual Data: 1973-1975**—DOI, BOM, *Mineral Industry Surveys*, "Petroleum Statement, Annual." **1976-1980**—EIA, *Energy Data Reports*, "Petroleum Statement, Annual." **1981-1992**—EIA, *Petroleum Supply Annual 1992*, Table S2.
- **Monthly Data:** Sources are the same as those for annual data, except for the following series and dates: **SPR and Other Imports, October-December 1977**—EIA, *Monthly Energy Review*, December 1979. **SPR and Other Imports, January-December 1978**—EIA, *Monthly Energy Review*, August 1980. **SPR and Other Primary Ending Stocks, October 1977 and November 1977**—EIA, *Monthly Energy Review*, December 1979. **SPR and Other Primary Ending Stocks, January-November 1978**—EIA, *Monthly Energy Review*, August 1980. **SPR and Other Stock Change, October 1977-December 1978**—Calculated by EIA using stocks data from the above sources.

Table 3.3 (a-h)

- **Annual Data:** EIA, *Petroleum Supply Annual 1992, Volume 1*, Table S3.
- **Monthly Data: 1973-1975**—DOI, BOM, *Mineral Industry Surveys*, "Petroleum Statement, Annual" and "P.A.D. Districts Supply/Demand Annual." **1976**—EIA, *Energy Data Reports*, "Petroleum Statement, Annual" and "P.A.D. Districts Supply/Demand Annual." **1977**—

EIA, *Energy Data Reports*, "Petroleum Statement, Annual" and "P.A.D. Districts Supply/Demand Annual"; EIA, "Report of Oil Imports into the United States and Puerto Rico, 1977-1985" (Form EIA-814/EIA-815), available only on data tape from the National Technical Information Service (NTIS), Order Number PB87147781; and U.S. Department of Commerce, Census Bureau, Form IM-145. **1978-1980**—EIA, *Energy Data Reports*, "Petroleum Statement, Annual" and "P.A.D. Districts Supply/Disposition, Annual"; EIA, "Report of Oil Imports into the United States and Puerto Rico, 1977-1985" (Form EIA-814/EIA-815), available only on data tape from NTIS, Order Number PB87147781; and U.S. Department of Commerce, Census Bureau, Form IM-145. **1981-1992**—EIA, *Petroleum Supply Annual*.

Table 3.4

- **1973-1975:** DOI, BOM, *Mineral Industry Surveys*, "Petroleum Statement, Annual."
- **1976: Unleaded Product Supplied**—EIA, *Energy Data Reports*, "Petroleum Statement, Annual."
- **1977: Unleaded Product Supplied**—EIA, *Monthly Energy Review*, December 1979.
- **1978 and 1979: Unleaded Product Supplied**—EIA, *Monthly Petroleum Statistics Report*.
- **1976-1979: All Other Series**—EIA, *Energy Data Reports*, "Petroleum Statement, Annual."
- **1980: All Series**—EIA, *Energy Data Reports*, "Petroleum Statement, Annual."
- **1981-1992: All Series**—EIA, *Petroleum Supply Annual*.

Tables 3.5-3.10

- **1973-1975:** DOI, BOM, *Mineral Industry Surveys*, "Petroleum Statement, Annual."
- **1976-1980:** EIA, *Energy Data Reports*, "Petroleum Statement, Annual."
- **1981-1992:** EIA, *Petroleum Supply Annual*.

Section 4

Natural Gas



One cubic foot of natural gas stored in this tank as a liquid at -260 degrees Fahrenheit would expand to occupy over 600 cubic feet of space as a gas at 60 degrees Fahrenheit.

Table 4.1 Natural Gas Production, 1973-1992

(Billion Cubic Feet)

	Gross Withdrawals ^a	Repressuring ^b	Nonhydro-carbon Gases Removed ^c	Vented and Flared ^d	Marketed Production (Wet) ^e	Extraction Loss ^f	Total Dry Gas Production ^g
1973							
January	NA	NA	NA	NA	h 1,948	79	h 1,869
February	NA	NA	NA	NA	h 1,962	79	h 1,883
March	NA	NA	NA	NA	h 1,907	77	h 1,830
April	NA	NA	NA	NA	h 1,814	73	h 1,741
May	NA	NA	NA	NA	h 1,898	77	h 1,821
June	NA	NA	NA	NA	h 1,839	74	h 1,765
July	NA	NA	NA	NA	h 1,880	76	h 1,804
August	NA	NA	NA	NA	h 1,896	77	h 1,819
September	NA	NA	NA	NA	h 1,840	74	h 1,766
October	NA	NA	NA	NA	h 1,875	76	h 1,799
November	NA	NA	NA	NA	h 1,863	75	h 1,788
December	NA	NA	NA	NA	h 1,926	78	h 1,848
Total	24,067	1,171	NA	248	h 22,648	917	h 21,731
1974							
January	NA	NA	NA	NA	h 1,930	79	h 1,851
February	NA	NA	NA	NA	h 1,760	72	h 1,688
March	NA	NA	NA	NA	h 1,895	78	h 1,817
April	NA	NA	NA	NA	h 1,780	73	h 1,707
May	NA	NA	NA	NA	h 1,847	76	h 1,771
June	NA	NA	NA	NA	h 1,740	71	h 1,669
July	NA	NA	NA	NA	h 1,818	75	h 1,743
August	NA	NA	NA	NA	h 1,790	74	h 1,716
September	NA	NA	NA	NA	h 1,755	72	h 1,683
October	NA	NA	NA	NA	h 1,767	73	h 1,694
November	NA	NA	NA	NA	h 1,729	71	h 1,658
December	NA	NA	NA	NA	h 1,790	74	h 1,716
Total	22,850	1,080	NA	169	h 21,601	887	h 20,713
1975							
January	NA	NA	NA	NA	h 1,779	77	h 1,702
February	NA	NA	NA	NA	h 1,645	71	h 1,574
March	NA	NA	NA	NA	h 1,738	75	h 1,663
April	NA	NA	NA	NA	h 1,672	73	h 1,599
May	NA	NA	NA	NA	h 1,689	73	h 1,616
June	NA	NA	NA	NA	h 1,634	71	h 1,563
July	NA	NA	NA	NA	h 1,677	73	h 1,604
August	NA	NA	NA	NA	h 1,677	73	h 1,604
September	NA	NA	NA	NA	h 1,603	70	h 1,533
October	NA	NA	NA	NA	h 1,646	71	h 1,575
November	NA	NA	NA	NA	h 1,618	70	h 1,548
December	NA	NA	NA	NA	h 1,730	75	h 1,655
Total	21,104	861	NA	134	h 20,109	872	h 19,236
1976							
January	NA	NA	NA	NA	h 1,751	75	h 1,676
February	NA	NA	NA	NA	h 1,647	71	h 1,576
March	NA	NA	NA	NA	h 1,714	73	h 1,641
April	NA	NA	NA	NA	h 1,623	69	h 1,554
May	NA	NA	NA	NA	h 1,673	72	h 1,601
June	NA	NA	NA	NA	h 1,640	70	h 1,570
July	NA	NA	NA	NA	h 1,676	72	h 1,604
August	NA	NA	NA	NA	h 1,636	70	h 1,566
September	NA	NA	NA	NA	h 1,565	67	h 1,498
October	NA	NA	NA	NA	h 1,639	70	h 1,569
November	NA	NA	NA	NA	h 1,636	70	h 1,566
December	NA	NA	NA	NA	h 1,753	75	h 1,678
Total	20,944	859	NA	132	h 19,952	854	h 19,098
1977							
January	NA	NA	NA	NA	h 1,740	75	h 1,665
February	NA	NA	NA	NA	h 1,674	72	h 1,602
March	NA	NA	NA	NA	h 1,751	75	h 1,676
April	NA	NA	NA	NA	h 1,644	71	h 1,573
May	NA	NA	NA	NA	h 1,692	73	h 1,619
June	NA	NA	NA	NA	h 1,649	71	h 1,578
July	NA	NA	NA	NA	h 1,674	72	h 1,602
August	NA	NA	NA	NA	h 1,645	71	h 1,574
September	NA	NA	NA	NA	h 1,599	69	h 1,530
October	NA	NA	NA	NA	h 1,628	70	h 1,558
November	NA	NA	NA	NA	h 1,606	69	h 1,537
December	NA	NA	NA	NA	h 1,726	74	h 1,652
Total	21,097	935	NA	137	h 20,025	863	h 19,163

See footnotes at end of table.

Table 4.1 Natural Gas Production, 1973-1992 (Continued)

(Billion Cubic Feet)

	Gross Withdrawals ^a	Repressuring ^b	Nonhydro-carbon Gases Removed ^c	Vented and Flared ^d	Marketed Production (Wet) ^e	Extraction Loss ^f	Total Dry Gas Production ^g
1978							
January	NA	NA	NA	NA	^h 1,743	74	^h 1,669
February	NA	NA	NA	NA	^h 1,649	70	^h 1,579
March	NA	NA	NA	NA	^h 1,748	75	^h 1,673
April	NA	NA	NA	NA	^h 1,668	71	^h 1,597
May	NA	NA	NA	NA	^h 1,664	71	^h 1,593
June	NA	NA	NA	NA	^h 1,623	69	^h 1,554
July	NA	NA	NA	NA	^h 1,693	72	^h 1,621
August	NA	NA	NA	NA	^h 1,658	71	^h 1,587
September	NA	NA	NA	NA	^h 1,576	67	^h 1,509
October	NA	NA	NA	NA	^h 1,635	70	^h 1,565
November	NA	NA	NA	NA	^h 1,607	69	^h 1,538
December	NA	NA	NA	NA	^h 1,710	73	^h 1,637
Total	21,309	1,181	NA	153	^h 19,974	852	^h 19,122
1979							
January	NA	NA	NA	NA	^h 1,772	70	^h 1,702
February	NA	NA	NA	NA	^h 1,656	65	^h 1,591
March	NA	NA	NA	NA	^h 1,755	69	^h 1,686
April	NA	NA	NA	NA	^h 1,693	67	^h 1,626
May	NA	NA	NA	NA	^h 1,716	68	^h 1,648
June	NA	NA	NA	NA	^h 1,643	65	^h 1,578
July	NA	NA	NA	NA	^h 1,662	66	^h 1,596
August	NA	NA	NA	NA	^h 1,689	67	^h 1,622
September	NA	NA	NA	NA	^h 1,635	65	^h 1,570
October	NA	NA	NA	NA	^h 1,705	67	^h 1,638
November	NA	NA	NA	NA	^h 1,724	68	^h 1,656
December	NA	NA	NA	NA	^h 1,823	72	^h 1,751
Total	21,883	1,245	NA	167	^h 20,471	808	^h 19,663
1980							
January	1,960	110	18	12	1,821	70	1,751
February	1,840	105	16	10	1,709	66	1,643
March	1,971	114	17	10	1,830	70	1,760
April	1,806	110	16	10	1,670	64	1,606
May	1,840	118	17	11	1,695	65	1,630
June	1,725	114	16	9	1,586	61	1,525
July	1,756	114	17	9	1,616	62	1,554
August	1,716	114	17	10	1,576	61	1,515
September	1,723	115	17	12	1,579	61	1,518
October	1,790	118	15	10	1,648	63	1,585
November	1,790	112	17	10	1,652	64	1,588
December	1,949	122	18	11	1,798	69	1,729
Total	21,870	1,365	199	125	20,180	777	19,403
1981							
January	1,890	108	20	10	1,752	68	1,684
February	1,702	101	18	10	1,573	61	1,512
March	1,871	109	18	9	1,735	67	1,668
April	1,808	108	18	8	1,674	65	1,609
May	1,838	115	18	7	1,698	66	1,632
June	1,770	109	19	8	1,634	63	1,571
July	1,797	106	20	9	1,663	65	1,598
August	1,841	108	18	10	1,705	66	1,639
September	1,716	114	18	7	1,577	61	1,516
October	1,781	113	18	7	1,643	64	1,579
November	1,714	108	17	6	1,583	61	1,522
December	1,860	114	20	8	1,718	67	1,651
Total	21,587	1,312	222	98	19,956	775	19,181
1982							
January	^R 1,870	108	19	9	^R 1,734	71	^R 1,663
February	^R 1,716	101	18	8	^R 1,589	65	^R 1,524
March	^R 1,822	115	19	7	^R 1,681	69	^R 1,612
April	^R 1,719	108	18	7	^R 1,586	65	^R 1,521
May	^R 1,698	117	17	7	^R 1,557	64	^R 1,493
June	^R 1,647	114	16	7	^R 1,510	62	^R 1,448
July	^R 1,672	119	15	7	^R 1,531	63	^R 1,468
August	^R 1,643	120	18	8	^R 1,497	61	^R 1,436
September	^R 1,574	116	16	6	^R 1,436	59	^R 1,377
October	^R 1,615	126	16	8	^R 1,465	60	^R 1,405
November	^R 1,627	119	18	9	^R 1,481	61	^R 1,420
December	^R 1,669	125	19	10	^R 1,515	62	^R 1,453
Total	^R 20,272	1,388	208	93	^R 18,582	762	^R 17,820

See footnotes at end of table.

Table 4.1 Natural Gas Production, 1973-1992 (Continued)

(Billion Cubic Feet)

	Gross Withdrawals ^a	Repressuring ^b	Nonhydro-carbon Gases Removed ^c	Vented and Flared ^d	Marketed Production (Wet) ^e	Extraction Loss ^f	Total Dry Gas Production ^g
1983							
January	R 1,748	125	20	7	R 1,596	72	R 1,524
February	R 1,521	111	17	7	R 1,386	64	R 1,323
March	R 1,577	125	18	8	R 1,426	66	R 1,360
April	R 1,542	123	16	8	R 1,395	62	R 1,333
May	R 1,532	114	17	9	R 1,392	62	R 1,330
June	R 1,495	121	19	7	R 1,348	60	R 1,288
July	R 1,552	128	18	8	R 1,398	63	R 1,335
August	R 1,532	127	20	8	R 1,377	66	R 1,311
September	R 1,463	123	19	8	R 1,313	64	R 1,249
October	R 1,531	125	18	8	R 1,380	68	R 1,312
November	R 1,522	117	19	9	R 1,377	68	R 1,309
December	R 1,642	119	21	8	R 1,494	75	R 1,419
Total	R 18,659	1,458	222	95	R 16,884	790	R 16,094
1984							
January	R 1,895	135	21	9	R 1,730	79	R 1,651
February	R 1,655	127	17	8	R 1,503	69	R 1,434
March	R 1,700	125	19	9	R 1,546	71	R 1,475
April	R 1,672	132	18	9	R 1,513	69	R 1,444
May	R 1,675	138	19	9	R 1,509	69	R 1,440
June	R 1,624	135	18	9	R 1,462	67	R 1,395
July	R 1,683	137	20	10	R 1,515	69	R 1,446
August	R 1,658	137	19	9	R 1,493	68	R 1,425
September	R 1,580	132	16	9	R 1,423	65	R 1,358
October	R 1,668	143	19	9	R 1,496	69	R 1,427
November	R 1,662	142	17	10	R 1,493	68	R 1,425
December	R 1,795	146	21	8	R 1,620	74	R 1,546
Total	R 20,267	1,630	224	108	R 18,304	838	R 17,466
1985							
January	R 1,833	154	29	8	R 1,642	77	R 1,565
February	R 1,673	148	26	7	R 1,492	70	R 1,422
March	R 1,690	165	28	7	R 1,490	71	R 1,419
April	R 1,601	163	27	8	R 1,403	66	R 1,337
May	R 1,585	161	27	8	R 1,389	66	R 1,323
June	R 1,526	154	23	8	R 1,341	63	R 1,278
July	R 1,570	161	27	8	R 1,374	65	R 1,309
August	R 1,559	153	27	8	R 1,371	65	R 1,306
September	R 1,536	159	25	8	R 1,344	64	R 1,280
October	R 1,595	160	27	8	R 1,400	66	R 1,334
November	R 1,605	164	29	8	R 1,404	66	R 1,338
December	R 1,833	173	32	8	R 1,620	R 75	R 1,545
Total	R 19,607	1,915	326	95	R 17,270	816	R 16,454
1986							
January	R 1,822	163	29	9	R 1,621	R 76	R 1,545
February	R 1,591	150	26	8	R 1,407	R 67	R 1,339
March	R 1,697	167	29	8	R 1,493	R 71	R 1,421
April	R 1,533	155	28	8	R 1,341	R 64	R 1,277
May	R 1,559	158	26	8	R 1,367	R 65	R 1,301
June	R 1,489	145	28	8	R 1,307	63	R 1,245
July	R 1,530	145	28	8	R 1,349	R 64	R 1,285
August	R 1,531	142	29	8	R 1,352	R 67	R 1,285
September	R 1,450	133	25	7	R 1,285	63	R 1,222
October	R 1,549	157	25	8	R 1,359	R 64	R 1,294
November	R 1,636	162	29	9	R 1,435	R 62	R 1,373
December	R 1,744	161	32	9	R 1,542	R 70	R 1,472
Total	R 19,131	1,838	337	98	R 16,859	800	R 16,059
1987							
January	R 1,830	171	34	13	R 1,612	74	R 1,539
February	R 1,648	158	32	9	R 1,449	67	R 1,383
March	R 1,745	171	34	10	R 1,530	70	R 1,460
April	R 1,647	179	30	10	R 1,428	67	R 1,361
May	R 1,641	190	30	10	R 1,411	66	R 1,345
June	R 1,575	186	29	9	R 1,351	63	R 1,289
July	R 1,592	183	26	12	R 1,371	65	R 1,307
August	R 1,618	179	32	11	R 1,396	66	R 1,330
September	R 1,546	177	28	10	R 1,331	63	R 1,269
October	R 1,691	200	35	10	R 1,446	67	R 1,379
November	R 1,730	201	30	9	R 1,490	70	R 1,420
December	R 1,875	212	35	12	R 1,616	R 77	R 1,539
Total	R 20,140	2,208	376	124	R 17,433	812	R 16,621

See footnotes at end of table.

Table 4.1 Natural Gas Production, 1973-1992 (Continued)

(Billion Cubic Feet)

	Gross Withdrawals ^a	Repressuring ^b	Nonhydrocarbon Gases Removed ^c	Vented and Flared ^d	Marketed Production (Wet) ^e	Extraction Loss ^f	Total Dry Gas Production ^g
1988							
January	R 1,932	216	40	12	R 1,664	76	R 1,588
February	R 1,759	196	36	12	R 1,515	69	R 1,446
March	R 1,833	201	40	12	R 1,580	72	R 1,508
April	R 1,691	193	39	12	R 1,447	66	R 1,381
May	R 1,730	204	33	12	R 1,481	68	R 1,414
June	R 1,661	202	39	12	R 1,408	64	R 1,344
July	R 1,680	204	37	13	R 1,426	65	R 1,361
August	R 1,697	203	36	12	R 1,447	66	R 1,381
September	R 1,615	200	38	12	R 1,365	62	R 1,303
October	R 1,753	217	42	12	R 1,482	67	R 1,415
November	R 1,778	217	38	12	R 1,511	69	R 1,442
December	R 1,871	225	42	11	R 1,593	73	R 1,520
Total	R 20,999	2,478	460	143	R 17,918	816	R 17,103
1989							
January	1,871	219	34	11	1,607	70	1,537
February	1,717	193	29	11	1,484	64	1,420
March	1,814	197	31	13	1,573	68	1,505
April	1,743	203	29	12	1,499	65	1,434
May	1,776	214	31	12	1,519	66	1,453
June	1,688	192	28	12	1,456	63	1,393
July	1,725	199	30	12	1,484	64	1,420
August	1,720	207	28	12	1,473	63	1,410
September	1,649	207	28	12	1,402	60	1,342
October	1,724	211	29	12	1,472	64	1,408
November	1,790	214	31	12	1,533	66	1,467
December	1,856	219	33	12	1,592	72	1,520
Total	21,074	2,475	362	142	18,095	785	17,311
1990							
January	1,939	211	25	15	1,688	71	1,617
February	1,720	183	22	10	1,504	63	1,441
March	1,842	211	24	11	1,596	67	1,528
April	1,753	206	24	11	1,512	64	1,449
May	1,781	213	26	13	1,530	65	1,465
June	1,712	191	24	9	1,487	63	1,425
July	1,757	207	26	13	1,512	64	1,449
August	1,765	207	25	14	1,518	64	1,454
September	1,691	199	24	13	1,454	61	1,393
October	1,842	224	23	13	1,582	67	1,515
November	1,826	211	23	13	1,579	67	1,512
December	1,895	225	24	14	1,631	69	1,562
Total	21,523	2,489	289	150	18,594	784	17,810
1991							
January	1,958	235	24	13	1,686	76	1,610
February	1,738	221	22	12	1,483	67	1,417
March	1,889	245	24	13	1,607	72	1,535
April	1,800	234	21	14	1,531	69	1,462
May	1,786	227	23	15	1,522	69	1,453
June	1,713	226	22	14	1,451	65	1,385
July	1,740	236	23	16	1,465	66	1,399
August	1,741	231	23	15	1,471	66	1,405
September	1,716	214	24	14	1,464	66	1,398
October	1,864	245	23	15	1,580	71	1,509
November	1,864	226	23	15	1,600	72	1,528
December	1,942	231	24	15	1,673	75	1,597
Total	21,750	2,772	276	170	18,532	835	17,698
1992							
January	1,952	251	24	14	1,663	77	1,586
February	1,748	247	22	13	1,467	68	1,398
March	1,837	254	22	14	1,547	72	1,475
April	1,801	246	24	13	1,518	71	1,447
May	1,842	248	24	12	1,557	73	1,485
June	1,800	246	23	15	1,515	71	1,444
July	1,842	238	24	16	1,564	73	1,491
August	1,799	237	24	15	1,522	71	1,451
September	1,786	242	21	15	1,508	70	1,437
October	1,899	253	25	13	1,608	75	1,533
November	1,871	246	23	14	1,588	74	1,514
December	1,956	263	24	14	1,656	77	1,579
Total	22,132	2,973	280	168	18,712	872	17,840

^a Gas withdrawn from gas and oil wells.

^b The injection of natural gas into oil and gas formations for pressure maintenance and cycling purposes.

^c See Note 1 at end of section.

^d Vented: Natural gas released into the air on the base site or at processing plants. Flared: Natural gas burned in flares on the base site or at gas processing plants.

^e "Gross Withdrawals" minus "Repressuring," "Nonhydrocarbon Gases Removed," and "Vented and Flared." See Note 2 at end of section.

^f See Note 3 at end of section.

^g "Marketed Production (Wet)" minus "Extraction Loss."

^h May include unknown quantities of nonhydrocarbon gases.

R=Revised data. NA=Not available.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 4.2 Natural Gas Supply and Disposition, 1973-1992

(Billion Cubic Feet)

	Supply					Total Supply/ Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports ^c	Balancing Item ^b		Additions to Storage ^a	Exports ^c	Consumption ^b
1973									
January	e 1,869	NA	NA	93	NA	NA	NA	R 6	2,348
February	e 1,883	NA	NA	84	NA	NA	NA	R 6	2,126
March	e 1,830	NA	NA	R 92	NA	NA	NA	R 4	2,015
April	e 1,741	NA	NA	88	NA	NA	NA	R 8	1,835
May	e 1,821	NA	NA	86	NA	NA	NA	R 9	1,729
June	e 1,765	NA	NA	79	NA	NA	NA	R 4	1,534
July	e 1,804	NA	NA	R 79	NA	NA	NA	R 6	1,558
August	e 1,819	NA	NA	R 84	NA	NA	NA	R 9	1,582
September	e 1,766	NA	NA	R 81	NA	NA	NA	6	1,527
October	e 1,799	NA	NA	R 92	NA	NA	NA	5	1,708
November	e 1,788	NA	NA	R 86	NA	NA	NA	R 6	1,905
December	e 1,848	NA	NA	R 88	NA	NA	NA	R 8	2,182
Total	e 21,731	1,533	NA	1,033	-196	24,101	1,974	77	22,049
1974									
January	e 1,851	NA	NA	86	NA	NA	NA	6	2,230
February	e 1,688	NA	NA	79	NA	NA	NA	6	2,054
March	e 1,817	NA	NA	85	NA	NA	NA	7	2,003
April	e 1,707	NA	NA	83	NA	NA	NA	6	1,691
May	e 1,771	NA	NA	80	NA	NA	NA	R 5	1,608
June	e 1,669	NA	NA	74	NA	NA	NA	8	1,439
July	e 1,743	NA	NA	R 73	NA	NA	NA	8	1,514
August	e 1,716	NA	NA	76	NA	NA	NA	5	1,510
September	e 1,683	NA	NA	R 71	NA	NA	NA	6	1,537
October	e 1,694	NA	NA	83	NA	NA	NA	5	1,706
November	e 1,658	NA	NA	R 83	NA	NA	NA	7	1,827
December	e 1,716	NA	NA	R 86	NA	NA	NA	7	2,104
Total	e 20,713	1,701	NA	959	-289	23,084	1,784	77	21,223
1975									
January	e 1,702	NA	NA	81	NA	NA	NA	4	2,248
February	e 1,574	NA	NA	R 74	NA	NA	NA	7	1,939
March	e 1,663	NA	NA	83	NA	NA	NA	6	1,903
April	e 1,599	NA	NA	82	NA	NA	NA	6	1,575
May	e 1,616	NA	NA	80	NA	NA	NA	7	1,331
June	e 1,563	NA	NA	76	NA	NA	NA	4	1,257
July	e 1,604	NA	NA	80	NA	NA	NA	8	1,313
August	e 1,604	NA	NA	75	NA	NA	NA	6	1,369
September	e 1,533	31	NA	74	R -42	R 1,596	220	6	1,370
October	e 1,575	51	NA	80	R 34	R 1,740	190	6	1,544
November	e 1,548	146	NA	81	R -32	R 1,743	98	5	1,640
December	e 1,655	371	NA	86	R -17	R 2,095	38	8	2,049
Total	e 19,236	1,760	NA	953	-235	21,714	2,104	73	19,538
1976									
January	e 1,676	R 487	NA	84	R 64	R 2,311	R 15	5	2,291
February	e 1,576	R 245	NA	78	R 103	R 2,002	R 59	5	1,938
March	e 1,641	R 185	NA	85	R -113	R 1,798	R 71	6	1,721
April	e 1,554	R 69	NA	86	R -29	R 1,680	R 166	6	1,508
May	e 1,601	R 22	NA	82	R -46	R 1,659	R 220	5	1,434
June	e 1,570	R 25	NA	76	R -58	R 1,613	R 273	5	1,335
July	e 1,604	6	NA	73	R -34	R 1,649	R 271	6	1,372
August	e 1,566	R 16	NA	77	R -68	R 1,591	R 268	6	1,317
September	e 1,498	R 20	NA	74	R -50	R 1,542	R 233	R 7	1,302
October	e 1,569	R 107	NA	85	R -14	R 1,747	R 121	5	1,621
November	e 1,566	R 270	NA	81	R -1	R 1,916	R 36	5	1,875
December	e 1,678	R 468	NA	83	R 29	R 2,258	R 21	5	2,232
Total	e 19,098	1,921	NA	964	-216	21,767	1,756	65	19,946
1977									
January	e 1,665	R 664	NA	87	R 13	R 2,429	R 17	5	2,407
February	e 1,602	R 233	NA	92	R -9	R 1,918	R 97	R 5	1,816
March	e 1,676	R 131	NA	101	R -8	R 1,900	R 181	4	1,715
April	e 1,573	43	NA	84	R -11	R 1,689	R 247	3	1,439
May	e 1,619	17	NA	86	R -22	R 1,700	R 318	3	1,379
June	e 1,578	12	NA	76	R -22	R 1,644	R 306	5	1,333
July	e 1,602	15	NA	R 72	R -21	R 1,668	R 336	7	1,325
August	e 1,574	21	NA	76	R -22	R 1,649	R 280	5	1,364
September	e 1,530	2	NA	75	R 78	R 1,685	R 253	5	1,427
October	e 1,558	44	NA	85	R -12	R 1,675	R 152	5	1,518
November	e 1,537	R 158	NA	86	R -5	R 1,776	R 81	5	1,690
December	e 1,652	R 412	NA	90	R -1	R 2,153	R 40	5	2,108
Total	e 19,163	1,750	NA	1,011	-41	21,883	2,307	56	19,521

See footnotes at end of table.

Table 4.2 Natural Gas Supply and Disposition, 1973-1992 (Continued)

(Billion Cubic Feet)

	Supply					Total Supply/ Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports ^c	Balancing Item ^b		Additions to Storage ^a	Exports ^c	Consumption ^b
1978									
January	e 1,669	R 662	NA	86	R -9	R 2,408	21	5	2,382
February	e 1,579	R 526	NA	77	R -17	R 2,165	21	5	2,139
March	e 1,673	R 276	NA	86	R -22	R 2,013	R 90	5	1,918
April	e 1,597	R 67	NA	78	R -25	R 1,717	R 175	3	1,539
May	e 1,593	30	NA	74	R -27	R 1,670	R 285	5	1,380
June	e 1,554	18	NA	68	R -29	R 1,611	R 357	R 5	1,249
July	e 1,621	16	NA	72	R -30	R 1,679	R 341	5	1,333
August	e 1,587	12	NA	74	R -32	R 1,641	R 351	5	1,285
September	e 1,509	9	NA	73	R -28	R 1,563	R 322	6	1,235
October	e 1,565	28	NA	80	R -26	R 1,647	R 204	3	1,440
November	e 1,538	R 134	NA	91	R -22	R 1,741	R 80	3	1,658
December	e 1,637	R 381	NA	107	R -20	R 2,105	R 32	4	2,069
Total	e 19,122	2,158	NA	966	-287	21,958	2,278	53	19,627
1979									
January	e 1,702	R 675	NA	102	R -26	R 2,453	R 20	R 7	2,426
February	e 1,591	R 568	NA	97	R -25	R 2,231	R 22	5	2,204
March	e 1,686	R 206	NA	113	R -29	R 1,976	R 90	5	1,881
April	e 1,626	73	NA	106	R -31	R 1,774	R 175	5	1,594
May	e 1,648	13	NA	104	R -34	R 1,731	R 297	5	1,429
June	e 1,578	8	NA	101	R -36	R 1,651	R 337	5	1,309
July	e 1,596	19	NA	104	R -35	R 1,684	R 348	6	1,330
August	e 1,622	12	NA	97	R -36	R 1,695	R 348	R 5	1,342
September	e 1,570	14	NA	98	R -34	R 1,648	R 314	5	1,329
October	e 1,638	34	NA	107	R -30	R 1,749	R 189	3	1,557
November	e 1,656	132	NA	R 115	R -28	R 1,875	R 104	3	1,768
December	e 1,751	R 293	NA	110	R -27	R 2,127	R 51	4	2,072
Total	e 19,663	2,047	NA	1,253	-372	22,591	2,295	56	20,241
1980									
January	1,751	438	17	118	-58	2,266	22	6	2,238
February	1,643	465	16	108	-55	2,177	25	5	2,147
March	1,760	292	16	109	R -57	2,120	61	5	2,054
April	1,606	67	12	77	-53	1,709	171	3	1,535
May	1,630	9	11	70	-54	1,666	306	3	1,357
June	1,525	14	10	61	-51	1,559	301	3	1,255
July	1,554	20	10	61	-54	1,591	293	3	1,295
August	1,515	30	10	60	-50	1,565	280	3	1,282
September	1,518	11	10	60	-49	1,550	246	5	1,299
October	1,585	49	12	R 74	R -51	1,669	142	R 5	1,522
November	1,588	194	14	88	-53	1,831	67	R 4	1,761
December	1,729	383	16	98	-57	2,169	35	5	2,129
Total	19,403	1,972	155	985	-640	21,875	1,949	49	19,877
1981									
January	1,684	571	20	91	-44	2,322	38	5	2,279
February	1,512	385	17	85	-39	1,960	60	5	1,895
March	1,668	239	17	80	-44	1,960	56	5	1,899
April	1,609	56	14	69	-42	1,706	213	5	1,488
May	1,632	27	13	62	-43	1,691	261	4	1,426
June	1,571	28	12	65	-41	1,635	321	5	1,309
July	1,598	27	12	66	-42	1,661	342	5	1,314
August	1,639	15	12	64	-43	1,687	369	5	1,313
September	1,516	9	12	67	-40	1,564	293	6	1,265
October	1,579	51	14	79	-41	1,682	158	5	1,519
November	1,522	127	15	82	-40	1,706	82	5	1,619
December	1,651	396	19	93	-43	2,116	35	5	2,076
Total	19,181	1,930	176	904	-500	21,691	2,228	59	19,404
1982									
January	R 1,663	697	19	98	R -50	2,427	24	3	2,400
February	R 1,524	461	16	85	R -46	2,040	51	5	1,984
March	R 1,612	274	15	82	R -49	1,934	91	5	1,838
April	R 1,521	112	12	72	R -45	1,672	185	2	1,485
May	R 1,493	11	9	65	R -45	1,533	394	3	1,136
June	R 1,448	11	9	61	R -44	1,485	364	6	1,115
July	R 1,468	12	9	67	R -44	1,512	362	5	1,145
August	R 1,436	36	9	61	R -43	1,499	342	6	1,151
September	R 1,377	20	9	66	R -42	1,430	285	5	1,140
October	R 1,405	62	11	77	R -42	1,513	197	5	1,311
November	R 1,420	168	13	91	R -43	1,649	85	5	1,559
December	R 1,453	299	14	110	R -44	1,832	88	5	1,739
Total	R 17,820	2,164	145	933	R -537	20,525	2,472	52	18,001

See footnotes at end of table.

Table 4.2 Natural Gas Supply and Disposition, 1973-1992 (Continued)

(Billion Cubic Feet)

	Supply					Total Supply/ Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports ^c	Balancing Item ^b		Additions to Storage ^a	Exports ^c	Consumption ^b
1983									
January	R 1,524	R 627	R 16	112	R -36	R 2,243	R 44	5	R 2,195
February	R 1,323	R 335	R 12	95	R 122	R 1,886	R 48	5	R 1,833
March	R 1,360	R 401	12	86	R -90	R 1,769	R 39	5	R 1,726
April	R 1,333	R 110	R 10	74	R 94	R 1,620	R 117	5	R 1,499
May	R 1,330	R 33	R 8	61	R 39	R 1,472	205	5	R 1,262
June	R 1,288	R 30	8	59	R -20	R 1,366	R 261	3	R 1,102
July	R 1,335	R 31	8	58	R -68	R 1,365	R 280	5	R 1,081
August	R 1,311	R 33	R 10	56	R -65	R 1,345	R 257	6	R 1,082
September	R 1,249	R 33	R 10	67	R -103	R 1,256	R 234	4	R 1,018
October	R 1,312	R 52	10	64	R -131	R 1,307	R 196	4	R 1,107
November	R 1,309	R 250	R 13	80	R -274	R 1,378	R 67	5	R 1,306
December	R 1,419	R 334	R 16	107	R -172	R 1,703	R 75	5	R 1,624
Total	R 16,094	2,270	132	918	Rf -703	18,712	1,822	55	16,835
1984									
January	R 1,651	R 579	13	97	R 59	2,400	55	5	2,340
February	R 1,434	310	10	69	R 198	2,020	61	5	R 1,955
March	R 1,475	371	10	69	R -30	1,895	49	6	1,840
April	R 1,444	102	8	71	R 125	1,750	147	5	R 1,599
May	R 1,440	31	7	66	R 65	R 1,609	259	5	R 1,346
June	R 1,395	28	7	59	R 18	R 1,507	329	3	R 1,175
July	R 1,446	29	7	55	R -28	R 1,509	353	5	1,152
August	R 1,425	31	8	54	R -36	R 1,482	324	5	1,154
September	R 1,358	31	8	57	R -70	R 1,384	295	5	1,085
October	R 1,427	48	8	R 66	R -118	R 1,431	247	5	1,180
November	R 1,425	231	11	R 85	R -269	R 1,482	85	5	R 1,392
December	R 1,546	309	13	94	R -132	R 1,830	94	5	1,732
Total	R 17,466	2,098	110	843	Rf -217	20,300	2,295	55	17,951
1985									
January	R 1,565	R 651	13	104	R -195	R 2,138	32	5	R 2,102
February	R 1,422	447	9	99	R 222	R 2,199	47	5	R 2,147
March	R 1,419	225	8	90	R 83	R 1,824	98	6	R 1,720
April	R 1,337	91	11	76	R 144	R 1,658	208	5	R 1,446
May	R 1,323	23	11	73	R 19	R 1,449	300	2	R 1,147
June	R 1,278	31	10	65	R -46	R 1,338	257	5	R 1,076
July	R 1,309	45	12	59	R 15	R 1,440	315	6	R 1,119
August	R 1,306	50	12	61	R -22	R 1,406	283	5	R 1,118
September	R 1,280	20	9	63	R -49	R 1,323	277	5	R 1,041
October	R 1,334	71	12	76	R -137	R 1,355	203	5	R 1,147
November	R 1,338	207	9	77	R -214	R 1,416	99	5	R 1,313
December	R 1,545	R 537	R 13	106	R -248	R 1,953	44	5	R 1,904
Total	R 16,454	2,397	126	950	R -428	19,499	2,163	55	17,281
1986									
January	R 1,545	421	12	99	R 129	R 2,205	48	5	R 2,153
February	R 1,339	375	11	74	R 143	R 1,942	54	3	R 1,885
March	R 1,421	215	11	55	R 144	R 1,846	109	5	R 1,731
April	R 1,277	73	8	43	R 95	R 1,496	142	6	R 1,348
May	R 1,301	42	8	52	R 25	R 1,428	260	3	R 1,165
June	R 1,245	24	8	44	R -19	R 1,302	260	6	R 1,036
July	R 1,285	29	8	48	R -53	R 1,317	281	6	R 1,031
August	R 1,285	26	8	51	R -83	R 1,286	285	6	R 995
September	R 1,222	25	8	54	R -121	R 1,188	244	5	R 940
October	R 1,294	48	9	69	R -206	R 1,214	192	5	R 1,016
November	R 1,373	200	10	70	R -329	R 1,324	74	6	R 1,244
December	R 1,472	358	R 15	90	R -217	R 1,718	36	6	R 1,676
Total	R 16,059	1,837	113	750	R -493	18,266	1,984	61	16,221
1987									
January	R 1,539	521	R 10	101	R -3	R 2,168	38	5	R 2,125
February	R 1,383	325	9	84	R 156	R 1,957	35	3	R 1,918
March	R 1,460	213	9	86	R 89	R 1,857	105	5	R 1,748
April	R 1,361	101	8	68	R 67	R 1,605	166	3	R 1,436
May	R 1,345	28	7	61	R 43	R 1,484	298	3	R 1,183
June	R 1,289	21	7	58	R -19	R 1,355	252	5	R 1,098
July	R 1,307	27	8	66	R -81	R 1,327	230	5	R 1,092
August	R 1,330	43	8	75	R -81	R 1,374	245	5	R 1,125
September	R 1,269	19	7	73	R -88	R 1,279	231	5	R 1,043
October	R 1,379	86	8	93	R -193	R 1,373	148	5	R 1,220
November	R 1,420	155	9	107	R -164	R 1,527	105	6	R 1,416
December	R 1,539	365	R 15	121	R -170	R 1,870	59	5	R 1,806
Total	R 16,621	1,905	101	993	R -444	19,176	1,911	54	17,211

See footnotes at end of table.

Table 4.2 Natural Gas Supply and Disposition, 1973-1992 (Continued)

(Billion Cubic Feet)

	Supply					Total Supply/ Disposition ^d	Disposition		
	Total Dry Gas Production	Withdrawals from Storage ^a	Supplemental Gaseous Fuels ^b	Imports ^c	Balancing Item ^b		Additions to Storage ^a	Exports ^c	Consumption ^b
1988									
January	R 1,588	586	12	R 138	R -85	R 2,238	47	5	2,187
February	R 1,446	462	11	R 116	R 57	R 2,092	50	5	2,038
March	R 1,508	259	10	R 112	R 83	1,972	99	6	1,867
April	R 1,381	92	8	R 95	R 60	1,635	165	6	1,464
May	R 1,414	46	7	R 93	R 34	1,594	288	4	1,302
June	R 1,344	36	7	93	R -21	R 1,459	280	8	1,170
July	R 1,361	42	7	100	R -29	R 1,481	300	5	R 1,176
August	R 1,381	52	7	R 95	R -19	1,516	288	6	1,222
September	R 1,303	46	6	R 96	R -31	1,420	314	7	1,099
October	R 1,415	92	8	R 107	R -183	R 1,439	202	R 5	1,232
November	R 1,442	159	9	121	R -154	R 1,576	117	7	1,453
December	R 1,520	397	11	R 128	R -165	1,891	62	9	1,820
Total	R 17,103	2,270	101	1,294	R -453	20,315	2,211	74	18,030
1989									
January	1,537	427	11	119	-10	2,084	53	7	2,024
February	1,420	614	10	110	-105	2,049	32	7	2,010
March	1,505	369	10	113	67	2,064	106	11	1,947
April	1,434	138	8	110	87	1,776	183	11	1,582
May	1,453	44	8	108	73	1,685	327	8	1,350
June	1,393	20	7	104	67	1,591	380	9	1,202
July	1,420	29	8	101	48	1,607	377	9	1,221
August	1,410	29	8	108	33	1,588	362	9	1,217
September	1,342	39	7	117	11	1,516	325	9	1,182
October	1,408	96	9	123	-62	1,574	225	10	1,339
November	1,467	228	9	123	-145	1,682	105	8	1,569
December	1,520	822	12	145	-281	2,218	52	8	2,157
Total	17,311	2,854	107	1,382	-218	21,435	2,528	107	18,801
1990									
January	1,617	354	12	140	123	2,247	93	14	2,140
February	1,441	345	11	118	6	1,920	70	8	1,842
March	1,528	265	11	116	15	1,935	125	11	1,799
April	1,449	138	11	123	74	1,795	190	6	1,599
May	1,465	43	9	123	50	1,690	304	6	1,381
June	1,425	40	9	117	25	1,615	336	6	1,273
July	1,449	26	10	120	-1	1,603	338	5	1,260
August	1,454	39	9	118	1	1,622	330	5	1,287
September	1,393	35	9	120	1	1,557	295	7	1,255
October	1,515	63	10	142	-123	1,606	215	6	1,384
November	1,512	146	10	140	-124	1,683	134	6	1,544
December	1,562	493	12	156	-197	2,027	70	7	1,951
Total	17,810	1,986	123	1,532	-149	21,302	2,499	86	18,716
1991									
January	1,610	682	12	163	-44	2,423	115	10	2,299
February	1,417	409	10	138	62	2,035	112	11	1,912
March	1,535	297	11	151	-15	1,979	129	10	1,840
April	1,462	104	9	144	65	1,785	234	9	1,542
May	1,453	58	9	141	13	1,675	331	8	1,337
June	1,385	42	8	133	-37	1,531	326	7	1,199
July	1,399	75	9	135	-28	1,590	299	8	1,283
August	1,405	82	9	127	-48	1,574	290	10	1,274
September	1,398	78	8	134	-72	1,545	304	11	1,231
October	1,509	103	10	157	-88	1,691	258	14	1,419
November	1,528	360	9	169	-209	1,856	150	15	1,691
December	1,597	461	11	181	-98	2,151	125	18	2,009
Total	17,698	2,752	113	1,773	-500	21,836	2,672	129	19,035
1992									
January	1,586	624	12	165	-71	2,315	60	16	2,239
February	1,398	463	11	175	42	2,089	45	14	2,031
March	1,475	397	11	180	-42	2,022	74	23	1,926
April	1,447	142	10	176	89	1,864	161	18	1,685
May	1,485	44	9	174	68	1,780	344	19	1,418
June	1,444	35	8	162	16	1,666	384	18	1,264
July	1,491	42	8	167	-8	1,700	373	16	1,311
August	1,451	46	8	175	-19	1,662	380	18	1,264
September	1,437	40	8	166	-24	1,629	362	18	1,249
October	1,533	70	10	176	-130	1,659	271	19	1,368
November	1,514	282	11	210	-239	1,778	88	19	1,672
December	1,579	587	12	209	-191	2,195	58	19	2,119
Total	17,840	2,772	118	2,138	-508	22,360	2,599	216	19,544

^a Data for 1980-1992 include underground storage and liquefied natural gas storage. All other data include underground storage only. Computation procedures are discussed in Note 8 at end of section.

^b See Notes at end of section.

^c See Table 4.3.

^d Data for 1978-1992 do not include in-transit receipts and deliveries.

^e May include unknown quantities of nonhydrocarbon gases.

^f See Note 7 at end of section.

R=Revised data. NA=Not available.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 4.3 Natural Gas Trade by Country, 1973-1992

(Billion Cubic Feet)

	Imports				Exports			
	Canada ^a	Algeria ^b	Other ^c	Total	Canada ^a	Mexico ^a	Japan ^b	Total
1973								
January	93	(s)	(s)	93	(s)	1	4	R 6
February	84	(s)	(s)	84	(s)	1	4	R 6
March	91	(s)	(s)	R 92	1	1	1	R 4
April	88	(s)	(s)	88	1	1	6	R 8
May	86	0	(s)	86	2	1	6	R 9
June	79	0	(s)	79	2	1	1	R 4
July	79	0	0	R 79	2	1	3	R 6
August	84	0	(s)	R 84	2	1	6	R 9
September	81	0	(s)	R 81	1	1	4	6
October	90	2	(s)	R 92	1	1	3	5
November	85	1	(s)	R 86	1	1	3	R 6
December	88	0	(s)	R 88	1	1	6	R 8
Total	1,028	3	2	1,033	15	14	48	77
1974								
January	86	0	(s)	86	(s)	1	4	6
February	79	0	(s)	79	(s)	1	4	6
March	85	0	(s)	85	1	1	4	7
April	83	0	(s)	83	1	1	4	6
May	80	0	(s)	80	1	1	3	R 5
June	74	0	0	74	2	1	5	8
July	73	0	0	R 73	2	1	6	8
August	76	0	0	76	1	1	3	5
September	71	0	0	R 71	1	1	4	6
October	83	0	0	83	1	1	3	5
November	83	0	0	R 83	1	1	4	7
December	86	0	0	R 86	1	1	4	7
Total	959	0	(s)	959	13	13	50	77
1975								
January	81	0	0	81	(s)	1	3	4
February	74	0	0	R 74	(s)	1	6	7
March	83	0	0	83	1	1	4	6
April	82	0	0	82	1	1	4	6
May	80	0	0	80	1	1	4	7
June	76	0	0	76	1	1	1	4
July	78	2	0	80	1	1	6	8
August	74	1	0	75	1	1	4	6
September	73	1	0	74	1	1	4	6
October	80	0	0	80	1	1	4	6
November	81	0	0	81	(s)	1	4	5
December	85	1	0	86	1	1	6	8
Total	948	5	0	953	10	9	53	73
1976								
January	83	1	0	84	(s)	1	4	5
February	78	0	0	78	(s)	1	4	5
March	84	1	0	85	1	1	4	6
April	84	2	0	86	1	1	4	6
May	82	0	0	82	1	1	3	5
June	76	0	0	76	1	1	3	5
July	73	1	0	73	1	1	4	6
August	75	1	0	77	1	1	4	6
September	73	1	0	74	1	(s)	5	R 7
October	83	2	0	85	1	(s)	3	5
November	80	1	0	81	(s)	1	4	5
December	83	0	0	83	(s)	1	4	5
Total	954	10	0	964	8	7	50	65
1977								
January	87	0	0	87	(s)	1	4	5
February	89	2	1	92	(s)	(s)	4	R 5
March	98	2	1	101	(s)	(s)	4	4
April	83	2	(s)	84	(s)	(s)	3	3
May	85	1	0	86	(s)	(s)	3	3
June	75	1	0	76	(s)	(s)	4	5
July	71	1	0	R 72	(s)	(s)	7	7
August	75	1	0	76	(s)	(s)	5	5
September	75	0	0	75	(s)	(s)	4	5
October	84	1	0	85	(s)	(s)	4	5
November	85	1	0	86	(s)	(s)	4	5
December	90	0	0	90	(s)	1	4	5
Total	997	11	2	1,011	(s)	4	52	56

See footnotes at end of table.

Table 4.3 Natural Gas Trade by Country, 1973-1992 (Continued)

(Billion Cubic Feet)

	Imports				Exports			
	Canada ^a	Algeria ^b	Other ^c	Total	Canada ^a	Mexico ^a	Japan ^b	Total
1978								
January	86	0	0	86	(s)	1	4	5
February	76	1	0	77	(s)	1	4	5
March	82	4	0	86	(s)	(s)	4	5
April	76	2	0	78	(s)	(s)	3	3
May	71	2	0	74	(s)	(s)	4	5
June	63	5	0	68	(s)	(s)	4	R 5
July	64	7	0	72	(s)	(s)	4	5
August	66	8	0	74	(s)	(s)	4	5
September	64	9	0	73	(s)	(s)	6	6
October	67	14	0	80	(s)	(s)	3	3
November	78	13	0	91	(s)	(s)	3	3
December	88	19	0	107	(s)	1	3	4
Total	881	84	0	966	(s)	4	48	53
1979								
January	90	13	0	102	(s)	1	6	R 7
February	81	16	0	97	(s)	(s)	4	5
March	86	27	0	113	(s)	(s)	4	5
April	83	23	0	106	(s)	(s)	4	5
May	78	26	0	104	(s)	(s)	4	5
June	77	24	0	101	(s)	(s)	4	5
July	77	27	0	104	(s)	(s)	6	6
August	73	24	0	97	(s)	(s)	4	R 5
September	70	28	0	98	(s)	(s)	4	5
October	90	17	0	107	(s)	(s)	3	3
November	97	17	0	R 115	(s)	(s)	3	3
December	98	12	0	110	(s)	1	3	4
Total	1,001	253	0	1,253	(s)	4	51	56
1980								
January	94	19	5	118	(s)	1	6	6
February	82	19	8	108	(s)	(s)	4	5
March	75	25	9	109	(s)	(s)	4	5
April	56	12	9	77	(s)	(s)	3	3
May	60	1	9	70	(s)	(s)	3	3
June	53	0	9	61	(s)	(s)	3	3
July	52	0	9	61	(s)	(s)	2	3
August	51	0	9	60	(s)	(s)	2	3
September	51	0	9	60	(s)	(s)	5	5
October	63	3	9	R 74	(s)	(s)	4	5
November	78	3	8	88	(s)	(s)	3	R 4
December	84	5	9	98	(s)	1	4	5
Total	797	86	102	985	(s)	4	45	49
1981								
January	81	0	10	91	(s)	1	5	5
February	71	5	9	85	(s)	(s)	4	5
March	69	2	9	80	(s)	(s)	5	5
April	55	5	9	69	(s)	(s)	4	5
May	52	3	8	62	(s)	(s)	3	4
June	55	2	8	65	(s)	(s)	5	5
July	53	5	8	66	(s)	(s)	5	5
August	54	3	8	64	(s)	(s)	5	5
September	55	3	9	67	(s)	(s)	6	6
October	68	3	9	79	(s)	(s)	5	5
November	68	5	8	82	(s)	(s)	5	5
December	80	3	10	93	(s)	(s)	4	5
Total	762	37	105	904	(s)	3	56	59
1982								
January	87	3	9	98	(s)	(s)	3	3
February	75	2	8	85	(s)	(s)	4	5
March	70	5	7	82	(s)	(s)	4	5
April	62	3	7	72	(s)	(s)	1	2
May	55	3	7	65	(s)	(s)	3	3
June	51	2	8	61	(s)	(s)	6	6
July	53	5	9	67	(s)	(s)	4	5
August	53	0	8	61	(s)	(s)	6	6
September	53	5	8	66	(s)	(s)	4	5
October	66	2	8	77	(s)	(s)	4	5
November	73	10	8	91	(s)	(s)	4	5
December	85	15	9	110	(s)	(s)	4	5
Total	783	55	95	933	(s)	2	50	52

See footnotes at end of table.

Table 4.3 Natural Gas Trade by Country, 1973-1992 (Continued)

(Billion Cubic Feet)

	Imports				Exports			
	Canada ^a	Algeria ^b	Other ^c	Total	Canada ^a	Mexico ^a	Japan ^b	Total
1983								
January	86	17	9	112	(s)	(s)	4	5
February	71	15	8	95	(s)	(s)	4	5
March	63	15	8	86	(s)	(s)	4	5
April	56	12	5	74	(s)	(s)	4	5
May	48	8	6	61	(s)	(s)	4	5
June	41	13	5	59	(s)	(s)	3	3
July	42	10	6	58	(s)	(s)	4	5
August	45	5	6	56	(s)	(s)	6	6
September	52	10	5	67	(s)	(s)	4	4
October	53	6	6	64	(s)	(s)	4	4
November	65	10	5	80	(s)	(s)	4	5
December	91	10	6	107	(s)	(s)	4	5
Total	712	131	75	918	(s)	2	53	55
1984								
January	89	3	5	97	(s)	(s)	4	5
February	62	3	4	69	(s)	(s)	4	5
March	61	3	5	69	(s)	(s)	6	6
April	60	6	5	71	(s)	(s)	4	5
May	57	3	6	66	(s)	(s)	4	5
June	50	3	5	59	(s)	(s)	3	3
July	47	3	6	55	(s)	(s)	4	5
August	49	0	6	54	(s)	(s)	4	5
September	51	0	5	57	(s)	(s)	4	5
October	58	3	6	66	(s)	(s)	4	5
November	79	5	0	85	(s)	(s)	4	5
December	92	3	0	94	(s)	(s)	4	5
Total	755	36	52	843	(s)	2	53	55
1985								
January	101	3	0	104	(s)	(s)	4	5
February	94	5	0	99	(s)	(s)	4	5
March	87	3	0	90	(s)	(s)	6	6
April	73	3	0	76	(s)	(s)	4	5
May	71	2	0	73	(s)	(s)	1	2
June	63	3	0	65	(s)	(s)	4	5
July	57	3	0	59	(s)	(s)	6	6
August	61	0	0	61	(s)	(s)	4	5
September	61	3	0	63	(s)	(s)	4	5
October	76	0	0	76	(s)	(s)	4	5
November	77	0	0	77	(s)	(s)	4	5
December	106	0	0	106	(s)	(s)	4	5
Total	926	24	0	950	(s)	2	53	55
1986								
January	99	0	0	99	(s)	(s)	4	5
February	74	0	0	74	(s)	(s)	3	3
March	55	0	0	55	1	(s)	4	5
April	43	0	0	43	1	(s)	4	6
May	52	0	0	52	1	(s)	1	3
June	44	0	0	44	1	(s)	4	6
July	48	0	0	48	1	(s)	4	6
August	51	0	0	51	(s)	(s)	6	6
September	54	0	0	54	(s)	(s)	4	5
October	69	0	0	69	1	(s)	4	5
November	70	0	0	70	1	(s)	4	6
December	89	0	2	90	1	(s)	4	6
Total	749	0	2	750	9	2	50	61
1987								
January	101	0	0	101	(s)	(s)	4	5
February	84	0	0	84	(s)	(s)	3	3
March	86	0	0	86	(s)	(s)	4	5
April	68	0	0	68	(s)	(s)	3	3
May	61	0	0	61	(s)	(s)	3	3
June	58	0	0	58	(s)	(s)	4	5
July	66	0	0	66	(s)	(s)	4	5
August	75	0	0	75	(s)	(s)	4	5
September	73	0	0	73	(s)	(s)	4	5
October	93	0	0	93	1	(s)	4	5
November	107	0	0	107	2	(s)	4	6
December	121	0	0	121	(s)	(s)	4	5
Total	993	0	0	993	3	2	49	54

See footnotes at end of table.

Table 4.3 Natural Gas Trade by Country, 1973-1992 (Continued)

(Billion Cubic Feet)

	Imports				Exports			
	Canada ^a	Algeria ^b	Other ^c	Total	Canada ^a	Mexico ^a	Japan ^b	Total
1988								
January	133	5	0	R 138	(s)	(s)	4	5
February	116	0	0	R 116	(s)	(s)	4	5
March	109	3	0	R 112	2	(s)	4	6
April	95	0	0	R 95	2	(s)	4	6
May	93	0	0	R 93	2	(s)	1	4
June	93	0	0	93	4	(s)	4	8
July	100	0	0	100	(s)	(s)	4	5
August	95	0	0	R 95	1	(s)	4	6
September	96	0	0	R 96	3	(s)	4	7
October	102	5	0	R 107	1	(s)	4	R 5
November	118	3	0	121	2	(s)	4	7
December	125	3	0	R 128	3	(s)	6	9
Total	1,276	17	0	1,294	20	2	52	74
1989								
January	114	5	0	119	2	2	3	7
February	108	3	0	110	1	3	3	7
March	111	3	0	113	2	3	6	11
April	108	3	0	110	5	2	4	11
May	103	5	0	108	2	3	3	8
June	101	3	0	104	4	1	4	9
July	99	2	0	101	4	1	4	9
August	105	2	0	108	5	(s)	4	9
September	112	5	0	117	5	(s)	4	9
October	120	3	0	123	4	1	6	10
November	118	5	0	123	3	1	4	8
December	140	5	0	145	2	2	4	8
Total	1,339	42	0	1,382	38	17	51	107
1990								
January	130	10	0	140	8	1	4	14
February	107	10	0	118	1	2	4	8
March	108	8	0	116	3	4	4	11
April	113	10	0	123	1	1	4	6
May	118	5	0	123	(s)	2	3	6
June	114	3	0	117	(s)	2	4	6
July	115	5	0	120	(s)	(s)	4	5
August	113	5	0	118	(s)	(s)	4	5
September	114	5	0	120	(s)	2	4	7
October	137	5	0	142	(s)	(s)	6	6
November	129	10	0	140	1	(s)	4	6
December	148	8	0	156	1	1	4	7
Total	1,448	84	0	1,532	17	16	53	86
1991								
January	156	8	0	163	2	3	4	10
February	133	5	0	138	3	3	4	11
March	146	5	0	151	1	4	4	10
April	139	5	0	144	(s)	3	6	9
May	136	5	0	141	(s)	5	3	8
June	131	3	0	133	(s)	4	3	7
July	130	5	0	135	(s)	3	4	8
August	127	0	0	127	1	3	6	10
September	131	3	0	134	(s)	6	4	11
October	146	10	0	157	2	8	4	14
November	164	5	0	169	2	8	4	15
December	170	10	0	181	3	10	6	18
Total	1,710	64	0	1,773	15	60	54	129
1992								
January	157	8	0	165	2	10	4	16
February	170	5	0	175	4	6	4	14
March	178	3	0	180	11	7	4	23
April	174	3	0	176	6	7	4	18
May	174	0	0	174	6	7	6	19
June	160	3	0	162	6	7	4	18
July	167	0	0	167	5	6	4	16
August	172	2	0	175	5	9	4	18
September	164	3	0	166	6	8	4	18
October	174	3	0	176	6	10	3	19
November	203	8	0	210	3	11	4	19
December	202	8	0	209	7	8	4	19
Total	2,094	43	0	2,138	68	96	53	216

^a By pipeline, except for very small amounts of liquefied natural gas imported from Canada in 1973, 1977 and 1981. See Note 5 at end of section.

^b As liquefied natural gas.

^c For 1973-1984, imports are from Mexico; for 1986, imports are from Indonesia.

R=Revised data. (s)=Less than 500 million cubic feet.

Notes: • See Note 5 at end of section. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Source: See end of section.

Table 4.4 Natural Gas Consumption by End-Use Sector, 1973-1992

(Billion Cubic Feet)

	Lease and Plant Fuel	Pipeline Fuel ^a	Delivered to Consumers					Total Consumption
			Residential	Commercial ^b	Industrial	Electric Utilities	Total	
1973								
January	NA	78	844	^R 392	NA	224	NA	2,348
February	NA	70	747	^R 394	NA	216	NA	2,126
March	NA	67	649	^R 311	NA	258	NA	2,015
April	NA	61	466	^R 232	NA	269	NA	1,835
May	NA	57	326	^R 174	NA	319	NA	1,729
June	NA	51	207	^R 135	NA	373	NA	1,534
July	NA	51	150	^R 108	NA	425	NA	1,558
August	NA	52	142	^R 106	NA	421	NA	1,582
September	NA	50	159	^R 104	NA	355	NA	1,527
October	NA	56	205	^R 127	NA	329	NA	1,708
November	NA	63	392	^R 217	NA	253	NA	1,905
December	NA	72	591	^R 298	NA	218	NA	2,182
Total	1,496	728	4,879	2,597	8,689	3,660	19,825	22,049
1974								
January	NA	70	817	^R 406	NA	221	NA	2,230
February	NA	65	688	^R 336	NA	203	NA	2,054
March	NA	63	598	^R 302	NA	256	NA	2,003
April	NA	53	482	^R 243	NA	260	NA	1,691
May	NA	51	316	^R 165	NA	308	NA	1,608
June	NA	45	215	^R 128	NA	348	NA	1,439
July	NA	48	166	^R 110	NA	405	NA	1,514
August	NA	48	142	^R 108	NA	383	NA	1,510
September	NA	48	155	^R 107	NA	314	NA	1,537
October	NA	54	235	^R 143	NA	299	NA	1,706
November	NA	58	359	^R 200	NA	240	NA	1,827
December	NA	66	613	^R 309	NA	207	NA	2,104
Total	1,477	669	4,786	2,556	8,292	3,443	19,077	21,223
1975								
January	NA	67	751	^R 347	NA	205	NA	2,248
February	NA	58	732	^R 346	NA	189	NA	1,939
March	NA	57	678	^R 312	NA	211	NA	1,903
April	NA	47	597	^R 289	NA	214	NA	1,575
May	NA	40	337	^R 165	NA	275	NA	1,331
June	NA	38	204	^R 120	NA	308	NA	1,257
July	NA	39	167	^R 107	NA	362	NA	1,313
August	NA	41	144	^R 104	NA	360	NA	1,369
September	NA	41	154	^R 107	NA	316	NA	1,370
October	NA	46	223	^R 133	NA	275	NA	1,544
November	NA	49	329	^R 180	NA	228	NA	1,640
December	NA	61	608	^R 299	NA	214	NA	2,049
Total	1,396	583	4,924	2,508	6,968	3,158	17,558	19,538
1976								
January	NA	63	843	^R 405	NA	207	NA	2,291
February	NA	53	740	^R 364	NA	199	NA	1,938
March	NA	47	578	^R 286	NA	223	NA	1,721
April	NA	41	443	^R 221	NA	228	NA	1,508
May	NA	39	316	^R 169	NA	267	NA	1,434
June	NA	37	221	^R 129	NA	313	NA	1,335
July	NA	38	170	^R 112	NA	338	NA	1,372
August	NA	36	141	^R 113	NA	330	NA	1,317
September	NA	36	152	^R 113	NA	295	NA	1,302
October	NA	45	242	^R 146	NA	250	NA	1,621
November	NA	52	471	^R 253	NA	217	NA	1,875
December	NA	61	734	^R 355	NA	215	NA	2,232
Total	1,634	548	5,051	2,668	6,964	3,081	17,764	19,946
1977								
January	NA	66	937	^R 413	NA	205	NA	2,407
February	NA	50	823	^R 366	NA	200	NA	1,816
March	NA	47	561	^R 264	NA	232	NA	1,715
April	NA	39	401	^R 202	NA	223	NA	1,439
May	NA	38	252	^R 142	NA	260	NA	1,379
June	NA	36	182	^R 121	NA	311	NA	1,333
July	NA	36	146	^R 113	NA	347	NA	1,325
August	NA	37	131	^R 109	NA	351	NA	1,364
September	NA	39	141	^R 109	NA	325	NA	1,427
October	NA	41	224	^R 139	NA	285	NA	1,518
November	NA	46	372	^R 201	NA	234	NA	1,690
December	NA	58	652	^R 319	NA	220	NA	2,108
Total	1,659	533	4,821	2,501	6,815	3,191	17,329	19,521

See footnotes at end of table.

Table 4.4 Natural Gas Consumption by End-Use Sector, 1973-1992 (Continued)

(Billion Cubic Feet)

	Lease and Plant Fuel	Pipeline Fuel ^a	Delivered to Consumers					Total Consumption
			Residential	Commercial ^b	Industrial	Electric Utilities	Total	
1978								
January	NA	64	816	^R 391	NA	229	NA	2,382
February	NA	58	838	^R 401	NA	211	NA	2,139
March	NA	52	681	^R 345	NA	232	NA	1,918
April	NA	42	446	^R 225	NA	223	NA	1,539
May	NA	37	308	^R 166	NA	261	NA	1,380
June	NA	34	184	^R 120	NA	321	NA	1,249
July	NA	36	147	^R 106	NA	362	NA	1,333
August	NA	35	130	^R 101	NA	340	NA	1,285
September	NA	33	135	^R 103	NA	297	NA	1,235
October	NA	39	210	^R 134	NA	263	NA	1,440
November	NA	45	376	^R 196	NA	228	NA	1,658
December	NA	56	632	^R 313	NA	220	NA	2,069
Total	1,648	530	4,903	2,601	6,757	3,188	17,449	19,627
1979								
January	NA	72	867	^R 432	NA	228	NA	2,426
February	NA	65	892	^R 445	NA	227	NA	2,204
March	NA	56	660	349	NA	260	NA	1,881
April	NA	47	463	^R 256	NA	261	NA	1,594
May	NA	42	288	^R 171	NA	277	NA	1,429
June	NA	39	189	^R 127	NA	320	NA	1,309
July	NA	39	148	^R 107	NA	369	NA	1,330
August	NA	40	133	^R 103	NA	375	NA	1,342
September	NA	39	138	^R 106	NA	338	NA	1,329
October	NA	46	215	^R 142	NA	323	NA	1,557
November	NA	52	379	^R 223	NA	261	NA	1,768
December	NA	62	594	^R 326	NA	249	NA	2,072
Total	1,499	601	4,965	2,786	6,899	3,491	18,141	20,241
1980								
January	93	71	722	356	719	277	2,074	2,238
February	87	68	774	380	574	264	1,992	2,147
March	93	66	673	344	594	284	1,895	2,054
April	85	49	451	239	454	257	1,401	1,535
May	86	43	279	155	512	282	1,228	1,357
June	81	40	191	123	483	337	1,134	1,255
July	82	41	145	103	504	420	1,172	1,295
August	80	41	129	101	526	405	1,161	1,282
September	80	41	135	106	580	357	1,178	1,299
October	84	49	214	140	734	301	1,389	1,522
November	84	56	392	224	749	256	1,621	1,761
December	91	68	646	340	742	242	1,970	2,129
Total	1,026	635	4,752	2,611	7,172	3,682	18,216	19,877
1981								
January	81	75	831	406	654	232	2,123	2,279
February	73	63	740	355	440	224	1,759	1,895
March	81	63	585	304	593	273	1,755	1,899
April	78	49	372	204	496	289	1,361	1,488
May	79	47	260	151	573	316	1,300	1,426
June	76	43	168	116	525	381	1,190	1,309
July	77	43	136	99	548	411	1,194	1,314
August	79	43	123	107	571	390	1,191	1,313
September	73	42	133	107	585	325	1,150	1,265
October	76	50	232	148	711	302	1,393	1,519
November	74	54	364	205	663	259	1,491	1,619
December	80	69	601	318	769	239	1,927	2,076
Total	928	642	4,546	2,520	7,128	3,640	17,834	19,404
1982								
January	104	79	866	^R 443	^R 670	238	2,217	2,400
February	95	66	786	^R 404	^R 413	220	1,823	1,984
March	100	61	602	^R 321	^R 507	247	1,677	1,838
April	95	49	451	^R 236	^R 408	246	1,341	1,485
May	93	38	233	139	375	258	1,005	1,136
June	90	37	165	107	420	296	988	1,115
July	91	38	138	101	424	353	1,016	1,145
August	89	38	123	105	435	361	1,024	1,151
September	86	38	136	105	482	293	1,016	1,140
October	87	43	204	130	573	273	1,181	1,311
November	88	52	372	^R 217	^R 604	226	1,419	1,559
December	90	58	557	^R 298	^R 521	215	1,591	1,739
Total	1,109	596	4,633	2,606	5,831	3,226	16,295	18,001

See footnotes at end of table.

Table 4.4 Natural Gas Consumption by End-Use Sector, 1973-1992 (Continued)

(Billion Cubic Feet)

	Lease and Plant Fuel	Pipeline Fuel ^a	Delivered to Consumers					Total Consumption
			Residential	Commercial ^b	Industrial	Electric Utilities	Total	
1983								
January	R 93	R 51	R 850	R 418	R 593	208	R 2,057	R 2,195
February	R 80	R 41	R 672	R 340	R 534	177	R 1,717	R 1,833
March	R 83	R 43	R 581	R 298	R 535	208	R 1,604	R 1,726
April	R 81	R 38	R 444	R 234	R 497	203	R 1,382	R 1,499
May	R 81	R 39	R 276	R 154	R 462	218	R 1,141	R 1,262
June	R 78	R 39	R 164	R 105	R 432	248	R 983	R 1,102
July	R 81	R 41	R 124	R 95	R 407	314	R 956	R 1,081
August	R 80	R 40	R 114	R 95	R 418	352	R 960	R 1,082
September	R 76	R 37	R 123	R 99	R 405	299	R 902	R 1,018
October	R 80	R 39	R 176	R 124	R 431	251	R 985	R 1,107
November	R 80	R 39	R 311	R 186	R 460	214	R 1,186	R 1,306
December	R 86	R 44	R 545	R 283	R 469	218	R 1,495	R 1,624
Total	978	490	4,381	2,433	5,643	2,911	15,367	16,835
1984								
January	102	55	886	437	645	215	2,183	2,340
February	88	44	700	354	581	187	1,823	R 1,955
March	91	46	605	311	581	206	1,703	1,840
April	89	41	463	243	542	220	1,469	R 1,599
May	89	42	287	160	504	265	1,215	R 1,346
June	86	42	170	108	472	298	1,047	R 1,175
July	89	44	128	97	445	349	1,019	1,152
August	88	43	118	98	457	350	1,023	1,154
September	84	40	127	101	442	291	961	1,085
October	88	42	182	128	470	270	1,050	1,180
November	88	42	323	193	502	245	1,262	R 1,392
December	95	48	566	294	512	217	1,589	1,732
Total	1,077	529	4,555	2,524	6,154	3,111	16,345	17,951
1985								
January	91	54	743	372	R 615	226	R 1,957	R 2,102
February	84	46	837	412	R 566	203	R 2,017	R 2,147
March	83	42	566	290	R 531	207	R 1,595	R 1,720
April	79	39	397	206	R 492	234	R 1,328	R 1,446
May	78	40	212	128	R 454	236	R 1,029	R 1,147
June	75	38	157	100	R 425	282	R 964	R 1,076
July	77	40	130	96	R 440	337	R 1,002	R 1,119
August	77	39	119	93	R 435	355	R 1,002	R 1,118
September	75	37	129	98	R 427	275	R 929	R 1,041
October	78	39	190	125	R 466	250	R 1,030	R 1,147
November	79	39	306	180	R 479	230	R 1,195	R 1,313
December	91	51	647	333	R 571	210	R 1,762	R 1,904
Total	966	504	4,433	2,432	5,901	3,044	15,811	17,281
1986								
January	89	50	791	392	R 647	184	R 2,013	R 2,153
February	77	43	685	345	R 578	157	R 1,765	R 1,885
March	82	42	580	291	R 566	170	R 1,607	R 1,731
April	73	36	363	189	R 488	198	R 1,239	R 1,348
May	75	38	236	131	R 454	231	R 1,052	R 1,165
June	71	37	155	99	R 414	260	R 928	R 1,036
July	74	38	126	89	R 402	301	R 919	R 1,031
August	74	38	117	89	R 400	276	R 883	R 995
September	70	36	131	91	R 366	247	R 834	R 940
October	74	38	185	116	R 386	217	R 904	R 1,016
November	79	38	346	189	R 406	187	R 1,127	R 1,244
December	85	47	599	299	R 471	175	R 1,544	R 1,676
Total	923	485	4,314	2,318	5,579	2,602	14,814	16,221
1987								
January	R 108	53	741	384	R 653	185	R 1,964	R 2,125
February	R 96	45	689	363	R 567	158	R 1,777	R 1,918
March	R 102	44	575	305	R 531	191	R 1,602	R 1,748
April	R 95	42	402	214	R 476	206	R 1,299	R 1,436
May	R 94	42	223	133	R 448	243	R 1,046	R 1,183
June	R 90	40	147	97	R 440	284	R 968	R 1,098
July	R 92	38	126	94	R 423	319	R 962	R 1,092
August	R 94	40	117	90	R 444	339	R 990	R 1,125
September	R 90	38	126	101	R 420	268	R 915	R 1,043
October	R 95	41	223	141	R 481	238	R 1,084	R 1,220
November	R 101	43	354	202	R 499	217	R 1,272	R 1,416
December	R 90	51	592	305	R 571	197	R 1,665	R 1,806
Total	1,149	519	4,315	2,430	5,953	2,844	15,542	17,211

See footnotes at end of table.

Table 4.4 Natural Gas Consumption by End-Use Sector, 1973-1992 (Continued)

(Billion Cubic Feet)

	Lease and Plant Fuel	Pipeline Fuel ^a	Delivered to Consumers					Total Consumption
			Residential	Commercial ^b	Industrial	Electric Utilities	Total	
1988								
January	102	63	852	424	578	168	2,022	2,187
February	93	55	755	392	574	170	1,890	2,038
March	97	53	597	320	596	204	1,717	1,867
April	88	46	400	223	507	199	1,330	1,464
May	91	49	258	158	507	240	1,162	1,302
June	86	47	152	118	487	280	1,037	1,170
July	87	49	123	109	480	328	1,041	^R 1,176
August	88	49	114	113	514	344	1,085	1,222
September	83	47	125	113	499	233	969	1,099
October	91	49	232	156	522	182	1,092	1,232
November	92	51	391	225	543	150	1,310	1,453
December	98	56	631	320	577	137	1,666	1,820
Total	1,096	614	4,630	2,670	6,383	2,636	16,320	18,030
1989								
January	95	57	751	376	598	147	1,872	2,024
February	88	57	743	380	570	172	1,865	2,010
March	93	54	646	342	602	211	1,800	1,947
April	88	49	414	233	563	235	1,445	1,582
May	89	51	257	159	544	251	1,210	1,350
June	86	50	155	121	530	260	1,066	1,202
July	88	50	129	110	525	320	1,084	1,221
August	87	50	121	110	539	310	1,080	1,217
September	82	48	139	113	532	268	1,052	1,182
October	87	49	229	152	568	254	1,203	1,339
November	90	50	405	231	603	189	1,429	1,569
December	97	65	791	391	643	171	1,996	2,157
Total	1,070	629	4,781	2,718	6,816	2,787	17,102	18,801
1990								
January	112	77	789	400	618	146	1,952	2,140
February	99	66	643	336	567	132	1,677	1,842
March	106	64	552	302	591	184	1,629	1,799
April	101	57	400	236	607	199	1,442	1,599
May	102	48	248	158	581	244	1,230	1,381
June	99	44	161	124	548	297	1,130	1,273
July	101	44	127	123	540	326	1,116	1,260
August	101	45	121	115	561	343	1,141	1,287
September	97	44	132	121	560	301	1,114	1,255
October	106	48	214	151	609	257	1,231	1,384
November	105	54	376	224	600	185	1,384	1,544
December	109	70	630	332	635	175	1,773	1,951
Total	1,236	660	4,391	2,623	7,018	2,787	16,820	18,716
1991								
January	102	74	844	434	672	173	2,123	2,299
February	90	61	664	359	591	146	1,761	1,912
March	98	58	573	310	607	193	1,683	1,840
April	93	49	373	225	586	216	1,400	1,542
May	93	42	229	154	571	249	1,202	1,337
June	89	37	148	119	546	260	1,073	1,199
July	90	40	126	125	572	330	1,153	1,283
August	90	40	118	113	586	328	1,144	1,274
September	89	38	138	121	582	263	1,103	1,231
October	97	44	225	163	626	263	1,278	1,419
November	97	54	459	256	627	198	1,540	1,691
December	101	64	658	350	665	170	1,843	2,009
Total	1,129	601	4,556	2,729	7,231	2,789	17,305	19,035
1992								
January	104	68	786	410	701	169	2,067	2,239
February	92	62	696	366	644	170	1,876	2,031
March	97	58	574	315	674	208	1,770	1,926
April	95	51	431	250	628	229	1,539	1,685
May	97	42	251	170	620	236	1,278	1,418
June	95	37	162	125	578	266	1,132	1,264
July	98	39	132	122	587	334	1,175	1,311
August	95	37	126	121	582	303	1,131	1,264
September	94	37	137	121	586	274	1,117	1,249
October	101	41	241	166	608	213	1,227	1,368
November	99	50	437	256	641	189	1,523	1,672
December	104	64	717	381	677	176	1,951	2,119
Total	1,171	588	4,690	2,803	7,527	2,766	17,786	19,544

^a Natural gas consumed in the operation of pipelines, primarily in compressors.

^b See Note 6 at end of section.

R=Revised data. NA=Not available.

Notes: • Natural gas includes supplemental gaseous fuels. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 4.5 Natural Gas in Underground Storage, 1973-1992

(Volumes in Billion Cubic Feet)

	Natural Gas in Underground Storage, End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^a	Volume	Percent	Injections ^b	Withdrawals ^b	Net ^c
1973								
January	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA
December	2,864	2,034	4,898	305	17.6	NA	NA	NA
Total	2,864	2,034	4,898	305	17.6	1,974	1,533	442
1974								
January	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA
October	3,042	2,403	5,445	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA
December	2,912	2,050	4,962	16	.8	NA	NA	NA
Total	2,912	2,050	4,962	16	.8	1,784	1,701	84
1975								
January	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA
September	3,085	2,468	5,553	NA	NA	220	31	189
October	3,107	2,599	5,706	196	8.2	190	51	139
November	3,150	2,541	5,691	NA	NA	98	146	-48
December	3,162	2,212	5,374	162	7.9	38	371	-333
Total	3,162	2,212	5,374	162	7.9	2,104	1,760	344
1976								
January	3,169	1,648	4,817	NA	NA	R 15	R 487	R -472
February	3,173	1,444	4,617	NA	NA	R 59	R 245	R -186
March	3,170	1,326	4,496	NA	NA	R 71	R 185	R -114
April	3,184	1,423	4,607	NA	NA	R 166	R 69	R 97
May	3,190	1,637	4,827	NA	NA	R 220	R 22	R 198
June	3,208	1,908	5,116	NA	NA	R 273	R 25	R 248
July	3,220	2,192	5,412	NA	NA	R 271	6	R 265
August	3,251	2,447	5,698	NA	NA	R 268	R 16	R 252
September	3,296	2,650	5,946	182	7.4	R 233	R 20	R 213
October	3,302	2,664	5,966	65	2.5	R 121	R 107	R 14
November	3,305	2,408	5,713	-133	-5.2	R 36	R 270	R -234
December	3,323	1,926	5,250	-286	-12.9	R 21	R 468	R -447
Total	3,323	1,926	5,250	-286	-12.9	1,756	1,921	-165
1977								
January	3,293	1,287	4,580	-361	-21.9	R 17	R 664	R -647
February	3,283	1,163	4,446	-281	-19.5	R 97	R 233	R -136
March	3,286	1,215	4,501	-111	-8.4	R 181	R 131	R 50
April	3,286	1,427	4,713	4	.3	R 247	43	R 204
May	3,293	1,731	5,024	94	5.7	R 318	17	R 301
June	3,300	2,030	5,330	122	6.4	R 306	12	R 294
July	3,317	2,348	5,665	156	7.1	R 336	15	R 321
August	3,346	2,599	5,945	152	6.2	R 280	21	R 259
September	3,364	2,824	6,188	174	6.6	R 253	2	R 251
October	3,373	2,929	6,302	265	9.9	R 152	44	R 108
November	3,403	2,821	6,224	413	17.2	R 81	R 158	R -77
December	3,391	2,475	5,866	549	28.5	R 40	R 412	R -372
Total	3,391	2,475	5,866	549	28.5	2,307	1,750	557

See footnotes at end of table.

Table 4.5 Natural Gas in Underground Storage, 1973-1992 (Continued)

(Volumes in Billion Cubic Feet)

	Natural Gas in Underground Storage, End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^a	Volume	Percent	Injections ^b	Withdrawals ^b	Net ^c
1978								
January	3,374	1,819	5,193	532	41.3	21	R 662	R -641
February	3,373	1,310	4,683	147	12.6	21	R 526	R -505
March	3,374	1,123	4,497	-92	-7.6	R 90	R 276	-186
April	3,377	1,231	4,608	-196	-13.7	R 175	R 67	R 108
May	3,379	1,491	4,870	-240	-13.9	R 285	30	R 255
June	3,381	1,836	5,217	-194	-9.6	R 357	18	R 339
July	3,386	2,164	5,550	-184	-7.8	R 341	16	R 325
August	3,403	2,501	5,904	-98	-3.8	R 351	12	R 339
September	3,411	2,813	6,224	-11	-4	R 322	9	R 313
October	3,444	2,958	6,402	29	1.0	R 204	28	R 176
November	3,425	2,927	6,352	106	3.8	R 80	R 134	R -54
December	3,473	2,547	6,020	72	2.9	R 32	R 381	R -349
Total	3,473	2,547	6,020	72	2.9	2,278	2,158	120
1979								
January	3,458	1,890	5,348	71	3.9	R 20	R 675	R -655
February	3,457	1,349	4,806	39	3.0	R 22	R 568	R -546
March	3,459	1,236	4,695	113	10.1	R 90	R 206	R -116
April	3,427	1,335	4,762	104	8.4	R 175	73	R 102
May	3,438	1,619	5,057	128	8.6	R 297	13	R 284
June	3,449	1,950	5,399	114	6.2	R 337	8	R 329
July	3,459	2,284	5,743	120	5.5	R 348	19	R 329
August	3,467	2,628	6,095	127	5.1	R 348	12	R 336
September	3,481	2,920	6,401	107	3.8	R 314	14	R 300
October	3,484	3,079	6,563	121	4.1	R 189	34	R 155
November	3,496	3,045	6,541	118	4.0	R 104	132	R -28
December	3,553	2,753	6,306	207	8.1	R 51	R 293	R -242
Total	3,553	2,753	6,306	207	8.1	2,295	2,047	248
1980								
January	3,549	2,324	5,873	434	23.0	21	424	-403
February	3,550	1,852	5,402	503	37.3	24	451	-427
March	3,556	1,594	5,150	358	29.0	59	283	-224
April	3,584	1,691	5,275	356	26.7	167	65	102
May	3,590	1,998	5,588	379	23.4	298	9	289
June	3,596	2,299	5,895	349	17.9	293	14	278
July	3,600	2,587	6,187	303	13.3	286	19	267
August	3,608	2,854	6,462	226	8.6	273	29	244
September	3,613	3,099	R 6,712	179	6.1	240	11	229
October	3,619	3,187	R 6,806	108	3.5	138	47	91
November	3,637	3,026	6,663	-19	-6	65	188	-123
December	3,642	2,655	6,297	-99	-3.6	34	371	-337
Total	3,642	2,655	6,297	-99	-3.6	1,896	1,910	-14
1981								
January	3,642	2,152	R 5,794	-172	-7.4	37	558	-521
February	3,648	1,824	5,472	-28	-1.5	59	376	-317
March	3,654	1,631	5,285	37	2.3	55	234	-179
April	3,670	1,764	5,434	73	4.3	208	55	153
May	3,684	1,977	R 5,661	R -21	-1.1	255	26	228
June	3,681	2,252	5,933	R -47	-2.0	314	27	287
July	3,699	2,558	6,257	-29	-1.1	335	26	309
August	3,713	2,882	6,595	28	1.0	361	15	346
September	3,720	3,152	6,872	53	1.7	287	9	277
October	3,726	3,248	6,974	61	1.9	155	50	104
November	3,731	3,201	6,932	175	5.8	80	124	-44
December	3,752	2,817	6,569	162	6.1	34	387	-353
Total	3,752	2,817	6,569	162	6.1	2,180	1,887	293
1982								
January	3,751	2,182	R 5,933	R 30	1.4	24	673	-649
February	3,750	1,787	R 5,537	-37	-2.0	50	446	-396
March	3,766	1,604	5,370	R -27	R -1.7	88	265	-176
April	3,778	1,676	5,454	-88	-5.0	180	108	73
May	3,780	2,034	5,814	57	2.9	382	11	371
June	3,778	2,369	6,147	117	5.2	353	11	342
July	3,780	2,704	6,484	146	5.7	351	12	339
August	3,781	2,998	R 6,779	116	4.0	332	35	298
September	3,782	3,251	7,033	99	3.1	277	20	257
October	3,785	3,364	7,149	116	3.6	191	60	131
November	3,772	3,309	7,081	108	3.4	83	163	-80
December	3,808	3,071	6,879	255	9.0	86	289	-204
Total	3,808	3,071	6,879	255	9.0	2,399	2,094	306

See footnotes at end of table.

Table 4.5 Natural Gas in Underground Storage, 1973-1992 (Continued)

(Volumes in Billion Cubic Feet)

	Natural Gas in Underground Storage, End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^a	Volume	Percent	Injections ^b	Withdrawals ^b	Net ^c
1983								
January	3,813	2,644	6,457	462	21.2	24	449	-424
February	3,811	2,356	6,167	569	R 31.8	36	325	-289
March	3,812	2,148	R 5,960	544	33.9	59	266	-207
April	3,818	2,074	R 5,892	398	R 23.7	82	160	-78
May	3,818	2,222	R 6,040	188	R 9.2	191	40	151
June	3,819	2,454	R 6,273	85	3.6	255	22	234
July	3,826	2,696	6,522	-8	-3	268	25	243
August	3,823	2,908	R 6,731	R -90	-3.0	247	35	212
September	3,823	3,141	6,964	-110	-3.4	258	26	232
October	3,825	3,270	7,095	-94	-2.8	171	40	131
November	3,841	3,175	R 7,016	-134	R -4.0	80	158	-78
December	3,847	2,595	6,442	-476	-15.5	29	597	-567
Total	3,847	2,595	6,442	-476	-15.5	1,700	2,142	-442
1984								
January	3,847	2,091	R 5,938	-553	-20.9	54	571	-517
February	3,828	1,876	5,704	-480	-20.4	60	305	-244
March	3,824	1,572	5,396	R -576	-26.8	48	365	-317
April	3,822	1,620	5,442	-454	-21.9	144	100	44
May	3,827	1,843	5,670	-379	-17.1	254	30	224
June	3,828	2,141	5,969	-313	R -12.8	323	27	296
July	3,829	2,456	6,285	R -240	-8.9	346	28	317
August	3,829	2,740	6,569	-168	-5.8	318	30	288
September	3,829	2,996	6,825	R -145	-4.6	289	30	259
October	3,837	3,175	R 7,012	-95	-2.9	242	47	195
November	3,900	3,015	6,915	-160	-5.0	83	227	-145
December	3,830	2,876	6,706	281	10.8	92	304	-213
Total	3,830	2,876	6,706	281	10.8	2,252	2,064	188
1985								
January	3,841	2,242	6,083	151	7.2	32	642	-610
February	3,841	1,853	5,694	-23	-1.2	47	438	-391
March	3,835	1,743	5,578	171	R 10.9	98	217	-119
April	3,831	1,859	R 5,690	239	14.8	204	91	113
May	3,837	2,129	R 5,966	286	15.5	294	23	272
June	3,839	2,351	R 6,190	R 210	9.8	252	31	221
July	3,849	2,605	6,454	149	6.1	309	45	263
August	3,849	2,832	6,681	92	3.4	278	50	228
September	3,849	3,081	6,930	85	2.8	272	20	253
October	3,851	3,204	7,055	29	.9	199	71	128
November	3,847	3,086	6,933	71	2.4	99	202	-103
December	3,842	2,607	6,448	-270	-9.4	44	529	-485
Total	3,842	2,607	6,448	-270	-9.4	2,128	2,359	-231
1986								
January	3,842	2,213	R 6,055	-29	-1.3	48	414	-366
February	3,842	1,872	5,714	19	1.0	54	369	-315
March	3,838	1,764	5,602	21	1.2	109	213	-104
April	3,834	1,841	5,675	-18	-1.0	140	73	67
May	3,830	2,076	5,906	-53	-2.5	255	42	213
June	3,829	2,323	R 6,152	-28	-1.2	255	24	231
July	3,841	2,570	R 6,411	-35	-1.3	274	29	245
August	3,840	2,842	R 6,682	10	.4	279	26	253
September	3,840	3,066	6,906	R -15	-5	239	25	215
October	3,840	3,208	7,048	4	.1	189	48	141
November	3,820	3,077	6,897	-9	-3	74	197	-123
December	3,819	2,749	6,567	142	5.5	36	352	-316
Total	3,819	2,749	6,567	142	5.5	1,952	1,812	140
1987								
January	3,818	2,280	6,098	67	3.0	38	513	-475
February	3,815	1,988	5,803	116	6.2	35	320	-285
March	3,813	1,879	R 5,692	115	6.5	105	210	-105
April	3,812	1,938	5,750	97	5.3	163	101	62
May	3,811	2,206	6,017	130	6.3	293	28	265
June	3,810	2,437	6,247	R 114	4.9	248	21	227
July	3,813	2,636	6,449	R 66	R 2.6	226	27	199
August	3,813	2,836	R 6,649	R -6	-2	241	43	198
September	3,813	3,049	6,862	-17	-6	227	19	209
October	3,813	3,106	6,919	-102	-3.2	146	86	60
November	3,792	3,059	6,851	-18	-6	105	153	-48
December	3,792	2,756	6,548	7	.3	59	359	-300
Total	3,792	2,756	6,548	7	.3	1,887	1,881	6

See footnotes at end of table.

Table 4.5 Natural Gas in Underground Storage, 1973-1992 (Continued)

(Volumes in Billion Cubic Feet)

	Natural Gas in Underground Storage, End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^a	Volume	Percent	Injections ^b	Withdrawals ^b	Net ^c
1988								
January	3,792	2,228	6,020	-52	-2.3	47	578	-531
February	3,791	1,827	5,618	-161	-8.1	50	456	-406
March	3,790	1,682	^R 5,472	-197	-10.5	99	255	-156
April	3,790	1,769	5,559	-169	-8.7	162	92	71
May	3,790	2,027	^R 5,817	-179	-8.1	282	46	236
June	3,792	2,293	6,085	-144	-5.9	274	36	238
July	3,793	2,567	^R 6,360	-69	-2.6	294	42	252
August	3,791	2,835	6,626	-1	.0	282	52	230
September	3,791	3,120	6,911	71	2.3	308	46	262
October	3,792	3,243	7,035	137	4.4	198	92	105
November	3,803	3,171	6,974	112	3.7	117	157	-40
December	3,800	2,850	6,650	94	3.4	62	391	-329
Total	3,800	2,850	6,650	94	3.4	2,174	2,244	-69
1989								
January	3,798	2,509	6,307	281	12.6	53	418	-365
February	3,801	1,994	5,795	167	9.1	32	602	-570
March	3,801	1,776	5,577	94	5.6	106	362	-256
April	3,801	1,823	5,624	54	3.1	180	138	42
May	3,802	2,062	5,864	35	1.7	321	44	277
June	3,802	2,374	6,176	81	3.5	374	20	354
July	3,802	2,644	6,446	77	3.0	371	29	341
August	3,802	2,938	6,740	103	3.6	356	29	328
September	3,802	3,187	6,989	67	2.1	320	39	281
October	3,792	3,268	7,060	25	.8	221	96	124
November	3,809	3,199	7,008	28	.9	105	223	-118
December	3,812	2,513	6,325	-337	-11.8	52	805	-752
Total	3,812	2,513	6,325	-337	-11.8	2,491	2,804	-313
1990								
January	3,818	2,270	6,088	-239	-9.5	93	342	-249
February	3,814	2,004	5,818	10	.5	70	332	-262
March	3,818	1,875	5,693	99	5.6	125	258	-133
April	3,839	1,946	5,785	123	6.7	188	138	50
May	3,823	2,180	6,003	118	5.7	293	43	250
June	3,844	2,485	6,329	111	4.7	324	40	284
July	3,850	2,791	6,641	147	5.6	326	26	300
August	3,851	3,071	6,922	133	4.5	318	39	279
September	3,852	3,321	7,173	134	4.2	284	35	249
October	3,852	3,467	7,319	199	6.1	209	63	146
November	3,868	3,472	7,340	273	8.5	134	145	-11
December	3,868	3,068	6,936	555	22.1	69	473	-404
Total	3,868	3,068	6,936	555	22.1	2,433	1,934	499
1991								
January	3,911	2,362	6,273	92	4.1	115	660	-545
February	3,908	2,063	5,972	59	3.0	112	397	-285
March	3,895	1,912	5,806	37	2.0	129	291	-162
April	3,898	2,037	5,935	91	4.7	228	104	124
May	3,931	2,273	6,204	93	4.3	319	58	261
June	3,939	2,553	6,492	68	2.7	314	42	272
July	3,942	2,771	6,713	-20	-7	290	75	214
August	3,949	2,978	6,927	-93	-3.0	282	82	200
September	3,950	3,201	7,151	-120	-3.6	294	78	216
October	3,961	3,369	7,330	-98	-2.8	251	103	148
November	3,952	3,148	7,100	-324	-9.3	150	352	-202
December	3,954	2,824	6,778	-244	-8.0	125	448	-323
Total	3,954	2,824	6,778	-244	-8.0	2,608	2,689	-80
1992								
January	4,061	2,216	6,277	-146	-6.2	68	591	-524
February	4,057	1,837	5,894	-226	-10.9	52	441	-389
March	4,046	1,545	5,591	-367	-19.2	81	381	-301
April	4,038	1,573	5,611	-463	-22.8	167	150	18
May	4,044	1,848	5,892	-425	-18.7	330	53	277
June	4,050	2,153	6,203	-400	-15.7	366	43	323
July	4,064	2,460	6,524	-311	-11.2	357	50	307
August	4,062	2,761	6,823	-217	-7.3	364	54	309
September	4,061	3,044	7,105	-157	-4.9	346	48	298
October	4,065	3,223	7,288	-146	-4.3	264	78	186
November	4,061	3,054	7,115	-94	-3.0	95	276	-181
December	4,044	2,597	6,641	-227	-8.0	65	557	-491
Total	4,044	2,597	6,641	-227	-8.0	2,555	2,724	-168

^a For total underground storage capacity at the end of each calendar year, see Note 8 at end of section.

^b For 1980-1992, data differ from those shown on Table 4.2, which includes liquefied natural gas storage for that period.

^c Positive numbers indicate injections are greater than withdrawals. Negative numbers indicate withdrawals are greater than injections. Net injections or withdrawals may not equal the difference between applicable

ending stocks. See Note 8 at end of section.

R=Revised data. NA=Not available.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Natural Gas Notes and Sources

Notes:

1. Nonhydrocarbon Gases Removed: Annual data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are from the Energy Information Administration (EIA) *Natural Gas Annual (NGA) 1992*. Data are not available prior to 1980. Differences between annual data published in the EIA *NGA* and the sum of the preliminary monthly data (January-December) are allocated proportionally to the months to create final monthly data. For further information, see the EIA *Natural Gas Monthly (NGM)*.

2. Production: Final annual data are from the EIA *NGA*. Differences between annual data in the EIA *NGA* and the sum of preliminary monthly data (January-December) are allocated proportionally to the months to create final monthly data.

3. Extraction Loss: Extraction loss is the reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants. Annual data are from the EIA *NGA*, where they are estimated on the basis of the type and quantity of liquid products extracted from the gas stream and the calculated volume of such products at standard conditions. For a detailed explanation of the calculations used to derive estimated extraction losses, see the EIA *NGA*. Final monthly data are estimated by allocating annual extraction loss data to the months on the basis of total natural gas marketed production data from the EIA *NGA*.

4. Supplemental Gaseous Fuels: Any gaseous substance that, introduced into or commingled with natural gas, increases the volume available for disposition. Such substances include, but are not limited to, propane-air, refinery gas, coke oven gas, still gas, manufactured gas, biomass gas, or air or inert gases added for Btu stabilization. Annual data beginning with 1980 are from the EIA *NGA*. Unknown quantities of supplemental gaseous fuels are included in consumption data for 1979 and earlier years.

Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. The ratio is applied to the monthly sum of the three elements to compute a monthly supplemental gaseous fuels figure.

5. Imports and Exports: The United States imports natural gas via pipeline from Canada. Prior to 1985, it also imported natural gas via pipeline from Mexico. Liquefied natural gas (LNG) arrives via tanker from Algeria. One shipment of LNG was received from Indonesia in December 1986. Very small amounts of LNG

arrived from Canada in 1973 (667 million cubic feet), 1977 (572 million cubic feet), and 1981 (6 million cubic feet). The United States exports natural gas via pipeline to Canada and Mexico and LNG via tanker to Japan.

Annual and monthly data are from the annual EIA Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas," which requires data to be reported by month for the calendar year.

6. Consumption: Consumption includes pipeline fuel use, lease and plant fuel use, and deliveries to consuming sectors.

Monthly commercial data for 1973-1979 were calculated by EIA by applying monthly-to-annual "Commercial" sales data ratios from the American Gas Association (AGA), *Monthly Gas Utility Statistical Report* publications to the EIA annual commercial data. These calculated data replace the original set of commercial data in the *Historical Monthly Energy Review (HMER)*, 1973-1988, which were based on combined AGA "Commercial" and "Other" sales data.

Monthly residential data for 1973-1979 were calculated by EIA by applying monthly-to-annual "Residential" sales data ratios from the AGA to the EIA annual residential data.

Annual consumption data are from the EIA *NGA*. For more information on the methods of estimating monthly data, see the EIA *NGM*.

7. Balancing Item: The balancing item for natural gas represents the difference between the sum of the components of natural gas supply and the sum of components of natural gas disposition. The differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

The increase of 0.2 trillion cubic feet (Tcf) in the "Balancing Item" category in 1983, followed by a decline of 0.5 Tcf in 1984, reflected unusually large differences resulting from the use of the annual billing cycle (essentially December 15 through the following December 14) consumption data in conjunction with calendar year supply data. Record cold temperatures during the last half of December 1983 resulted in a reported 0.3 Tcf increase in net withdrawals from underground storage for peak shaving as compared with the same period in 1982, but

the effect of this cold weather was reflected primarily in 1984 consumption data. For underground storage data, see Table F2 in the May 1985 *NGM*, which was published in July 1985.

8. Natural Gas Storage: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals from the quantity in storage at the end of the previous period. The difference is due to changes in the quantity of native gas included in the base gas and/or losses in base gas due to migration from storage reservoirs.

Monthly underground storage data are collected from Federal Energy Regulatory Commission (FERC) Forms FERC-8 (interstate data) and EIA-191 (intrastate data). Beginning in January 1991, all data are collected on the revised Form EIA-191. Injection and withdrawal data from the FERC-8/EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the EIA *NGA*.

The final monthly and annual storage and withdrawal data for 1980-1989 include both underground and liquefied natural gas (LNG) storage. Annual data on LNG additions and withdrawals are from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying the ratio to the annual LNG data.

Total underground storage capacity at the end of each calendar year since 1975 (first year data were available), in billion cubic feet, was:

1975	6,280	1984	8,043
1976	6,544	1985	8,087
1977	6,678	1986	8,145
1978	6,890	1987	8,124
1979	6,929	1988	8,124
1980	7,434	1989	8,124
1981	7,805	1990	8,125
1982	7,915	1991	7,993
1983	7,985	1992	7,932

Sources:

Table 4.1

Annual data: • **1973-1987**—Energy Information Administration (EIA), *Natural Gas Annual 1992*, Volume 1, Table 95. **1988-1992**—EIA, *Natural Gas Monthly*, April 1994, Table 1.

Monthly data: • **Marketed Production, 1973-June 1976**—U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Mineral Industry Surveys*, "Natural Gas, Monthly," "Marketed Production, Imports and Exports of Natural Gas," and EIA revisions to January through May data based on mid-year receipt of annual data on

Form BOM-6-1341-A, "Supply and Distribution of Natural Gas—Producers." **July 1976-1977**—EIA, *Energy Data Reports*, "Natural Gas, Monthly," "Marketed Production, Imports and Exports of Natural Gas," and EIA revisions to January through May data based on mid-year receipt of annual data on Form BOM-6-1341-A, "Supply and Distribution of Natural Gas—Producers." **1978 and 1979**—EIA, *Energy Data Reports*, "Natural Gas, Monthly," "Natural and Synthetic Gas," and EIA revisions to January through July data based on mid-year receipt of annual data on Form BOM-6-1341-A, "Supply and Distribution of Natural Gas—Producers," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

- **Extraction Loss, 1973-1981**—Calculated by EIA as the annual extraction loss proportion of annual marketed production times marketed production for each month.

- **Total Dry Gas Production, 1973-1981**—Calculated by EIA as "Marketed Production" minus "Extraction Loss."

- **All Series, 1980-1992** (except Extraction Loss and Total Dry Gas Production, 1980 and 1981, which are cited above)—EIA, *Natural Gas Monthly*, Table 1, issues as listed, and revisions from the Natural Gas Office data systems:

Data	Issue
1980	February 1983
1981	November 1983
1982	August 1984
1983	December 1985
1984	December 1986
1985	December 1987
1986	December 1988
1987	December 1989
1988	February 1991
1989	February 1992
1990	December 1992
1991	June 1993
1992	April 1994

Table 4.2

Annual data: • **Total Dry Gas Production, 1973-1987**—EIA, *Natural Gas Annual 1992*, Volume 1, Table 95.

- **Withdrawals from Storage, 1973-1975 and 1980-1987**—EIA, *Natural Gas Annual 1992*, Volume 1, Table 96. **1976-1979**—EIA, *Natural Gas Production and Consumption 1979*, Table 1.

- **Supplemental Gaseous Fuels, 1980-1987**—EIA, *Natural Gas Annual 1990*, Volume 2, Table 12.

- **Imports, Additions to Storage, Exports, and Consumption, 1973-1987**—EIA, *Natural Gas Annual 1992*, Volume 1, Table 96.

- **Total Supply/Disposition, 1973-1987**—Sum of disposition items.

- **Balancing Item, 1973-1987**—Total supply/disposition minus all other supply items.
- **All Series, 1988-1992**—EIA, *Natural Gas Monthly*, April 1994, Table 2.

Monthly data: • **Total Dry Gas Production, 1973-1981**—Table 4.1.

- **Withdrawals from Storage and Additions to Storage**—EIA, *Monthly Energy Review*, issues as listed, and revisions from the Integrated Modeling Data System:

Data	Issue
Sept.-Dec. 1975	February 1979
1976	February 1979
1977	December 1979
1978	August 1980
1979	June 1981

- **Imports and Exports, 1973-June 1976**—DOI, BOM, *Mineral Industry Surveys*, "Natural Gas, Monthly," and EIA revisions to data from the Federal Power Commission (FPC), Form FPC-14. **July 1976-1979**—EIA, *Energy Data Reports*, "Natural Gas, Monthly," and EIA revisions to data from the FPC, Form FPC-14.

- **Consumption, 1973-1979**—Calculated by DOI, BOM, and EIA as the sum of total dry gas production, net trade, and estimated withdrawals from storage, additions to storage, and unaccounted for.

- **Total Supply/Disposition, September 1975-1992**—Sum of the disposition items.

- **Balancing Item, September 1975-1992**—Total supply/disposition minus all other supply items.

- **All Other Series, 1980-1992** (except Total Dry Gas Production, 1980 and 1981, which is cited above)—EIA, *Natural Gas Monthly*, Table 2, issues as listed, and revisions from the Natural Gas Office data systems:

Data	Issue
1980	February 1983
1981	November 1983
1982	August 1984
1983	December 1985
1984	December 1986
1985	December 1987
1986	December 1988
1987	December 1989
1988	February 1991
1989	December 1991
1990	December 1992
1991	June 1993
1992	April 1994

Table 4.3

- **Annual data: 1973-1987**—EIA, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas."

1988-1992—EIA, *Natural Gas Monthly*, April 1994, Tables 5 and 6.

- **Monthly data: 1973-1991**—EIA, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." **1992**—EIA, *Natural Gas Monthly*, April 1994, Tables 5 and 6.

Table 4.4

Annual data: • **1973-1987**—EIA, *Natural Gas Annual 1992*, Volume 1, Table 97. **1988-1992**—EIA, *Natural Gas Monthly*, April 1994, Table 3.

Monthly data: • **Total Consumption, 1973-1979**—Table 4.2.

- **Electric Utilities, 1973-1976**—FPC, Form FPC-4. **1977-1979**—EIA, Form EIA-759.

- **Residential and Commercial, 1973-1979**—EIA calculations, see Note 6.

- **Pipeline Fuel, 1973-1979**—Calculated by EIA by applying monthly-to-annual total consumption ratios to the EIA pipeline fuel annual data.

- **All Series, 1980-1992**—EIA, *Natural Gas Monthly (NGM)*, Table 3, issues as listed, and revisions from the Natural Gas Office data systems:

Data	Issue
1980	February 1983 (Commercial deliveries are the sum of <i>NGM</i> "Commercial" and "Other deliveries").
1981	November 1983 (Commercial deliveries are the sum of <i>NGM</i> "Commercial" and "Other deliveries").
1982	August 1984
1983	December 1985
1984	December 1986
1985	January 1988
1986	January 1989
1987	January 1990
1988	March 1991
1989	December 1991
1990	December 1992
1991	June 1993
1992	April 1994

Table 4.5

Annual data: • **Storage Activity, 1973-1975**—EIA, *Natural Gas Annual 1992*, Volume 2, Table 9. **1976-1979**—EIA, *Natural Gas Production and Consumption 1979*, Table 1. **1980-1987**—EIA, *Natural Gas Annual 1992*, Volume 2, Table 11. **1988-1992**—*Natural Gas Monthly*, April 1994, Table 13.

- **All Other Data, 1973 and 1974**—American Gas Association, *Gas Facts, 1972 Data*, Table 57, *Gas Facts, 1973 Data*, Table 57, and *Gas Facts, 1974 Data*, Table 40. **1975 and 1976**—Federal Energy Administration (FEA), Form

FEA-G318-M-0, "Underground Gas Storage Report," and FPC, Form FPC-8, "Underground Gas Storage Report." **1977 and 1978**—EIA, Form FEA-G318-M-0, "Underground Gas Storage Report," and Federal Energy Regulatory Commission (FERC), Form FERC-8, "Underground Gas Storage Report." **1979**—EIA, Form EIA-191, "Underground Gas Storage Report," and FERC, Form FERC-8, "Underground Gas Storage Report." **1980-1992**—EIA, *Natural Gas Monthly*, issues and tables as listed below for monthly data.

Monthly data: • **Change in Working Gas, December Data, 1973-1979**—Sources are the same as those for annual data. **October 1975, September-November 1976, January-November 1977, January-November 1978, and January-November 1979**—Calculated by EIA by using Natural Gas in Underground Storage data from the above sources.

• **Natural Gas in Underground Storage, December Data, 1973-1979**—Sources are the same as those for annual data. **October 1974-November 1979**—EIA, *Monthly Energy Review*, issues as listed:

Data	Issue
October 1974	December 1977
Sept.-Nov. 1975	February 1979
Jan.-Nov. 1976	February 1979
Jan.-Nov. 1977	December 1979
Jan.-Nov. 1978	August 1980
Jan.-Nov. 1979	June 1981

• **Storage Activity, September 1975-December 1981**—EIA, *Monthly Energy Review*, issues as listed, and revisions from the Integrated Modeling Data System:

Data	Issue
Sept.-Dec. 1975	February 1979
1976	February 1979
1977	December 1979
1978	August 1980
1979	June 1981
1980	February 1983
1981	December 1983(4)

• **All Series, 1980-1992** (except Storage Activity, 1980 and 1981, which are cited above)—EIA, *Natural Gas Monthly*, issues and tables as listed, and revisions from the Natural Gas Office data systems:

Data	Issue	Table
1980	February 1983	5
1981	November 1983	5
1982	September 1984	5
1983	December 1985	17
1984	December 1986	17
1985	December 1987	17
1986	December 1988	17
1987	December 1989	17
1988	February 1991	17
1989	December 1991	17
1990	December 1992	17
1991	June 1993	13
1992	April 1994	13

Section 5

Oil and Gas Resource Development



A Stevens Zone rig drills for oil at the Elk Hills Naval Petroleum Reserve in California.

Table 5.1 Oil and Gas Drilling Activity Measurements, 1973-1992

	Crews Engaged in Seismic Exploration			Rotary Rigs in Operation ^a					Total Footage Drilled ^c	Active Well Servicing Units ^d
	Offshore	Onshore	Total	By Site		By Type		Total ^b		
				Offshore	Onshore	Oil	Gas			
Monthly Average				Weekly Average					Thousand Feet	Number
1973										
January	NA	NA	NA	99	1,120	NA	NA	1,219	11,583	NA
February	NA	NA	NA	89	1,037	NA	NA	1,126	10,184	NA
March	NA	NA	NA	90	959	NA	NA	1,049	11,123	NA
April	NA	NA	NA	79	914	NA	NA	993	10,103	NA
May	NA	NA	NA	72	974	NA	NA	1,046	11,928	NA
June	NA	NA	NA	76	1,042	NA	NA	1,118	11,360	NA
July	NA	NA	NA	81	R 1,075	NA	NA	R 1,156	11,550	NA
August	NA	NA	NA	82	1,140	NA	NA	1,222	13,184	NA
September	NA	NA	NA	83	1,183	NA	NA	1,266	11,523	NA
October	NA	NA	NA	84	1,250	NA	NA	1,334	12,664	NA
November	NA	NA	NA	86	1,304	NA	NA	1,390	12,192	NA
December	NA	NA	NA	87	1,318	NA	NA	1,405	12,033	NA
Average	23	227	250	84	1,110	NA	NA	1,194	R 139,427	NA
1974										
January	NA	NA	NA	89	1,283	NA	NA	1,372	11,960	NA
February	NA	NA	NA	91	1,264	NA	NA	1,355	10,981	NA
March	NA	NA	NA	95	1,272	NA	NA	1,367	12,836	NA
April	NA	NA	NA	101	1,280	NA	NA	1,381	13,223	NA
May	35	278	313	94	R 1,319	NA	NA	R 1,413	13,123	NA
June	38	279	317	90	1,342	NA	NA	1,432	12,413	NA
July	35	299	334	93	1,387	NA	NA	1,480	13,896	NA
August	34	287	321	92	1,426	NA	NA	1,518	12,720	NA
September	34	287	321	90	1,437	NA	NA	1,527	12,669	NA
October	32	288	320	91	1,493	NA	NA	1,584	13,816	NA
November	30	276	306	99	1,497	NA	NA	1,596	12,623	NA
December	25	275	300	103	1,540	NA	NA	1,643	13,531	NA
Average	31	274	305	94	1,378	NA	NA	1,472	153,791	NA
1975										
January	27	274	301	94	1,521	NA	NA	1,615	R 14,895	NA
February	24	278	302	93	1,518	NA	NA	1,611	12,348	NA
March	23	276	299	102	1,549	NA	NA	1,651	14,282	NA
April	23	260	283	102	R 1,503	NA	NA	R 1,605	14,253	NA
May	32	254	286	102	1,490	NA	NA	1,592	14,777	NA
June	38	251	289	106	1,507	NA	NA	1,613	14,513	NA
July	37	249	286	109	R 1,508	NA	NA	R 1,617	15,377	NA
August	40	249	289	112	1,533	NA	NA	1,645	15,988	NA
September	40	234	274	113	1,586	NA	NA	1,699	15,888	NA
October	29	241	270	112	1,604	NA	NA	1,716	17,390	NA
November	27	238	265	113	1,644	NA	NA	1,757	15,072	2,505
December	26	233	259	116	1,677	NA	NA	1,793	16,263	2,675
Average	30	254	284	106	1,554	NA	NA	1,660	181,046	NA
1976										
January	20	232	252	123	1,588	NA	NA	R 1,711	17,618	2,612
February	17	232	249	126	1,468	NA	NA	1,594	14,101	2,490
March	18	222	240	132	1,408	NA	NA	1,540	15,715	2,521
April	17	221	238	124	1,356	NA	NA	1,480	R 14,965	2,597
May	21	226	247	121	1,375	NA	NA	1,496	14,231	2,575
June	29	229	258	120	1,426	NA	NA	1,546	15,302	2,607
July	30	240	270	132	1,465	NA	NA	1,597	14,888	2,606
August	33	242	275	128	1,563	NA	NA	1,691	16,101	2,656
September	28	240	268	126	1,618	NA	NA	1,744	15,852	2,652
October	21	246	267	128	1,666	NA	NA	1,794	16,672	2,639
November	25	250	275	137	1,703	NA	NA	1,840	15,866	2,601
December	27	259	286	145	R 1,716	NA	NA	R 1,861	15,980	2,660
Average	25	237	262	129	1,529	NA	NA	1,658	187,291	2,601
1977										
January	26	254	280	146	1,704	NA	NA	1,850	16,003	2,474
February	27	259	286	166	1,690	NA	NA	1,856	15,203	2,628
March	22	260	282	163	1,724	NA	NA	1,887	18,484	2,695
April	26	266	292	162	1,745	NA	NA	1,907	16,870	2,804
May	29	272	301	169	1,813	NA	NA	1,982	17,787	2,760
June	31	274	305	169	1,839	NA	NA	2,008	18,440	2,895
July	30	285	315	172	1,851	NA	NA	2,023	17,517	2,929
August	31	295	326	178	1,888	NA	NA	2,066	R 19,845	2,942
September	29	291	320	178	1,906	NA	NA	2,084	18,562	2,964
October	28	302	330	169	1,932	NA	NA	2,101	R 19,966	2,973
November	26	309	335	168	1,945	NA	NA	2,113	18,364	2,968
December	26	303	329	168	1,973	NA	NA	2,141	R 18,655	2,898
Average	27	281	308	167	1,834	NA	NA	2,001	215,696	2,828

See footnotes at end of table.

Table 5.1 Oil and Gas Drilling Activity Measurements, 1973-1992 (Continued)

	Crews Engaged in Seismic Exploration			Rotary Rigs in Operation ^a					Total Footage Drilled ^c	Active Well Servicing Units ^d
	Offshore	Onshore	Total	By Site		By Type		Total ^b		
				Offshore	Onshore	Oil	Gas			
Monthly Average			Weekly Average					Thousand Feet	Number	
1978										
January	26	302	328	172	1,956	NA	NA	2,128	18,305	2,810
February	23	305	328	181	1,954	NA	NA	2,135	15,348	2,906
March	20	314	334	180	^R 1,979	NA	NA	^R 2,159	19,423	2,899
April	21	321	342	182	2,016	NA	NA	2,198	20,330	2,997
May	21	330	351	183	2,066	NA	NA	2,249	20,174	2,996
June	26	336	362	184	^R 2,103	NA	NA	^R 2,287	20,528	2,987
July	26	341	367	185	2,122	NA	NA	2,307	19,680	3,006
August	27	338	365	198	^R 2,127	NA	NA	^R 2,325	21,347	3,089
September	21	333	354	194	2,138	NA	NA	2,332	20,807	3,073
October	29	342	371	190	2,156	NA	NA	2,346	22,669	3,078
November	27	342	369	187	2,169	NA	NA	2,356	20,278	2,958
December	30	328	358	188	2,098	NA	NA	2,286	19,499	3,063
Average	25	327	352	185	2,074	NA	NA	2,259	238,388	2,988
1979										
January	28	327	355	207	1,992	NA	NA	2,199	19,326	3,094
February	29	321	350	206	1,858	NA	NA	2,064	15,926	2,698
March	32	332	364	203	^R 1,768	NA	NA	^R 1,971	18,797	2,765
April	30	330	360	207	1,736	NA	NA	1,943	17,583	3,034
May	28	355	383	198	1,762	NA	NA	1,960	19,610	3,369
June	32	372	404	205	1,794	NA	NA	1,999	19,860	3,506
July	31	376	407	205	1,889	NA	NA	2,094	19,663	3,572
August	31	393	424	208	2,014	NA	NA	2,222	22,492	3,621
September	30	403	433	215	2,069	NA	NA	2,284	21,006	3,673
October	29	407	436	211	2,169	NA	NA	2,380	24,611	3,954
November	31	408	439	205	2,255	NA	NA	2,460	22,166	3,795
December	31	419	450	216	2,336	NA	NA	2,552	22,646	3,709
Average	30	370	400	207	1,970	NA	NA	2,177	243,686	3,399
1980										
January	29	439	468	219	2,352	NA	NA	2,571	^R 25,096	3,855
February	29	440	469	216	2,397	NA	NA	2,613	21,488	3,923
March	29	448	477	219	2,439	NA	NA	2,658	23,227	4,010
April	31	465	496	222	^R 2,461	NA	NA	^R 2,683	23,529	3,871
May	34	468	502	229	2,568	NA	NA	2,797	24,767	4,032
June	39	496	535	235	2,615	NA	NA	2,850	27,204	4,112
July	42	514	556	235	2,718	NA	NA	2,953	27,112	4,092
August	44	521	565	235	2,810	NA	NA	3,045	27,581	4,155
September	44	523	567	231	2,868	NA	NA	3,099	28,488	4,277
October	41	530	571	232	^R 2,917	NA	NA	^R 3,149	29,347	4,290
November	41	531	572	247	2,973	NA	NA	3,220	^R 26,825	4,281
December	40	540	580	250	3,036	NA	NA	3,286	27,639	4,172
Average	37	493	530	231	2,678	NA	NA	2,909	312,303	4,089
1981										
January	38	553	591	245	3,141	NA	NA	3,386	^R 34,935	4,209
February	41	561	602	234	3,268	NA	NA	3,502	28,001	4,359
March	40	570	610	252	3,343	NA	NA	3,595	32,331	4,238
April	40	605	645	256	3,472	NA	NA	3,728	31,956	4,430
May	42	619	661	249	^R 3,568	NA	NA	^R 3,817	33,759	4,749
June	44	652	696	246	3,680	NA	NA	3,926	34,155	5,093
July	43	668	711	262	3,736	NA	NA	3,998	34,829	5,172
August	46	689	735	264	3,867	NA	NA	4,131	36,708	5,196
September	47	697	744	266	3,976	NA	NA	4,242	35,618	5,164
October	52	689	741	264	4,088	NA	NA	4,352	36,184	5,142
November	47	681	^R 728	270	4,166	NA	NA	4,436	33,262	5,165
December	47	656	703	283	^R 4,238	NA	NA	^R 4,521	37,104	5,279
Average	44	637	681	256	3,714	NA	NA	3,970	408,842	4,850
1982										
January	53	642	695	280	4,156	NA	NA	4,436	39,440	5,368
February	53	625	678	269	3,891	NA	NA	4,160	32,368	5,220
March	52	597	649	262	3,554	NA	NA	3,816	37,984	4,808
April	55	571	626	251	3,209	NA	NA	3,460	33,396	4,334
May	61	551	612	251	2,927	NA	NA	3,178	^R 31,295	4,328
June	69	546	615	248	2,660	NA	NA	2,908	29,630	4,005
July	66	527	593	242	2,504	NA	NA	2,746	29,612	3,846
August	62	500	562	235	2,385	NA	NA	2,620	^R 30,855	3,779
September	59	476	535	228	^R 2,255	NA	NA	^R 4,283	28,582	3,726
October	51	465	516	229	2,173	NA	NA	2,402	^R 29,027	3,762
November	50	452	502	214	2,286	NA	NA	2,500	27,111	3,933
December	49	428	477	214	2,482	NA	NA	2,696	^R 29,137	3,865
Average	57	531	588	243	2,862	NA	NA	3,105	^R 378,437	4,248

See footnotes at end of table.

Table 5.1 Oil and Gas Drilling Activity Measurements, 1973-1992 (Continued)

	Crews Engaged in Seismic Exploration			Rotary Rigs in Operation ^a					Total Footage Drilled ^c	Active Well Servicing Units ^d
	Offshore	Onshore	Total	By Site		By Type		Total ^b		
				Offshore	Onshore	Oil	Gas			
	Monthly Average			Weekly Average					Thousand Feet	Number
1983										
January	49	407	456	218	2,404	NA	NA	2,622	R 30,202	3,786
February	47	404	451	216	1,976	NA	NA	2,192	R 24,143	3,629
March	45	402	447	210	1,793	NA	NA	2,003	R 26,160	3,537
April	39	410	449	213	1,633	NA	NA	1,846	R 22,661	3,413
May	39	410	449	209	1,717	NA	NA	1,926	R 24,130	3,340
June	43	428	471	202	1,777	NA	NA	1,979	R 24,175	3,313
July	46	437	483	178	1,861	NA	NA	2,039	R 25,281	3,431
August	49	435	484	181	1,975	NA	NA	2,156	R 27,623	3,868
September	57	444	501	175	2,077	NA	NA	2,252	R 27,260	3,927
October	50	448	498	177	2,205	NA	NA	2,382	R 29,758	4,024
November	49	446	495	159	2,413	NA	NA	2,572	R 29,107	4,262
December	48	445	493	210	2,570	NA	NA	2,780	R 28,085	4,255
Average	47	426	473	199	2,033	NA	NA	2,232	R 318,585	3,732
1984										
January	50	427	477	216	2,450	NA	NA	2,666	R 32,370	4,240
February	53	433	486	202	2,221	NA	NA	2,423	R 28,857	4,337
March	47	424	471	198	2,047	NA	NA	2,245	R 29,416	3,989
April	50	423	473	203	1,917	NA	NA	2,120	R 26,337	3,859
May	46	444	490	202	2,075	NA	NA	2,277	R 30,837	4,224
June	45	455	500	205	2,158	NA	NA	2,363	R 32,172	4,864
July	47	482	529	206	2,180	NA	NA	2,386	R 32,439	5,100
August	53	470	523	216	2,201	NA	NA	2,417	R 33,287	5,061
September	52	472	524	214	2,206	NA	NA	2,420	R 30,013	5,157
October	48	449	497	223	2,269	NA	NA	2,492	R 32,359	5,052
November	49	444	493	232	2,397	NA	NA	2,629	R 31,437	5,075
December	52	414	466	242	2,471	NA	NA	2,713	R 31,206	5,001
Average	49	445	494	213	2,215	NA	NA	2,428	R 370,730	4,663
1985										
January	46	393	439	242	2,210	NA	NA	2,452	R 30,637	4,919
February	46	360	406	233	1,955	NA	NA	2,188	R 26,078	4,856
March	48	340	388	223	1,732	NA	NA	1,955	R 28,673	4,626
April	47	336	383	210	1,667	NA	NA	1,877	R 26,726	4,538
May	41	323	364	200	1,665	NA	NA	1,865	R 25,359	4,655
June	47	324	371	203	1,653	NA	NA	R 1,856	R 24,616	4,673
July	47	350	397	194	1,715	NA	NA	1,909	R 25,873	4,616
August	49	341	390	197	1,734	NA	NA	1,931	R 27,499	4,845
September	49	323	372	197	1,733	NA	NA	1,930	R 24,343	4,808
October	45	312	357	195	1,684	NA	NA	1,879	R 25,747	4,729
November	41	305	346	187	1,725	NA	NA	1,912	R 21,892	4,745
December	39	287	326	190	1,760	NA	NA	1,950	R 25,126	4,582
Average	45	333	378	206	1,774	NA	NA	1,980	R 312,569	4,716
1986										
January	39	271	310	175	1,635	NA	NA	1,810	R 26,748	4,649
February	39	256	295	164	1,280	NA	NA	1,444	R 20,310	4,498
March	28	212	240	132	1,007	NA	NA	1,139	R 19,808	3,450
April	20	185	205	112	794	NA	NA	906	R 16,636	2,942
May	19	172	191	94	687	NA	NA	781	R 12,500	2,733
June	18	162	180	73	632	NA	NA	705	R 10,856	2,644
July	20	138	158	65	621	NA	NA	686	R 11,205	2,656
August	19	137	156	65	665	NA	NA	730	R 10,941	2,598
September	24	131	155	74	681	NA	NA	755	R 11,023	2,472
October	22	136	158	80	739	NA	NA	819	R 11,866	2,468
November	19	139	158	79	820	NA	NA	899	R 11,842	2,582
December	18	139	157	89	874	NA	NA	963	R 13,751	2,744
Average	24	176	R 200	99	865	NA	NA	964	R 177,486	3,036
1987										
January	18	142	160	88	812	NA	NA	900	R 13,596	2,759
February	19	132	151	75	743	NA	NA	818	R 11,536	2,669
March	18	132	150	76	696	NA	NA	772	R 11,655	2,558
April	19	145	164	73	681	NA	NA	754	R 11,449	2,762
May	20	146	166	76	687	NA	NA	763	R 11,918	2,597
June	22	147	169	85	703	NA	NA	788	R 12,082	2,745
July	24	159	183	97	804	NA	NA	901	R 13,094	2,833
August	28	159	187	109	894	626	352	1,003	R 14,255	3,416
September	29	164	193	114	987	713	364	1,101	R 14,744	3,412
October	32	163	195	116	1,008	727	377	1,124	R 16,441	3,610
November	28	170	198	118	1,034	746	386	1,152	R 14,924	3,687
December	27	172	199	128	1,034	746	403	1,162	R 15,532	3,667
Average	24	153	R 177	95	841	NA	NA	936	R 161,226	3,060

See footnotes at end of table.

Table 5.1 Oil and Gas Drilling Activity Measurements, 1973-1992 (Continued)

	Crews Engaged in Seismic Exploration			Rotary Rigs in Operation ^a					Total Footage Drilled ^c Thousand Feet	Active Well Servicing Units ^d Number
	Offshore	Onshore	Total	By Site		By Type		Total ^b		
				Offshore	Onshore	Oil	Gas			
	Monthly Average			Weekly Average						
1988										
January	30	167	197	127	949	663	391	1,076	R 14,502	3,375
February	30	168	198	123	853	575	375	976	R 13,435	3,485
March	29	165	194	119	832	582	338	951	R 13,589	3,416
April	29	167	196	117	800	567	316	917	R 12,674	3,230
May	30	164	194	123	768	562	300	891	R 12,438	3,450
June	30	158	188	124	773	554	309	897	R 12,641	3,541
July	28	158	186	126	786	568	309	912	R 12,238	3,425
August	32	156	188	123	807	565	335	930	R 11,987	3,559
September	30	151	181	122	805	512	390	927	R 12,701	3,344
October	30	142	172	122	801	518	377	923	R 13,266	3,137
November	28	127	155	129	789	490	406	918	R 11,529	3,090
December	27	114	141	127	797	507	397	924	R 12,340	3,036
Average	29	153	182	123	813	554	354	936	R 153,340	3,341
1989										
January	25	112	137	110	731	455	364	841	11,225	3,081
February	23	115	138	95	667	392	347	762	9,062	2,997
March	21	108	129	93	660	407	325	753	9,708	3,277
April	22	109	131	92	679	427	322	771	10,141	3,417
May	22	104	126	92	662	431	311	754	10,185	3,458
June	22	102	124	103	692	423	357	795	10,721	3,319
July	22	107	129	114	718	432	386	832	10,945	3,367
August	26	110	136	114	772	437	438	886	11,903	3,379
September	24	114	138	107	848	460	484	955	11,730	3,495
October	21	109	130	106	878	493	482	984	12,421	3,645
November	20	109	129	119	922	532	498	1,041	12,375	3,690
December	20	112	132	117	948	541	517	1,065	12,967	3,565
Average	23	109	132	105	764	453	401	869	133,383	3,391
1990										
January	20	103	123	113	885	514	477	998	13,657	3,537
February	20	100	120	105	806	492	412	911	10,942	3,486
March	21	107	128	108	797	478	421	905	11,207	3,611
April	24	101	125	111	824	484	447	935	10,753	3,411
May	25	104	129	120	841	493	465	961	11,529	3,403
June	23	100	123	113	886	498	495	999	11,996	3,522
July	24	105	129	108	902	497	496	1,010	12,529	3,450
August	23	102	125	108	879	506	466	987	12,982	3,605
September	25	101	126	107	935	566	460	1,042	12,663	3,905
October	23	98	121	99	974	588	469	1,073	14,515	3,988
November	23	100	123	106	1,031	615	495	1,137	12,657	3,984
December	23	98	121	101	1,035	643	460	1,136	13,948	3,994
Average	23	102	125	108	902	532	464	1,010	149,378	3,658
1991										
January	22	92	114	91	977	633	413	1,068	13,243	3,579
February	21	97	118	88	896	564	405	984	12,738	3,512
March	24	88	112	81	848	520	389	929	12,905	3,444
April	23	87	110	95	770	469	374	865	12,490	3,416
May	22	85	107	98	721	430	354	819	11,514	3,394
June	21	87	108	93	774	483	342	867	11,214	3,363
July	16	89	105	80	764	472	332	844	11,940	3,369
August	15	87	102	68	735	451	326	803	11,861	3,257
September	14	84	98	71	704	433	314	775	10,669	3,208
October	15	81	96	68	727	433	330	795	11,830	3,138
November	18	73	91	72	736	457	328	808	10,395	3,113
December	19	66	85	65	731	469	308	796	11,049	3,183
Average	19	85	104	81	779	482	351	860	141,848	3,331
1992										
January	18	61	79	56	654	400	294	710	10,196	2,912
February	13	62	75	51	618	378	277	669	8,610	2,704
March	13	67	80	54	594	381	250	648	9,381	2,592
April	13	72	85	55	587	370	251	642	8,860	2,727
May	13	66	79	47	591	358	260	638	9,261	2,264
June	12	64	76	44	577	343	260	621	9,034	2,369
July	9	60	69	48	628	349	310	676	9,529	2,492
August	9	67	76	51	635	334	331	686	9,635	2,630
September	10	66	76	45	672	345	356	717	10,748	2,825
October	10	66	76	53	750	392	399	803	11,925	3,076
November	15	61	76	60	822	418	451	882	11,764	2,977
December	13	58	71	59	867	397	509	926	12,167	3,218
Average	12	64	76	52	669	373	331	721	121,110	2,732

^a Monthly data are averages of 4- or 5-week reporting periods, not calendar months. Annual data are averages of 52- or 53-week reporting periods, not calendar years.

^b Sum of oil, gas, and miscellaneous other rigs, which is not shown.

^c Values shown are totals.

^d See Glossary.

R=Revised data. NA=Not available.

Notes: • The data in this table are frequently revised; those shown here correspond to the data in the July 1994 *Monthly Energy Review*.

• Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 5.2 Oil and Gas Wells Drilled, 1973-1992

(Number of Wells)

	Exploratory				Development				Total			
	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total
1973												
January	58	61	548	667	726	461	339	1,526	784	522	887	2,193
February	54	61	414	529	649	393	343	1,385	703	454	757	1,914
March	54	69	438	561	803	427	385	1,615	857	496	823	2,176
April	28	82	374	484	660	466	294	1,420	688	548	668	1,904
May	51	97	461	609	846	506	358	1,710	897	603	819	2,319
June	64	86	484	634	858	465	349	1,672	922	551	833	2,306
July	47	114	535	696	820	503	369	1,692	867	617	904	2,388
August	73	93	605	771	911	602	426	1,939	984	^R 695	1,031	2,710
September	55	105	510	670	847	472	363	1,682	902	577	873	2,352
October	51	111	564	726	849	586	402	1,837	900	697	966	2,563
November	64	97	506	667	854	524	410	1,788	918	621	916	^R 2,455
December	55	103	599	757	774	491	390	1,655	829	594	989	2,412
Total	654	1,079	6,038	7,771	9,597	5,896	4,428	19,921	10,251	6,975	10,466	27,692
1974												
January	58	86	492	636	856	600	377	1,833	914	686	869	2,469
February	54	88	490	632	832	459	312	1,603	886	547	802	2,235
March	71	99	497	667	997	560	408	1,965	1,068	659	905	2,632
April	61	111	539	711	1,072	517	424	2,013	1,133	628	963	2,724
May	78	121	574	773	1,118	483	458	2,059	1,196	604	1,032	2,832
June	86	97	567	750	1,133	492	395	2,020	1,219	589	962	2,770
July	82	105	612	799	1,173	500	515	2,188	1,255	605	1,127	2,987
August	82	82	623	787	1,133	472	451	2,056	1,215	554	1,074	2,843
September	64	108	591	763	1,026	464	482	1,972	1,090	572	1,073	2,735
October	86	118	626	830	1,193	516	527	2,236	1,279	634	1,153	3,066
November	66	94	650	810	1,041	433	454	1,928	1,107	527	1,104	2,738
December	82	96	633	811	1,220	469	508	2,197	1,302	565	1,141	3,008
Total	870	1,205	6,894	8,969	12,794	5,965	5,311	24,070	13,664	7,170	12,205	33,039
1975												
January	84	97	630	811	1,231	522	513	2,266	1,315	619	1,143	3,077
February	82	81	459	622	988	458	413	1,859	1,070	539	872	2,481
March	94	92	581	767	1,226	442	455	2,123	1,320	534	1,036	2,890
April	84	98	557	739	1,252	497	484	2,233	1,336	595	1,041	2,972
May	86	114	548	748	1,269	523	500	2,292	1,355	637	1,048	3,040
June	81	104	544	729	1,352	577	546	2,475	1,433	681	1,090	3,204
July	83	129	636	848	1,370	603	532	2,505	1,453	732	1,168	3,353
August	94	134	598	826	1,450	704	600	2,754	1,544	838	1,198	3,580
September	70	94	618	782	1,429	698	651	2,778	1,499	792	1,269	3,560
October	90	114	694	898	1,636	729	688	3,053	1,726	843	1,382	3,951
November	70	110	642	822	1,367	569	592	2,528	1,437	679	1,234	3,350
December	73	96	700	869	1,418	585	555	2,558	1,491	681	1,255	3,427
Total	991	1,263	7,207	9,461	15,988	6,907	6,529	29,424	16,979	8,170	13,736	38,885
1976												
January	92	129	687	908	1,619	740	636	2,995	1,711	869	1,323	3,903
February	101	110	528	739	1,185	584	521	2,290	1,286	694	1,049	3,029
March	90	125	602	817	1,409	592	574	2,575	1,499	717	1,176	3,392
April	80	117	540	737	1,390	544	592	2,526	1,470	661	1,132	3,263
May	87	106	506	699	1,298	603	567	2,468	1,385	709	1,073	3,167
June	92	136	545	773	1,451	644	579	2,674	1,543	780	1,124	3,447
July	86	109	533	728	1,250	690	548	2,488	1,336	799	1,081	3,216
August	109	115	557	781	1,477	855	541	2,873	1,586	970	1,098	3,654
September	93	108	580	781	1,385	756	576	2,717	1,478	864	1,156	3,498
October	78	109	604	791	1,454	710	641	2,805	1,532	819	1,245	3,596
November	104	111	575	790	1,295	734	589	2,618	1,399	845	1,164	3,408
December	88	87	597	772	1,384	624	587	2,595	1,472	711	1,184	3,367
Total	1,100	1,362	6,854	9,316	16,597	8,076	6,951	31,624	17,697	9,438	13,805	40,940
1977												
January	110	82	558	750	1,278	769	539	2,586	1,388	851	1,097	3,336
February	97	100	487	684	1,251	684	516	2,451	1,348	784	1,003	3,135
March	94	138	573	805	1,563	872	643	3,078	1,657	1,010	1,216	3,883
April	100	127	539	766	1,415	774	604	2,793	1,515	901	1,143	3,559
May	105	117	600	822	1,489	828	654	2,971	1,594	945	1,254	3,793
June	110	155	576	841	1,565	940	626	3,131	1,675	1,095	1,202	3,972
July	78	132	609	819	1,429	902	652	2,983	1,507	1,034	1,261	3,802
August	100	152	604	856	1,591	1,033	740	3,364	1,691	1,185	1,344	4,220
September	94	137	692	923	1,527	937	631	3,095	1,621	1,074	1,323	4,018
October	103	139	730	972	1,521	1,022	698	3,241	1,624	1,161	1,428	4,213
November	109	151	698	958	1,448	863	687	2,998	1,557	1,014	1,385	3,956
December	83	132	736	951	1,440	933	644	3,017	1,523	1,065	1,380	3,968
Total	1,183	1,562	7,402	10,147	17,517	10,557	7,634	35,708	18,700	12,119	15,036	45,855

See footnotes at end of table.

Table 5.2 Oil and Gas Wells Drilled, 1973-1992 (Continued)

(Number of Wells)

	Exploratory				Development				Total			
	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total
1978												
January	81	144	656	881	1,311	937	695	2,943	1,392	1,081	1,351	3,824
February	94	119	547	760	1,076	743	494	2,313	1,170	862	1,041	3,073
March	89	147	641	877	1,363	932	643	2,938	1,452	1,079	1,284	3,815
April	109	161	627	897	1,673	979	685	3,337	1,782	1,140	1,312	4,234
May	119	156	639	914	1,576	1,025	713	3,314	1,695	1,181	1,352	4,228
June	113	152	660	925	1,646	1,092	752	3,490	1,759	1,244	1,412	4,415
July	99	144	700	943	1,454	1,066	714	3,234	1,553	1,210	1,414	4,177
August	96	153	683	932	1,592	1,202	841	3,635	1,688	1,355	1,524	4,567
September	98	143	698	939	1,488	1,160	797	3,445	1,586	1,303	1,495	4,384
October	103	191	779	1,073	1,751	1,235	792	3,778	1,854	1,426	1,571	4,851
November	99	132	703	934	1,533	1,150	732	3,415	1,632	1,282	1,435	4,349
December	91	150	721	962	1,411	1,092	679	3,182	1,502	1,242	1,400	4,144
Total	1,191	1,792	8,054	11,037	17,874	12,613	8,537	39,024	19,065	14,405	16,591	50,061
1979												
January	83	130	573	786	1,257	1,204	659	3,120	1,340	1,334	1,232	3,906
February	86	119	478	683	1,065	791	524	2,380	1,151	910	1,002	3,063
March	114	164	532	810	1,255	940	655	2,850	1,369	1,104	1,187	3,660
April	96	151	533	780	1,282	959	572	2,813	1,378	1,110	1,105	3,593
May	79	157	565	801	1,580	1,099	678	3,357	1,659	1,256	1,243	4,158
June	113	181	604	898	1,613	1,154	671	3,438	1,726	1,335	1,275	4,336
July	122	151	615	888	1,728	1,123	656	3,507	1,850	1,274	1,271	4,395
August	103	157	716	976	1,830	1,260	791	3,881	1,933	1,417	1,507	4,857
September	129	158	685	972	1,777	1,137	765	3,679	1,906	1,295	1,450	4,651
October	142	217	734	1,093	2,145	1,353	924	4,422	2,287	1,570	1,658	5,515
November	131	163	718	1,012	1,866	1,149	820	3,835	1,997	1,312	1,538	4,847
December	137	172	725	1,034	1,970	1,081	845	3,896	2,107	1,253	1,570	4,930
Total	1,335	1,920	7,478	10,733	19,368	13,250	8,560	41,178	20,703	15,170	16,038	51,911
1980												
January	142	159	718	1,019	2,313	1,390	853	4,556	2,455	1,549	1,571	5,575
February	138	170	610	918	2,011	1,075	686	3,772	2,149	1,245	1,296	4,690
March	143	155	619	917	2,189	1,120	749	4,058	2,332	1,275	1,368	4,975
April	140	173	632	945	2,261	1,104	809	4,174	2,401	1,277	1,441	5,119
May	127	127	677	931	2,404	1,179	926	4,509	2,531	1,306	1,603	5,440
June	140	189	749	1,078	2,637	1,376	970	4,983	2,777	1,565	1,719	6,061
July	135	186	772	1,093	2,745	1,291	1,014	5,050	2,880	1,477	1,786	6,143
August	162	154	846	1,162	2,784	1,383	1,084	5,251	2,946	1,537	1,930	6,413
September	168	207	845	1,220	2,738	1,413	1,055	5,206	2,906	1,620	1,900	6,426
October	150	214	840	1,204	2,996	1,406	1,097	5,499	3,146	1,620	1,937	6,703
November	150	187	830	1,167	2,682	1,217	1,044	4,943	2,832	1,404	1,874	6,110
December	186	173	897	1,256	2,737	1,175	1,015	4,927	2,923	1,348	1,912	6,183
Total	1,781	2,094	9,035	12,910	30,497	15,129	11,302	56,928	32,278	17,223	20,337	69,838
1981												
January	220	205	1,007	1,432	3,521	1,768	1,262	6,551	3,741	1,973	2,269	7,983
February	178	184	802	1,164	2,795	1,188	972	4,955	2,973	1,372	1,774	6,119
March	209	193	907	1,309	3,236	1,304	1,166	5,706	3,445	1,497	2,073	R 7,015
April	183	215	909	1,307	3,213	1,334	1,133	5,680	3,396	1,549	2,042	6,987
May	231	225	934	1,390	3,337	1,430	1,262	6,029	3,568	1,655	2,196	7,419
June	220	208	1,009	1,437	3,465	1,457	1,271	6,193	3,685	1,665	2,280	7,630
July	245	205	1,055	1,505	3,529	1,416	1,308	6,253	3,774	1,621	2,363	7,758
August	236	240	1,130	1,606	3,614	1,552	1,400	6,566	3,850	1,792	2,530	8,172
September	226	241	1,101	1,568	3,465	1,562	1,302	6,329	3,691	1,803	2,403	7,897
October	239	212	1,168	1,619	3,292	1,609	1,342	6,243	3,531	1,821	2,510	7,862
November	225	191	1,104	1,520	3,213	1,371	1,261	5,845	3,438	1,562	2,365	7,365
December	255	214	1,171	1,640	3,496	1,383	1,308	6,187	3,751	1,597	2,479	7,827
Total	2,667	2,533	12,297	17,497	40,176	17,374	14,987	72,537	42,843	19,907	27,284	90,034
1982												
January	249	219	1,174	1,642	3,665	1,733	1,476	6,874	3,914	1,952	2,650	8,516
February	188	174	945	1,307	2,877	1,424	1,152	5,453	3,065	1,598	2,097	6,760
March	269	223	993	1,485	3,595	1,517	1,337	6,449	3,864	1,740	2,330	7,934
April	231	170	946	1,347	3,350	1,376	1,285	6,011	3,581	1,546	2,231	7,358
May	183	181	889	1,253	3,083	1,420	1,140	5,643	R 3,266	1,601	2,029	R 6,896
June	216	190	890	1,296	2,806	1,381	1,156	5,343	3,022	1,571	2,046	6,639
July	178	191	923	1,292	2,935	1,311	1,293	5,539	3,113	1,502	2,216	6,831
August	203	175	934	1,312	3,057	1,379	1,304	5,740	3,260	1,554	2,238	7,052
September	184	163	896	1,243	2,767	1,320	1,213	5,300	2,951	1,483	2,109	6,543
October	205	159	950	1,314	2,821	1,265	1,221	5,307	R 3,026	1,424	2,171	6,621
November	178	163	850	1,191	2,779	1,253	1,235	5,267	2,957	1,416	2,085	6,458
December	186	160	956	1,302	2,937	1,397	1,224	5,558	3,123	1,557	2,180	6,860
Total	2,470	2,168	11,346	15,984	36,672	16,776	15,036	68,484	R 39,142	18,944	26,382	R 84,468

See footnotes at end of table.

Table 5.2 Oil and Gas Wells Drilled, 1973-1992 (Continued)
 (Number of Wells)

	Exploratory				Development				Total			
	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total
1983												
January	197	161	961	1,319	3,339	1,298	1,298	5,935	R 3,536	1,459	2,259	R 7,254
February	172	146	730	1,048	2,423	976	1,073	4,472	R 2,595	1,122	1,803	R 5,520
March	175	148	788	1,111	2,750	946	1,149	4,845	R 2,925	1,094	R 1,937	R 5,956
April	177	132	654	963	2,437	771	981	4,189	2,614	903	1,635	5,152
May	160	152	810	1,122	2,559	833	1,012	4,404	2,719	R 985	1,822	R 5,526
June	165	131	851	1,147	2,790	954	1,098	4,842	R 2,955	R 1,085	1,949	R 5,989
July	179	132	856	1,167	2,964	992	1,188	5,144	3,143	1,124	2,044	R 6,311
August	184	138	914	1,236	3,308	1,225	1,278	5,811	R 3,492	1,363	2,192	R 7,047
September	178	137	931	1,246	3,152	1,153	1,158	5,463	3,330	1,290	2,089	R 6,709
October	202	138	969	1,309	3,213	1,316	1,355	5,884	R 3,415	1,454	2,324	R 7,193
November	170	114	960	1,244	3,208	1,201	1,294	5,703	R 3,378	1,315	2,254	R 6,947
December	154	131	847	1,132	2,943	1,231	1,181	5,355	R 3,097	1,362	2,028	R 6,487
Total	2,113	1,660	10,271	14,044	35,086	12,896	14,065	62,047	R 37,199	R 14,556	R 24,336	R 76,091
1984												
January	229	135	1,023	1,387	3,224	1,259	1,342	5,825	3,453	1,394	R 2,365	R 7,212
February	202	147	832	1,181	3,121	1,161	1,034	5,316	3,323	1,308	R 1,866	R 6,497
March	215	153	762	1,130	3,153	1,011	1,090	5,254	R 3,368	1,164	1,852	6,384
April	153	99	767	1,019	3,025	916	979	4,920	R 3,178	R 1,015	R 1,746	R 5,939
May	218	134	870	1,222	3,394	1,236	1,143	5,773	3,612	1,370	2,013	R 6,995
June	199	136	1,106	1,441	3,577	1,376	1,323	6,276	R 3,776	1,512	R 2,429	R 7,717
July	192	157	1,095	1,444	3,632	1,284	1,260	6,176	3,824	1,441	R 2,355	R 7,620
August	187	126	1,108	1,421	3,585	1,452	1,479	6,516	3,772	R 1,578	R 2,587	R 7,937
September	219	132	956	1,307	3,357	1,306	1,212	5,875	R 3,576	1,438	R 2,168	R 7,182
October	169	145	1,005	1,319	3,448	1,446	1,147	6,041	R 3,617	1,591	R 2,152	R 7,360
November	187	119	948	1,254	3,411	1,542	1,171	6,124	R 3,598	1,661	R 2,119	R 7,378
December	165	116	1,010	1,291	3,323	1,424	1,135	5,882	R 3,488	1,540	R 2,145	R 7,173
Total	2,335	1,599	11,482	15,416	40,250	15,413	14,315	69,978	R 42,585	R 17,012	R 25,797	R 85,394
1985												
January	198	149	948	1,295	2,967	1,246	1,092	5,305	R 3,165	R 1,395	R 2,040	R 6,600
February	171	125	731	1,027	2,534	1,155	824	4,513	R 2,705	1,280	R 1,555	R 5,540
March	205	108	800	1,113	2,936	1,164	1,064	5,164	3,141	1,272	1,864	6,277
April	144	113	788	1,045	2,784	979	1,051	4,814	R 2,928	1,092	R 1,839	R 5,859
May	169	124	740	1,033	2,655	903	969	4,527	2,824	1,027	1,709	R 5,560
June	132	120	748	1,000	2,787	1,048	968	4,803	R 2,919	1,168	R 1,716	R 5,803
July	153	103	815	1,071	2,876	1,126	1,065	5,067	R 3,029	1,229	R 1,880	R 6,138
August	183	102	869	1,154	3,043	1,170	1,086	5,299	R 3,226	1,272	R 1,955	R 6,453
September	134	82	769	985	2,669	1,140	932	4,741	2,803	1,222	R 1,701	R 5,726
October	146	87	787	1,020	2,826	1,209	959	4,994	2,972	1,296	R 1,746	R 6,014
November	106	90	631	827	2,434	900	807	4,141	R 2,540	990	R 1,438	R 4,968
December	138	79	819	1,036	2,631	930	946	4,507	R 2,769	1,009	R 1,765	R 5,543
Total	1,879	1,282	9,445	12,606	33,142	12,970	11,763	57,875	R 35,021	R 14,252	R 21,208	R 70,481
1986												
January	184	110	782	1,076	3,173	953	1,051	5,177	R 3,357	1,063	R 1,833	R 6,253
February	112	74	511	697	2,235	662	709	3,606	R 2,347	736	R 1,220	R 4,303
March	109	64	550	723	2,197	673	756	3,626	R 2,306	737	R 1,306	R 4,349
April	102	65	481	648	1,632	617	619	2,868	R 1,734	R 682	R 1,100	R 3,516
May	73	47	443	563	1,152	461	501	2,114	1,225	508	R 944	R 2,677
June	58	51	343	452	1,005	488	523	2,016	1,063	R 539	R 866	R 2,468
July	70	62	373	505	959	527	539	2,025	1,029	589	R 912	R 2,530
August	53	53	384	490	963	539	560	2,062	1,016	R 592	R 944	R 2,552
September	43	62	347	452	1,020	544	499	2,063	1,063	606	R 846	R 2,515
October	51	46	377	474	1,122	654	499	2,275	R 1,173	R 700	R 876	R 2,749
November	56	53	418	527	1,127	588	482	2,197	R 1,183	R 641	R 900	R 2,724
December	77	46	502	625	1,128	696	517	2,341	R 1,205	R 742	R 1,019	R 2,966
Total	988	733	5,511	7,232	17,713	7,402	7,255	32,370	R 18,701	R 8,135	R 12,766	R 39,602
1987												
January	85	66	456	607	1,206	625	480	2,311	R 1,291	R 691	936	R 2,918
February	58	54	336	448	1,106	568	405	2,079	1,164	R 622	R 741	2,527
March	54	53	380	487	1,029	570	417	2,016	R 1,083	623	797	R 2,503
April	59	53	365	477	1,049	471	499	2,019	R 1,108	R 524	864	R 2,496
May	63	50	373	486	1,176	462	473	2,111	R 1,239	R 512	846	R 2,597
June	67	45	379	491	1,186	498	498	2,182	R 1,253	543	R 877	R 2,673
July	78	50	412	540	1,325	550	576	2,451	R 1,403	600	R 988	R 2,991
August	72	71	447	590	1,495	638	586	2,719	1,567	709	R 1,033	R 3,309
September	86	52	495	633	1,422	653	591	2,666	R 1,508	R 705	R 1,086	R 3,299
October	78	68	543	689	1,533	775	674	2,982	1,611	R 843	R 1,217	R 3,671
November	88	58	476	622	1,473	633	520	2,626	1,561	R 691	R 996	R 3,248
December	71	53	517	641	1,327	641	583	2,551	R 1,398	R 694	R 1,100	R 3,192
Total	859	673	5,179	6,711	15,327	7,084	6,302	28,713	R 16,186	R 7,757	R 11,481	R 35,424

See footnotes at end of table.

Table 5.2 Oil and Gas Wells Drilled, 1973-1992 (Continued)

(Number of Wells)

	Exploratory				Development				Total			
	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total	Oil	Gas	Dry	Total
1988												
January	76	50	401	527	1,257	612	527	2,396	R 1,333	662	R 928	R 2,923
February	70	47	364	481	1,197	603	428	2,228	1,267	R 650	R 792	2,709
March	66	46	377	489	1,246	590	445	2,281	R 1,312	R 636	822	R 2,770
April	89	57	382	528	1,132	480	447	2,059	R 1,221	R 537	R 829	R 2,587
May	55	57	388	500	1,201	507	497	2,205	R 1,256	R 564	R 885	R 2,705
June	72	54	382	508	1,162	573	503	2,238	R 1,234	627	R 885	R 2,746
July	62	62	399	523	998	553	467	2,018	R 1,060	615	R 866	2,541
August	52	51	417	520	1,004	650	468	2,122	1,056	R 701	R 885	R 2,642
September	76	44	369	489	892	758	463	2,113	968	R 802	R 832	R 2,602
October	70	72	478	620	915	753	494	2,162	R 985	825	R 972	2,782
November	49	61	394	504	763	723	360	1,846	R 812	R 784	R 754	2,350
December	55	62	415	532	763	773	377	1,913	818	835	R 792	2,445
Total	792	663	4,766	6,221	12,530	7,575	5,476	25,581	R 13,322	R 8,238	R 10,242	R 31,802
1989												
January	45	66	327	438	781	715	336	1,832	826	781	663	2,270
February	44	52	240	336	561	597	248	1,406	605	649	488	1,742
March	49	44	315	408	657	621	334	1,612	706	665	649	2,020
April	54	54	288	396	836	559	385	1,780	890	613	673	2,176
May	40	46	328	414	853	602	359	1,814	893	648	687	2,228
June	42	52	339	433	796	680	380	1,856	838	732	719	2,289
July	45	53	321	419	832	738	403	1,973	877	791	724	2,392
August	52	59	333	444	941	817	414	2,172	993	876	747	2,616
September	70	56	356	482	787	798	402	1,987	857	854	758	2,469
October	41	44	404	489	912	833	446	2,191	953	877	850	2,680
November	47	65	378	490	906	801	385	2,092	953	866	763	2,582
December	51	63	372	486	897	810	398	2,105	948	873	770	2,591
Total	580	654	4,001	5,235	9,759	8,571	4,490	22,820	10,339	9,225	8,491	28,055
1990												
January	51	54	376	481	959	838	365	2,162	1,010	892	741	2,643
February	35	41	242	318	818	673	313	1,804	853	714	555	2,122
March	43	51	258	352	813	673	328	1,814	856	724	586	2,166
April	51	49	293	393	808	626	315	1,749	859	675	608	2,142
May	45	39	258	342	834	761	380	1,975	879	800	638	2,317
June	57	51	313	421	863	845	397	2,105	920	896	710	2,526
July	56	59	352	467	903	895	393	2,191	959	954	745	2,658
August	69	59	298	426	1,058	959	491	2,508	1,127	1,018	789	2,934
September	50	36	317	403	1,012	948	435	2,395	1,062	984	752	2,798
October	62	60	370	492	1,198	1,018	482	2,698	1,260	1,078	852	3,190
November	45	35	357	437	1,127	761	513	2,401	1,172	796	870	2,838
December	53	51	348	452	1,140	858	420	2,418	1,193	909	768	2,870
Total	617	585	3,782	4,984	11,533	9,855	4,832	26,220	12,150	10,440	8,614	31,204
1991												
January	56	46	247	349	1,166	834	352	2,352	1,222	880	599	2,701
February	47	47	271	365	1,173	681	382	2,236	1,220	728	653	2,601
March	53	32	267	352	1,098	753	379	2,230	1,151	785	646	2,582
April	55	36	279	370	1,063	715	392	2,170	1,118	751	671	2,540
May	39	34	263	336	996	692	387	2,075	1,035	726	650	2,411
June	51	42	251	344	878	727	365	1,970	929	769	616	2,314
July	56	36	301	393	903	775	401	2,079	959	811	702	2,472
August	48	37	309	394	921	755	357	2,033	969	792	666	2,427
September	40	30	255	325	815	716	374	1,905	855	746	629	2,230
October	32	46	286	364	911	766	413	2,090	943	812	699	2,454
November	25	35	302	362	725	571	357	1,653	750	606	659	2,015
December	43	43	272	358	714	717	368	1,799	757	760	640	2,157
Total	545	464	3,303	4,312	11,363	8,702	4,527	24,592	11,908	9,166	7,830	28,904
1992												
January	46	33	218	297	741	587	321	1,649	787	620	539	1,946
February	34	30	167	231	590	564	277	1,431	624	594	444	1,662
March	38	31	205	274	721	481	319	1,521	759	512	524	1,795
April	32	22	233	287	665	420	297	1,382	697	442	530	1,669
May	35	23	225	283	636	469	374	1,479	671	492	599	1,762
June	41	32	209	282	626	484	331	1,441	667	516	540	1,723
July	43	30	256	329	664	543	312	1,519	707	573	568	1,848
August	42	33	241	316	617	599	357	1,573	659	632	598	1,889
September	38	22	222	282	783	660	339	1,782	821	682	561	2,064
October	30	34	205	269	748	949	358	2,055	778	983	563	2,324
November	38	33	165	236	690	890	331	1,911	728	923	496	2,147
December	29	33	225	287	757	973	391	2,121	786	1,006	616	2,408
Total	446	356	2,571	3,373	8,238	7,619	4,007	19,864	8,684	7,975	6,578	23,237

R=Revised data.

Notes: • The data in this table are frequently revised; those shown here correspond to the data in the July 1994 *Monthly Energy Review*. See Notes at end of section. • Service wells, stratigraphic tests, and core tests are

excluded. • Geographic coverage is the 50 States and the District of Columbia.

Source: See end of section.

Oil and Gas Resource Development Notes and Sources

Notes:

Three well types are considered in the *Historical Monthly Energy Review (HMER)* drilling statistics: "completed for oil," "completed for gas," and "dry hole." Wells that productively encounter both crude oil and natural gas are categorized as "completed for oil." Both development wells and exploratory wells (new field wildcats, new pool tests, and extension tests) are included in the statistics. All other classes of wells drilled in connection with the search for producible hydrocarbons are excluded.

Prior to the March 1985 *Monthly Energy Review (MER)*, drilling statistics consisted of completion data for the above types and classes of wells as reported to the American Petroleum Institute (API) during a given month. Due to time lags between the date of well completion and the date of completion reporting to the API, as-reported well completions proved to be an inaccurate indicator of drilling activity. During 1982, for example, as-reported well completions rose, while the number of actual completions fell. Consequently, the drilling statistics published since the March 1985 *MER* are Energy Information Administration-generated (EIA) estimates produced by statistically imputing well counts and footage based on the partial data available from the API.

Estimates for a given month are first published in the *MER* for that month. Revisions of the "oil," "gas," and "dry" components are made in the 6th, 12th, and 24th subsequent months, as newly reported data allow

refinement of the estimates. Unscheduled revisions may also occur when the latest estimate differs by more than 15 percent during the first 5 months, more than 10 percent during the next 6 months, or more than 2 percent thereafter through 5 years. After 5 years, the reported API data are published in lieu of EIA-generated estimates. Additional information about the EIA estimation methodology may be found in "Estimating Well Completions," the feature article published in the March 1985 *MER*.

Sources:

Table 5.1

- **Crews Engaged in Seismic Exploration:** Society of Exploration Geophysicists, Tulsa, Oklahoma, *Monthly Seismic Crew Count*, and annual reports in *Geophysics: The Leading Edge of Exploration*.
- **Rotary Rigs in Operation:** Baker Hughes Inc., Houston, Texas, *Rotary Rigs Running—by State*.
- **Total Footage Drilled:** EIA computations, which are based on well reports submitted to the American Petroleum Institute by the Petroleum Information Corporation, Denver, Colorado.
- **Active Well Servicing Units:** American Association of Oilwell Servicing Contractors, Dallas, Texas, *Well Servicing*.

Table 5.2

- EIA computations, which are based on well reports submitted to the American Petroleum Institute by the Petroleum Information Corporation, Denver, Colorado.

Section 6 Coal



A shield longwall roof support protects miners underground in the southern Illinois coal basin.

Table 6.1 Coal Overview, 1973-1992

(Thousand Short Tons)

	Production	Consumption	Imports ^a	Exports	Stocks ^b
1973					
January	49,901	50,579	2	2,995	124,497
February	46,461	45,565	2	2,674	122,500
March	51,188	45,403	3	3,470	123,689
April	47,580	43,326	4	5,121	124,907
May	52,061	44,000	10	5,231	129,138
June	47,222	45,543	3	5,041	128,315
July	44,235	48,161	2	4,197	120,173
August	56,461	49,255	8	5,220	120,198
September	48,870	45,875	24	3,461	119,113
October	54,996	46,978	39	5,979	121,115
November	50,408	47,213	15	5,261	120,980
December	49,185	50,687	15	4,937	116,865
Total	598,568	562,584	127	53,587	116,865
1974					
January	54,228	50,529	110	2,853	111,077
February	50,511	45,704	167	4,639	109,697
March	51,809	46,338	43	3,219	113,892
April	54,965	43,875	114	5,024	118,765
May	58,251	45,384	92	6,137	123,848
June	48,570	44,734	70	6,412	123,630
July	49,835	48,968	120	5,356	117,994
August	52,428	49,061	490	5,147	115,828
September	53,202	44,340	129	4,930	119,382
October	61,136	46,379	265	7,420	127,864
November	34,312	45,069	329	6,833	120,129
December	40,776	48,020	151	2,691	107,957
Total	610,023	558,402	2,080	60,661	107,957
1975					
January	55,707	50,283	91	4,293	107,808
February	52,343	46,157	150	4,514	107,758
March	53,147	47,632	198	5,685	109,519
April	54,046	44,274	66	6,227	114,968
May	56,456	43,395	96	7,026	122,815
June	56,730	45,408	37	6,335	127,576
July	46,415	48,063	3	4,780	122,132
August	52,295	49,608	129	5,904	121,485
September	56,566	44,581	42	4,631	125,231
October	60,956	45,361	1	4,703	133,479
November	54,531	46,393	38	7,614	139,383
December	55,449	51,486	89	4,597	140,158
Total	654,641	562,640	940	66,309	140,158
1976					
January	53,093	53,399	103	3,711	134,415
February	54,213	47,273	114	3,074	134,202
March	61,443	49,051	40	4,000	138,643
April	59,665	46,850	132	5,846	143,716
May	58,489	47,118	90	5,747	151,205
June	60,290	48,841	192	6,644	155,340
July	44,808	52,054	39	4,927	145,013
August	54,212	52,443	90	4,270	139,168
September	61,149	48,091	65	5,734	144,780
October	59,389	49,756	94	5,913	148,908
November	59,273	52,282	149	5,507	150,240
December	58,889	56,632	95	4,648	148,659
Total	684,913	603,790	1,203	60,021	148,659
1977					
January	45,069	56,880	123	2,180	135,992
February	49,680	50,381	75	3,121	132,799
March	67,260	50,717	31	3,449	141,000
April	61,102	46,766	170	5,655	148,500
May	62,975	49,557	94	5,757	156,469
June	63,574	52,194	92	6,045	164,176
July	50,058	56,462	112	5,222	156,880
August	58,230	55,289	100	4,334	156,888
September	69,981	51,005	175	5,131	165,114
October	68,247	50,640	274	4,931	176,955
November	69,492	51,178	170	4,566	190,204
December	31,537	54,222	231	3,921	171,323
Total	697,205	625,291	1,647	54,312	171,323

See footnotes at end of table.

Table 6.1 Coal Overview, 1973-1992 (Continued)

(Thousand Short Tons)

	Production	Consumption	Imports ^a	Exports	Stocks ^b
1978					
January	23,664	54,313	139	896	137,200
February	24,198	45,488	159	589	112,361
March	40,001	43,288	231	378	103,246
April	61,011	46,284	417	2,615	116,760
May	70,417	49,416	323	4,476	131,451
June	67,111	52,795	291	5,433	144,154
July	54,856	56,200	313	3,576	141,326
August	65,813	58,056	227	3,636	144,881
September	59,190	55,024	196	3,456	148,484
October	71,681	53,003	371	5,055	156,895
November	71,156	53,155	98	6,030	166,971
December	61,066	58,203	188	4,574	166,246
Total	670,164	625,225	2,953	40,714	166,246
1979					
January	57,794	61,199	186	3,607	157,130
February	54,810	54,463	252	2,728	149,758
March	66,775	54,864	123	4,644	154,771
April	63,937	51,601	161	5,271	163,066
May	69,488	54,026	112	6,217	172,018
June	70,698	56,025	209	5,978	176,166
July	53,595	60,397	88	6,300	169,036
August	71,616	R 60,750	320	6,249	173,569
September	64,590	R 54,219	180	5,147	178,809
October	78,563	55,719	152	7,448	190,437
November	68,506	55,997	130	6,173	198,537
December	60,762	61,263	146	6,280	202,472
Total	781,134	680,524	2,059	66,042	202,472
1980					
January	69,594	63,519	121	4,460	201,838
February	65,546	59,678	193	4,041	200,757
March	70,953	58,852	93	5,633	202,160
April	69,658	52,635	63	7,563	211,092
May	71,043	52,834	207	8,597	219,859
June	71,338	56,098	104	8,899	225,451
July	61,285	63,122	32	8,247	213,480
August	68,399	62,752	166	9,270	215,672
September	68,822	57,306	2	8,364	218,846
October	72,290	55,775	139	9,454	226,367
November	68,655	56,799	3	8,986	228,821
December	72,117	63,359	70	8,228	228,407
Total	829,700	R 702,730	1,194	91,742	228,407
1981					
January	65,927	67,580	35	5,795	223,483
February	70,918	59,735	104	6,771	222,273
March	78,266	60,069	77	9,710	232,199
April	36,253	54,649	63	8,271	210,392
May	38,100	55,025	97	6,086	190,883
June	61,555	59,685	138	6,158	180,539
July	74,076	67,394	13	10,763	177,163
August	78,782	65,896	150	11,315	180,358
September	81,720	59,721	69	11,900	188,387
October	85,241	59,161	94	12,360	199,230
November	76,577	58,695	76	11,849	207,042
December	76,360	65,017	127	11,564	209,423
Total	823,775	R 732,627	1,043	112,541	209,423
1982					
January	67,138	68,692	71	6,177	201,029
February	71,169	59,746	30	8,965	203,240
March	83,943	58,236	12	10,423	212,479
April	73,587	53,274	10	10,831	220,747
May	71,127	54,844	109	10,110	229,080
June	71,720	55,949	9	10,680	235,252
July	60,535	63,828	69	9,182	228,255
August	72,898	63,528	131	7,385	229,282
September	67,951	56,734	71	8,683	229,645
October	70,852	55,034	66	9,972	233,826
November	64,055	56,831	87	7,807	234,452
December	63,136	60,214	76	6,064	R 232,038
Total	R 838,112	R 706,911	742	106,277	R 232,038

See footnotes at end of table.

Table 6.1 Coal Overview, 1973-1992 (Continued)

(Thousand Short Tons)

	Production	Consumption	Imports ^a	Exports	Stocks ^b
1983					
January	62,731	63,018	78	4,471	229,713
February	60,654	54,692	71	4,382	230,413
March	68,896	55,434	120	6,291	232,182
April	61,837	52,816	144	6,115	232,567
May	63,209	54,328	102	6,952	235,445
June	61,797	58,237	133	7,279	234,794
July	55,213	69,478	87	6,140	218,145
August	73,291	72,947	115	8,380	211,153
September	70,312	63,316	97	7,525	208,993
October	71,754	60,454	190	8,131	213,975
November	68,684	61,411	32	5,838	213,650
December	63,713	70,540	102	6,269	R 202,584
Total	782,091	R 736,672	1,271	77,772	R 202,584
1984					
January	67,921	R 71,920	81	5,062	196,985
February	73,670	R 62,995	140	4,251	203,771
March	81,524	65,028	55	5,813	208,548
April	72,751	58,945	148	7,688	R 215,025
May	81,073	R 60,165	72	8,221	R 223,263
June	76,402	66,707	49	7,828	R 224,905
July	74,785	R 70,422	193	8,318	R 223,119
August	90,823	R 73,557	147	8,235	230,224
September	78,984	64,133	95	8,710	237,720
October	69,785	R 64,665	104	6,641	R 238,349
November	64,388	64,613	68	4,190	234,702
December	63,815	R 68,146	134	6,526	231,300
Total	895,921	R 791,296	1,286	81,483	231,300
1985					
January	68,261	74,849	126	5,817	218,131
February	67,233	65,777	101	6,030	212,035
March	77,744	64,857	103	6,696	214,825
April	76,541	61,753	203	7,065	220,230
May	78,382	64,797	159	9,231	222,798
June	73,237	66,978	138	7,913	223,210
July	69,228	74,162	177	7,314	213,601
August	79,622	73,102	264	10,422	209,555
September	73,977	66,673	182	8,095	208,827
October	80,158	65,033	128	8,744	212,920
November	69,268	64,866	111	8,134	210,656
December	69,989	75,201	260	7,220	203,367
Total	883,638	818,049	1,952	92,680	203,367
1986					
January	78,106	R 75,873	154	5,935	200,074
February	72,489	R 65,823	209	5,158	200,159
March	77,379	R 64,538	122	6,152	204,422
April	74,680	58,921	214	8,302	211,500
May	72,907	61,559	172	8,545	215,508
June	72,413	68,193	190	7,323	214,166
July	67,597	76,787	178	7,780	199,556
August	76,293	70,590	171	7,718	197,412
September	74,791	65,293	188	8,189	198,689
October	79,891	63,179	110	7,205	203,538
November	70,189	63,682	319	6,676	206,834
December	73,580	69,792	185	6,536	207,319
Total	890,315	R 804,231	2,212	85,518	207,319
1987					
January	74,681	72,648	134	5,471	203,432
February	71,662	63,091	85	4,643	205,551
March	75,857	63,784	111	6,462	209,733
April	71,044	61,472	229	6,229	212,699
May	70,707	65,950	135	6,557	212,788
June	77,072	72,204	118	7,328	209,976
July	69,774	80,479	120	6,611	195,431
August	80,707	79,935	191	7,758	189,919
September	82,477	68,984	164	6,665	194,373
October	85,992	67,299	86	6,633	203,544
November	79,242	66,634	263	7,210	211,067
December	79,549	74,462	109	8,042	213,780
Total	918,762	836,941	1,747	79,607	213,780

See footnotes at end of table.

Table 6.1 Coal Overview, 1973-1992 (Continued)

(Thousand Short Tons)

	Production	Consumption	Imports ^a	Exports	Stocks ^b
1988					
January	75,585	78,967	159	4,434	208,697
February	77,054	72,166	162	4,482	207,712
March	84,251	69,654	221	7,145	212,044
April	75,623	R 64,152	107	8,943	214,768
May	74,284	R 66,507	224	7,905	214,923
June	76,738	R 75,076	257	8,053	209,386
July	69,451	81,994	203	8,303	194,636
August	88,576	R 85,301	205	9,322	186,020
September	83,596	R 71,377	29	10,066	185,691
October	81,241	R 70,248	229	9,010	189,812
November	83,284	R 70,008	207	8,338	192,518
December	80,584	R 78,191	131	9,023	188,831
Total	950,265	R 883,642	2,134	95,023	188,831
1989					
January	82,331	77,511	66	6,306	185,952
February	75,414	73,273	131	6,748	181,866
March	89,421	72,701	334	8,375	184,630
April	77,456	66,306	158	9,104	188,578
May	82,776	68,391	312	9,685	193,282
June	78,795	73,327	218	9,657	189,507
July	66,601	79,558	375	6,209	175,341
August	91,349	80,112	247	8,122	174,372
September	85,115	72,356	303	9,661	176,013
October	89,873	71,140	160	9,293	182,271
November	87,236	71,598	245	9,768	186,815
December	74,363	83,425	303	7,888	175,087
Total	980,729	889,699	2,851	100,815	175,087
1990					
January	90,561	77,143	175	7,447	179,459
February	82,021	68,461	268	6,243	186,448
March	91,602	71,410	292	8,693	195,842
April	83,167	67,721	182	8,590	203,424
May	86,519	68,992	144	9,827	210,094
June	84,592	74,953	348	9,316	209,956
July	79,798	81,280	200	9,194	200,970
August	91,842	82,954	120	10,065	197,284
September	83,120	76,587	194	10,238	195,298
October	93,424	74,966	284	8,756	201,683
November	86,763	71,727	224	9,621	206,348
December	75,666	79,285	268	7,813	201,629
Total	1,029,076	895,480	2,699	105,804	201,629
1991					
January	86,261	81,738	263	6,214	199,927
February	83,036	68,282	429	8,127	206,312
March	85,450	69,188	246	7,977	213,647
April	79,633	64,184	198	6,917	218,443
May	80,190	69,981	248	10,018	219,221
June	77,182	74,592	284	9,278	214,716
July	80,151	81,221	348	10,099	204,378
August	89,321	81,196	248	10,541	199,237
September	81,966	73,676	387	10,557	197,488
October	90,821	72,018	214	9,244	202,136
November	82,194	74,239	298	10,602	201,670
December	79,779	77,305	225	9,393	200,682
Total	995,984	887,621	3,390	108,969	200,682
1992					
January	87,948	78,162	272	8,590	200,325
February	82,139	69,837	213	7,759	204,716
March	85,869	72,595	193	8,383	208,485
April	82,449	67,802	239	8,616	211,429
May	80,250	69,430	339	9,483	214,714
June	80,036	72,804	466	8,911	213,783
July	80,862	83,074	362	9,572	202,271
August	84,537	79,736	197	7,605	198,710
September	83,657	74,888	323	9,304	197,076
October	86,364	72,405	471	7,443	200,971
November	80,335	72,329	377	8,718	201,683
December	83,100	79,359	351	8,134	197,685
Total	997,545	892,421	3,803	102,516	197,685

^a Includes Puerto Rico.

^b Stocks held by electric utilities, coke plants, general industry, and coal producers and distributors at end of period. Excludes stocks held at retail dealers for consumption by the residential and commercial sector.

R=Revised data.

Notes: • For methodology used to calculate production, consumption, and stocks, see Notes 1, 2, and 3 at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 6.2 Coal Consumption by End-Use Sector, 1973-1992

(Thousand Short Tons)

	Residential and Commercial	Industrial		Electric Utilities	Total
		Coke Plants	Other Industrial Including Transportation		
1973					
January	1,408	7,865	6,749	34,557	50,579
February	1,206	7,220	6,242	30,897	45,565
March	947	7,992	5,739	30,725	45,403
April	620	7,763	5,773	29,170	43,326
May	629	8,086	5,656	29,629	44,000
June	631	7,815	5,195	31,902	45,543
July	623	8,000	4,717	34,821	48,161
August	673	7,932	4,605	36,045	49,255
September	907	7,639	4,536	32,793	45,875
October	1,057	7,921	5,557	32,443	46,978
November	1,170	7,779	6,131	32,133	47,213
December	1,246	8,089	7,254	34,098	50,687
Total	11,117	94,101	68,154	389,212	562,584
1974					
January	1,534	8,018	6,430	34,547	50,529
February	1,309	7,343	6,237	30,815	45,704
March	1,049	7,699	5,996	31,594	46,338
April	725	7,807	5,696	29,647	43,875
May	625	7,941	5,142	31,676	45,384
June	597	7,716	4,721	31,700	44,734
July	555	7,804	4,520	36,089	48,968
August	784	7,757	4,989	35,531	49,061
September	959	7,568	4,855	30,958	44,340
October	1,054	7,747	5,544	32,034	46,379
November	1,041	6,616	5,292	32,120	45,069
December	1,185	6,175	5,561	35,099	48,020
Total	11,417	90,191	64,983	391,811	558,402
1975					
January	1,312	7,333	5,805	35,833	50,283
February	857	^R 7,060	^R 6,149	32,091	46,157
March	833	^R 7,911	^R 6,099	32,789	47,632
April	553	7,454	5,724	30,543	44,274
May	443	^R 7,307	^R 5,074	30,571	43,395
June	485	7,022	4,450	33,451	45,408
July	594	^R 6,664	^R 4,245	36,560	48,063
August	554	6,590	4,502	37,962	49,608
September	758	6,313	4,907	32,603	44,581
October	865	6,688	4,960	32,848	45,361
November	908	6,512	5,646	33,327	46,393
December	1,248	6,744	6,109	37,385	51,486
Total	9,410	83,598	63,670	405,962	562,640
1976					
January	1,144	6,760	5,514	39,981	53,399
February	709	6,633	4,972	34,959	47,273
March	649	7,296	5,013	36,093	49,051
April	748	^R 7,111	^R 5,190	33,801	46,850
May	584	7,427	5,167	33,940	47,118
June	523	7,186	4,756	36,376	48,841
July	402	7,300	4,517	39,835	52,054
August	535	7,070	4,514	40,324	52,443
September	598	6,940	4,663	35,890	48,091
October	771	7,072	5,139	36,774	49,756
November	903	6,934	5,615	38,830	52,282
December	1,350	6,975	6,739	41,568	56,632
Total	8,916	84,704	61,799	448,371	603,790
1977					
January	1,230	6,422	5,978	43,250	56,880
February	826	6,273	5,622	37,660	50,381
March	727	7,076	5,676	37,238	50,717
April	751	6,827	5,149	34,039	46,766
May	585	7,024	4,797	37,151	49,557
June	606	6,841	^R 4,608	40,139	52,194
July	456	6,706	4,338	44,962	56,462
August	566	6,180	^R 4,385	44,158	55,289
September	534	5,886	4,430	40,155	51,005
October	686	6,346	5,241	38,367	50,640
November	917	6,061	5,491	38,709	51,178
December	1,070	6,097	5,757	41,298	54,222
Total	8,954	77,739	61,472	477,126	625,291

See footnotes at end of table.

Table 6.2 Coal Consumption by End-Use Sector, 1973-1992 (Continued)

(Thousand Short Tons)

	Residential and Commercial	Industrial		Electric Utilities	Total
		Coke Plants	Other Industrial Including Transportation		
1978					
January	1,024	5,425	5,155	42,709	54,313
February	1,051	4,182	4,422	35,833	45,488
March	818	4,014	4,451	34,005	43,288
April	692	5,529	5,445	34,618	46,284
May	624	6,424	5,169	37,199	49,416
June	604	6,399	4,998	40,794	52,795
July	547	6,552	4,983	44,118	56,200
August	558	6,460	4,998	46,040	58,056
September	638	6,417	5,323	42,646	55,024
October	921	6,706	5,523	39,853	53,003
November	979	6,523	5,902	39,751	53,155
December	1,055	6,763	6,716	43,669	58,203
Total	9,511	71,394	63,085	481,235	625,225
1979					
January	1,291	6,578	6,428	46,902	61,199
February	782	5,954	5,836	41,891	54,463
March	616	6,850	5,617	41,781	54,864
April	553	6,558	5,511	38,979	51,601
May	500	6,725	5,269	41,532	54,026
June	513	6,470	5,034	44,008	56,025
July	445	6,513	5,223	48,216	60,397
August	421	6,417	5,363	48,549	R 60,750
September	559	6,334	5,159	42,167	R 54,219
October	780	6,404	5,565	42,970	55,719
November	933	6,138	5,946	42,980	55,997
December	995	6,427	6,766	47,075	61,263
Total	8,388	77,368	67,717	527,051	680,524
1980					
January	864	6,339	5,944	50,371	63,519
February	756	6,010	5,400	47,512	59,678
March	539	6,429	5,199	46,685	58,852
April	578	6,247	5,118	40,692	52,635
May	349	6,127	4,894	41,464	52,834
June	276	5,326	4,675	45,821	56,098
July	342	4,903	4,222	53,655	63,122
August	323	4,878	4,337	53,214	62,752
September	429	4,794	4,170	47,913	57,306
October	585	5,107	4,990	45,092	55,775
November	619	5,152	5,331	45,698	56,799
December	792	5,343	6,067	51,157	63,359
Total	6,452	66,657	60,347	569,274	R 702,730
1981					
January	895	5,465	6,532	54,688	67,580
February	712	5,177	5,932	47,914	59,735
March	474	5,532	5,665	48,398	60,069
April	562	4,862	5,548	43,677	54,649
May	470	4,259	5,297	44,999	55,025
June	300	4,460	4,845	50,080	59,685
July	430	5,449	5,371	56,144	67,394
August	459	5,434	5,520	54,483	65,896
September	587	5,340	5,312	48,483	59,721
October	626	5,158	5,577	47,800	59,161
November	851	5,037	5,793	47,014	58,695
December	1,056	4,842	6,003	53,116	65,017
Total	R 7,421	R 61,014	67,395	596,797	R 732,627
1982					
January	993	4,444	6,430	56,825	68,692
February	693	4,340	5,835	48,878	59,746
March	563	4,173	5,616	47,884	58,236
April	703	3,708	5,373	43,490	53,274
May	467	3,622	5,133	45,622	54,844
June	363	3,481	4,681	47,424	55,949
July	628	3,121	4,831	55,248	63,828
August	670	3,058	4,962	54,838	63,528
September	637	2,924	4,759	48,414	56,734
October	660	2,757	5,287	46,330	55,034
November	845	2,693	5,494	47,799	56,831
December	1,018	2,587	5,695	50,914	60,214
Total	8,240	40,908	R 64,097	593,666	R 706,911

See footnotes at end of table.

Table 6.2 Coal Consumption by End-Use Sector, 1973-1992 (Continued)

(Thousand Short Tons)

	Residential and Commercial	Industrial		Electric Utilities	Total
		Coke Plants	Other Industrial Including Transportation		
1983					
January	884	2,813	5,970	53,351	63,018
February	773	2,742	5,405	45,772	54,692
March	551	2,567	5,206	47,110	55,434
April	767	3,206	5,254	43,589	52,816
May	463	3,151	5,023	45,691	54,328
June	367	2,734	4,798	50,338	58,237
July	599	3,269	5,220	60,390	69,478
August	566	3,252	5,362	63,767	72,947
September	752	3,196	5,156	54,212	63,316
October	799	3,307	5,659	50,689	60,454
November	845	3,335	6,046	51,185	61,411
December	1,082	3,461	6,880	59,117	70,540
Total	8,448	37,033	R 65,980	625,211	R 736,672
1984					
January	R 1,046	3,791	6,858	60,225	R 71,920
February	915	3,592	6,230	52,257	R 62,995
March	652	3,843	5,999	54,534	65,028
April	928	4,180	6,273	47,565	58,945
May	560	4,100	5,997	49,507	R 60,165
June	443	3,564	5,729	56,971	66,707
July	R 695	3,639	5,730	60,359	R 70,422
August	656	3,620	5,886	63,396	R 73,557
September	872	3,557	5,659	54,045	64,133
October	R 693	R 3,318	5,902	54,753	R 64,665
November	733	3,346	6,305	54,229	64,613
December	938	3,473	R 7,175	56,560	R 68,146
Total	R 9,130	44,022	R 73,745	664,399	R 791,296
1985					
January	830	3,463	6,911	63,645	74,849
February	726	3,282	6,278	55,491	65,777
March	518	3,511	6,046	54,784	64,857
April	764	3,851	6,236	50,903	61,753
May	461	3,778	5,962	54,595	64,797
June	365	3,284	5,696	57,634	66,978
July	523	3,437	5,950	64,252	74,162
August	494	3,420	6,112	63,076	73,102
September	656	3,361	5,877	56,780	66,673
October	716	3,165	6,183	54,969	65,033
November	758	3,192	6,605	54,311	64,866
December	969	3,313	7,517	63,402	75,201
Total	7,779	41,056	75,372	693,841	818,049
1986					
January	893	R 3,503	7,443	64,034	R 75,873
February	781	R 3,230	6,761	55,050	R 65,823
March	557	R 3,572	6,511	53,898	R 64,538
April	805	3,602	6,401	48,114	58,921
May	486	3,533	6,120	51,420	61,559
June	384	3,071	5,846	58,892	68,193
July	470	2,591	5,705	68,021	76,787
August	444	2,578	5,860	61,709	70,590
September	589	2,534	5,634	56,536	65,293
October	662	2,523	5,878	54,116	63,179
November	701	2,545	6,279	54,158	63,682
December	896	2,641	7,146	59,108	69,792
Total	7,667	R 35,924	75,583	685,056	R 804,231
1987					
January	724	2,645	6,865	62,414	72,648
February	634	2,506	6,236	53,715	63,091
March	452	2,681	6,005	54,647	63,784
April	603	3,298	6,137	51,435	61,472
May	364	3,235	5,868	56,484	65,950
June	288	2,812	5,605	63,500	72,204
July	504	3,265	5,973	70,736	80,479
August	476	3,249	6,135	70,075	79,935
September	633	3,193	5,899	59,259	68,984
October	656	3,297	6,228	57,117	67,299
November	694	3,326	6,653	55,961	66,634
December	888	3,452	7,572	62,551	74,462
Total	6,914	36,957	75,175	717,894	836,941

See footnotes at end of table.

Table 6.2 Coal Consumption by End-Use Sector, 1973-1992 (Continued)

(Thousand Short Tons)

	Residential and Commercial	Industrial		Electric Utilities	Total
		Coke Plants	Other Industrial Including Transportation		
1988					
January	826	3,465	6,826	67,850	78,967
February	678	3,297	6,789	61,401	72,166
March	500	3,595	6,801	58,758	69,654
April	608	R 3,504	5,904	54,135	R 64,152
May	358	R 3,682	5,937	56,529	R 66,507
June	440	R 3,349	5,944	65,343	R 75,076
July	679	3,605	5,962	71,749	81,994
August	658	3,418	5,972	75,253	R 85,301
September	388	R 3,460	5,989	61,540	R 71,377
October	446	R 3,547	6,694	59,561	R 70,248
November	594	R 3,400	6,710	59,305	R 70,008
December	955	R 3,565	6,724	66,948	R 78,191
Total	7,130	R 41,888	76,252	758,372	R 883,642
1989					
January	632	3,441	6,671	66,767	77,511
February	693	3,178	6,619	62,784	73,273
March	512	3,589	6,595	62,005	72,701
April	511	3,564	6,088	56,144	66,306
May	336	3,478	6,050	58,527	68,391
June	296	3,323	6,073	63,635	73,327
July	496	3,467	5,875	69,720	79,558
August	449	3,279	5,891	70,493	80,112
September	318	3,263	5,865	62,910	72,356
October	210	3,539	6,829	60,561	71,140
November	530	3,246	6,815	61,006	71,598
December	1,184	3,141	6,764	72,336	83,425
Total	6,167	40,508	76,134	766,888	889,699
1990					
January	713	3,456	6,533	66,441	77,143
February	656	3,117	6,576	58,112	68,461
March	551	3,471	6,504	60,885	71,410
April	532	3,227	6,025	57,937	67,721
May	360	3,365	6,007	59,260	68,992
June	373	3,203	6,037	65,340	74,953
July	535	3,119	6,075	71,551	81,280
August	498	3,236	6,113	73,106	82,954
September	409	3,120	6,056	67,001	76,587
October	413	3,319	6,853	64,381	74,966
November	624	3,223	6,838	61,041	71,727
December	1,059	3,020	6,713	68,493	79,285
Total	6,724	38,877	76,330	773,549	895,480
1991					
January	862	2,928	6,541	71,406	81,738
February	605	2,479	6,584	58,614	68,282
March	541	2,883	6,492	59,272	69,188
April	403	2,675	5,663	55,443	64,184
May	330	2,710	5,713	61,228	69,981
June	322	2,690	5,763	65,817	74,592
July	427	2,929	6,014	71,852	81,221
August	386	2,916	6,011	71,884	81,196
September	319	2,932	6,026	64,397	73,676
October	353	2,902	6,880	61,883	72,018
November	677	2,896	6,852	63,814	74,239
December	868	2,913	6,865	66,659	77,305
Total	6,094	33,854	75,405	772,268	887,621
1992					
January	735	2,783	6,379	68,264	78,162
February	582	2,656	6,416	60,183	69,837
March	526	2,901	6,464	62,705	72,595
April	532	2,723	5,754	58,794	67,802
May	321	2,757	5,762	60,591	69,430
June	296	2,617	5,769	64,122	72,804
July	474	2,802	5,983	73,815	83,074
August	393	2,773	5,933	70,637	79,736
September	368	2,625	5,927	65,967	74,888
October	367	2,586	6,645	62,806	72,405
November	642	2,562	6,513	62,612	72,329
December	916	2,581	6,497	69,365	79,359
Total	6,153	32,366	74,042	779,860	892,421

R=Revised data.

Notes: • For sector-specific reporting and estimating information, see Note 2 at end of section. • Totals may not equal sum of components due to

independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 6.3 Coal Stocks, End of Period, 1973-1992

(Thousand Short Tons)

	Consumer				Producers and Distributors	Total ^a
	Coke Plants	Other Industrial	Electric Utilities	Total ^a		
1973						
January	8,568	7,808	94,744	111,120	13,377	124,497
February	8,435	8,041	92,724	109,200	13,300	122,500
March	8,480	8,274	93,712	110,466	13,223	123,689
April	8,540	8,507	94,714	111,761	13,146	124,907
May	8,869	8,740	98,460	116,069	13,069	129,138
June	8,594	8,973	97,756	115,323	12,992	128,315
July	6,112	9,206	91,940	107,258	12,915	120,173
August	6,549	9,439	91,372	107,360	12,838	120,198
September	6,636	9,672	90,044	106,352	12,761	119,113
October	7,169	9,905	91,357	108,431	12,684	121,115
November	7,268	10,138	90,967	108,373	12,607	120,980
December	6,998	10,370	86,967	104,335	12,530	116,865
1974						
January	6,354	10,057	82,214	98,625	12,452	111,077
February	6,180	9,745	81,394	97,319	12,378	109,697
March	6,325	9,431	85,832	101,588	12,304	113,892
April	6,727	9,117	90,691	106,535	12,230	118,765
May	7,597	8,803	95,292	111,692	12,156	123,848
June	7,473	8,489	95,586	111,548	12,082	123,630
July	6,584	8,175	91,227	105,986	12,008	117,994
August	6,839	7,861	89,194	103,894	11,934	115,828
September	7,266	7,547	92,709	107,522	11,860	119,382
October	8,509	7,233	100,336	116,078	11,786	127,864
November	7,419	6,919	94,079	108,417	11,712	120,129
December	6,209	6,605	83,509	96,323	11,634	107,957
1975						
January	7,311	6,765	82,059	96,135	11,673	107,808
February	8,175	6,925	80,945	96,045	11,713	107,758
March	8,824	7,086	81,857	97,767	11,752	109,519
April	9,125	7,246	86,805	103,176	11,792	114,968
May	9,738	7,406	93,840	110,984	11,831	122,815
June	10,140	7,567	97,998	115,705	11,871	127,576
July	8,251	7,727	94,244	110,222	11,910	122,132
August	7,467	7,888	94,180	109,535	11,950	121,485
September	7,131	8,048	98,063	113,242	11,989	125,231
October	7,858	8,208	105,384	121,450	12,029	133,479
November	8,601	8,368	110,346	127,315	12,068	139,383
December	8,797	8,529	110,724	128,050	12,108	140,158
1976						
January	8,229	8,409	105,494	122,132	12,283	134,415
February	8,603	8,290	104,850	121,743	12,459	134,202
March	9,411	8,171	108,426	126,008	12,635	138,643
April	10,015	8,052	112,838	130,905	12,811	143,716
May	10,697	7,933	119,588	138,218	12,987	151,205
June	11,338	7,814	123,025	142,177	13,163	155,340
July	8,798	7,695	115,181	131,674	13,339	145,013
August	7,349	7,576	110,728	125,653	13,515	139,168
September	8,257	7,457	115,375	131,089	13,691	144,780
October	9,138	7,338	118,565	135,041	13,867	148,908
November	9,712	7,219	119,266	136,197	14,043	150,240
December	9,902	7,100	117,436	134,438	14,221	148,659
1977						
January	8,190	7,430	106,151	121,771	14,221	135,992
February	7,543	7,760	103,275	118,578	14,221	132,799
March	9,100	8,090	109,589	126,779	14,221	141,000
April	9,970	8,421	115,888	134,279	14,221	148,500
May	10,694	8,751	122,803	142,248	14,221	156,469
June	12,109	9,081	128,763	149,953	14,223	164,176
July	9,894	9,411	123,352	142,657	14,223	156,880
August	9,125	9,742	123,798	142,665	14,223	156,888
September	10,506	10,072	130,313	150,891	14,223	165,114
October	12,696	10,402	139,634	162,732	14,223	176,955
November	15,593	10,732	149,656	175,981	14,223	190,204
December	12,816	11,063	133,219	157,098	14,225	171,323

See footnotes at end of table.

Table 6.3 Coal Stocks, End of Period, 1973-1992 (Continued)

(Thousand Short Tons)

	Consumer				Producers and Distributors	Total ^a
	Coke Plants	Other Industrial	Electric Utilities	Total ^a		
1978						
January	8,202	8,985	105,248	122,435	14,765	137,200
February	5,144	7,358	84,555	97,057	15,304	112,361
March	3,817	6,570	77,016	87,403	15,843	103,246
April	5,667	6,731	87,980	100,378	16,382	116,760
May	7,207	6,695	100,628	114,530	16,921	131,451
June	8,378	7,564	110,752	126,694	17,460	144,154
July	6,701	6,927	109,699	123,327	17,999	141,326
August	6,406	7,671	112,266	126,343	18,538	144,881
September	6,327	7,918	115,162	129,407	19,077	148,484
October	7,413	8,269	121,597	137,279	19,616	156,895
November	8,633	8,804	129,379	146,816	20,155	166,971
December	8,278	9,048	128,225	145,551	20,695	166,246
1979						
January	7,647	8,830	119,948	136,425	20,705	157,130
February	6,763	7,885	114,394	129,042	20,716	149,758
March	7,561	7,941	118,542	134,044	20,727	154,771
April	8,482	8,070	125,776	142,328	20,738	163,066
May	9,228	8,248	133,793	151,269	20,749	172,018
June	10,051	8,728	136,627	155,406	20,760	176,166
July	8,306	8,864	131,095	148,265	20,771	169,036
August	9,021	9,509	134,257	152,787	20,782	173,569
September	9,036	9,851	139,129	158,016	20,793	178,809
October	9,724	9,960	149,949	169,633	20,804	190,437
November	9,983	10,002	157,737	177,722	20,815	198,537
December	10,155	11,777	159,714	181,646	20,826	202,472
1980						
January	9,634	11,099	158,717	179,450	22,388	201,838
February	9,263	10,421	157,124	176,808	23,949	200,757
March	9,317	9,707	157,625	176,649	25,511	202,160
April	9,579	9,971	165,817	185,367	25,725	211,092
May	9,692	10,199	174,029	193,920	25,939	219,859
June	9,913	10,427	178,959	199,299	26,152	225,451
July	8,427	10,680	168,806	187,913	25,567	213,480
August	7,866	10,932	171,891	190,689	24,983	215,672
September	8,213	11,167	175,067	194,447	24,399	218,846
October	8,488	11,442	182,045	201,975	24,392	226,367
November	8,606	11,697	184,133	204,436	24,385	228,821
December	9,067	11,951	183,010	204,028	24,379	228,407
1981						
January	9,634	11,994	176,975	198,603	24,880	223,483
February	10,211	12,036	175,715	197,962	24,311	222,273
March	10,788	12,569	183,983	207,340	24,859	232,199
April	6,952	10,970	169,221	187,143	23,249	210,392
May	4,850	9,861	153,415	168,126	22,757	190,883
June	4,500	9,254	144,520	158,274	22,265	180,539
July	5,074	9,225	140,124	154,423	22,740	177,163
August	5,648	9,175	142,318	157,141	23,217	180,358
September	6,163	9,281	149,526	164,970	23,417	188,387
October	6,308	9,400	159,676	175,384	23,846	199,230
November	6,392	9,650	167,002	183,044	23,998	207,042
December	6,475	9,906	168,893	185,274	24,149	209,423
1982						
January	6,207	9,255	158,469	173,931	27,098	201,029
February	5,909	9,148	158,136	173,193	30,047	203,240
March	5,612	9,354	164,518	179,484	32,995	212,479
April	5,931	9,137	171,390	186,458	34,289	220,747
May	6,231	9,234	177,461	192,926	36,154	229,080
June	6,532	9,331	182,513	198,376	36,876	235,252
July	6,166	9,328	174,503	189,997	38,258	228,255
August	5,800	9,316	175,194	190,310	38,972	229,282
September	5,434	9,308	175,225	189,967	39,678	229,645
October	5,171	9,365	180,571	195,107	38,719	233,826
November	4,908	9,424	182,368	196,700	37,752	234,452
December	4,642	9,479	181,132	^R 195,254	36,784	^R 232,038

See footnotes at end of table.

Table 6.3 Coal Stocks, End of Period, 1973-1992 (Continued)

(Thousand Short Tons)

	Consumer				Producers and Distributors	Total ^a
	Coke Plants	Other Industrial	Electric Utilities	Total ^a		
1983						
January	4,338	8,960	178,604	191,902	37,811	229,713
February	4,034	8,439	179,101	191,574	38,839	230,413
March	3,728	7,916	180,671	192,315	39,867	232,182
April	4,089	7,942	181,371	193,402	39,165	232,567
May	4,450	7,965	184,567	196,982	38,463	235,445
June	4,812	7,985	184,236	197,033	37,761	234,794
July	4,489	8,167	168,566	181,222	36,923	218,145
August	4,165	8,345	162,557	175,067	36,086	211,153
September	3,842	8,518	161,384	173,744	35,249	208,993
October	4,010	8,582	166,574	179,166	34,809	213,975
November	4,178	8,645	166,457	179,280	34,370	213,650
December	4,346	8,710	155,598	168,654	33,931	R 202,584
1984						
January	4,947	8,593	149,403	162,943	34,042	196,985
February	5,548	8,476	155,593	169,617	34,154	203,771
March	6,149	8,359	159,775	174,283	34,265	208,548
April	R 7,172	9,137	165,592	R 181,901	R 33,124	R 215,025
May	R 8,195	9,915	173,171	R 191,281	31,982	R 223,263
June	9,217	10,693	174,155	194,065	30,841	R 224,905
July	R 9,659	11,904	171,095	R 192,658	30,461	R 223,119
August	R 10,100	R 13,115	176,928	200,143	30,081	230,224
September	10,541	14,327	183,151	208,019	29,701	237,720
October	9,083	13,324	184,779	R 207,185	31,164	R 238,349
November	7,625	12,320	182,130	202,075	32,627	234,702
December	6,166	11,317	179,727	R 197,211	34,090	231,300
1985						
January	5,583	10,439	167,592	183,614	34,517	218,131
February	4,999	9,561	162,531	177,091	34,944	212,035
March	4,415	8,684	166,355	179,454	35,371	214,825
April	4,472	8,749	171,695	184,917	35,313	220,230
May	4,529	8,815	174,198	187,542	35,255	222,798
June	4,587	8,881	174,545	188,013	35,197	223,210
July	4,171	9,184	165,903	179,258	34,342	213,601
August	3,754	9,488	162,825	176,068	33,487	209,555
September	3,338	9,791	163,065	176,195	32,632	208,827
October	3,365	10,007	166,749	180,121	32,799	212,920
November	3,393	10,222	164,075	177,690	32,966	210,656
December	3,420	10,438	156,376	170,234	33,133	203,367
1986						
January	3,302	9,930	152,078	165,311	34,763	200,074
February	3,185	9,423	151,157	163,765	36,394	200,159
March	3,067	8,916	154,415	166,398	38,024	204,422
April	3,224	9,135	161,076	173,434	38,065	211,500
May	3,380	9,353	164,667	177,401	38,107	215,508
June	3,537	9,572	162,909	176,018	38,148	214,166
July	3,313	9,740	149,803	162,856	36,700	199,556
August	3,090	9,908	149,163	162,161	35,252	197,412
September	2,866	10,074	151,945	164,885	33,804	198,689
October	2,908	10,195	157,202	170,305	33,233	203,538
November	2,950	10,314	160,908	174,171	32,663	206,834
December	2,992	10,429	161,806	175,226	32,093	207,319
1987						
January	2,886	9,903	157,061	169,850	33,582	203,432
February	2,780	9,377	158,322	170,479	35,071	205,551
March	2,675	8,850	161,648	173,173	36,560	209,733
April	3,028	8,881	165,103	177,012	35,686	212,699
May	3,382	8,911	165,683	177,976	34,813	212,788
June	3,735	8,941	163,361	176,037	33,939	209,976
July	3,603	9,393	150,217	163,213	32,217	195,431
August	3,472	9,845	146,106	159,422	30,496	189,919
September	3,340	10,297	151,961	165,598	28,775	194,373
October	3,521	10,457	160,942	174,920	28,624	203,544
November	3,703	10,617	168,274	182,594	28,472	211,067
December	3,884	10,777	170,797	185,459	28,321	213,780

See footnotes at end of table.

Table 6.3 Coal Stocks, End of Period, 1973-1992 (Continued)

(Thousand Short Tons)

	Consumer				Producers and Distributors	Total ^a
	Coke Plants	Other Industrial	Electric Utilities	Total ^a		
1988						
January	3,942	10,058	163,561	177,561	31,135	208,697
February	4,000	9,339	160,424	173,762	33,950	207,712
March	4,057	8,619	162,603	175,279	36,764	212,044
April	3,959	8,523	165,750	178,232	36,536	214,768
May	3,861	8,427	166,328	178,616	36,307	214,923
June	3,763	8,331	161,215	173,308	36,079	209,386
July	3,467	8,428	148,234	160,130	34,506	194,636
August	3,172	8,526	141,389	153,087	32,933	186,020
September	2,877	8,624	142,830	154,331	31,360	185,691
October	2,964	8,672	147,130	158,766	31,046	189,812
November	3,051	8,720	150,016	161,786	30,732	192,518
December	3,137	8,768	146,507	158,413	30,418	188,831
1989						
January	3,264	8,073	142,538	153,876	32,076	185,952
February	3,391	7,378	137,363	148,132	33,734	181,866
March	3,518	6,683	139,036	149,238	35,392	184,630
April	3,466	6,679	144,674	154,819	33,759	188,578
May	3,413	6,675	151,067	161,155	32,127	193,282
June	3,361	6,671	148,981	159,013	30,494	189,507
July	3,476	7,054	134,865	145,395	29,946	175,341
August	3,591	7,436	133,948	144,975	29,397	174,372
September	3,707	7,818	135,640	147,165	28,848	176,013
October	3,426	7,666	142,280	153,372	28,899	182,271
November	3,145	7,515	147,207	157,866	28,949	186,815
December	2,864	7,363	135,860	146,087	29,000	175,087
1990						
January	3,123	7,237	138,067	148,426	31,033	179,459
February	3,382	7,110	142,890	153,382	33,066	186,448
March	3,641	6,984	150,118	160,743	35,099	195,842
April	3,674	7,127	156,925	167,726	35,698	203,424
May	3,706	7,270	162,821	173,798	36,296	210,094
June	3,739	7,413	161,908	173,061	36,895	209,956
July	3,387	7,810	153,957	165,153	35,816	200,970
August	3,255	8,206	151,085	162,546	34,738	197,284
September	3,124	8,603	149,913	161,639	33,659	195,298
October	3,192	8,640	156,271	168,104	33,579	201,683
November	3,260	8,678	160,911	172,850	33,499	206,348
December	3,329	8,716	156,166	168,210	33,418	201,629
1991						
January	3,262	8,234	152,097	163,594	36,333	199,927
February	3,196	7,753	156,116	167,065	39,248	206,312
March	3,130	7,271	161,084	171,485	42,162	213,647
April	3,181	7,154	166,315	176,650	41,793	218,443
May	3,232	7,038	167,528	177,797	41,423	219,221
June	3,283	6,921	163,459	173,663	41,054	214,716
July	3,087	7,033	155,680	165,800	38,578	204,378
August	2,891	7,145	153,097	163,133	36,103	199,237
September	2,695	7,258	153,907	163,860	33,628	197,488
October	2,721	7,192	158,813	168,726	33,409	202,136
November	2,747	7,127	158,605	168,479	33,190	201,670
December	2,773	7,061	157,876	167,711	32,971	200,682
1992						
January	2,807	6,616	155,637	165,060	35,265	200,325
February	2,841	6,171	158,145	167,157	37,559	204,716
March	2,875	5,725	160,032	168,632	39,853	208,485
April	2,842	5,923	162,591	171,356	40,073	211,429
May	2,809	6,100	165,512	174,421	40,293	214,714
June	2,776	6,317	164,176	173,270	40,513	213,783
July	2,589	6,538	154,403	163,530	38,741	202,271
August	2,402	6,758	152,580	161,740	36,970	198,710
September	2,215	6,979	152,685	161,878	35,198	197,076
October	2,342	6,974	156,859	166,175	34,796	200,971
November	2,470	6,969	157,849	167,288	34,395	201,683
December	2,597	6,965	154,130	163,692	33,993	197,685

^a Excludes stocks held at retail dealers for consumption by the residential and commercial sector. Residential and commercial coal stocks information is available from the following sources: 1973-1976—U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Minerals Yearbook*, January-September 1977—DOI, BOM, Form 6-1400, "Monthly Coal Report, Retail Dealers—Upper Lake Docks." October 1977-1979—Energy Information Administration (EIA), Form EIA-2, "Monthly Coal Report, Retail

Dealers—Upper Lake Docks." R=Revised data.

Notes: • For sector-specific reporting and estimating information, see Note 3 at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Coal Notes and Sources

Notes:

1. Production: Monthly production figures are adjusted to conform to final annual production data reported on Energy Information Administration (EIA) Form EIA-7A, "Coal Production Report." Preliminary monthly figures reported before the adjustment are generally different from the final values. For further details, see EIA, *Monthly Energy Review*.

2. Consumption: Coal consumption data are reported by major end-use sector:

- Residential and Commercial—Prior to 1980, monthly consumption estimates for the residential and commercial sector were derived by using reported data to modify baseline figures developed by the Bureau of Mines. From 1980-1987, monthly estimates were derived by proportioning reported quarterly data by using the ratios of monthly-to-quarterly consumption data in 1979, the last year in which monthly data were reported on Form EIA-2. During 1981 and 1982, the estimates were also modified to reflect air temperature degree-days. Quarterly consumption data were taken directly from reported data and were defined as distribution to the residential and commercial sector as reported by coal producers and distributors on Form EIA-6. From 1988-1992, monthly residential and commercial consumption estimates were derived from reported quarterly data by using monthly national average population weighted heating/cooling degree-days obtained from the National Oceanic and Atmospheric Administration. The monthly ratios are the monthly national sum of heating and cooling degree-days as a proportion of the quarterly national sum. Quarterly consumption data are taken directly from reported data.
- Coke Plants—Prior to 1980, monthly coke plant consumption data were taken directly from reported data. From 1980-1987, coke plant consumption estimates were derived by proportioning reported quarterly data by using the ratios of monthly-to-quarterly consumption data in 1979, the last year in which monthly data were reported. From 1988-1992, monthly coke plant consumption estimates were derived from the reported quarterly data by using monthly ratios of raw steel production data from the American Iron and Steel Institute. The ratios are the monthly raw steel production from open hearth and basic oxygen process furnaces as a proportion of the quarterly production from those kinds of furnaces.
- Other Industrial—Prior to 1978, monthly consumption data for the other industrial sector (all industrial users minus coke plants) were derived by using reported data to modify baseline consumption figures from the most recent Bureau

of the Census Annual Survey of Manufactures or Census of Manufactures. For 1978 and 1979, monthly estimates were derived from data reported on Forms EIA-3 and EIA-6. From 1980-1987, monthly figures were estimated by proportioning quarterly data by using the ratios of monthly-to-quarterly consumption data in 1979, the last year in which monthly data were reported on Form EIA-3. Quarterly consumption data were derived by adding beginning stocks at manufacturing plants to current receipts and subtracting ending stocks at manufacturing plants. In this calculation, current receipts were the greater of either reported receipts from manufacturing plants (Form EIA-3) or reported shipments to the other industrial sector (Form EIA-6), thereby ensuring that agriculture, forestry, fishing, mining, and construction consumption data were included where appropriate. From 1988-1992, monthly consumption for the other industrial sector was estimated from reported quarterly data by using ratios derived from industrial production indices published by the Board of Governors of the Federal Reserve System. Indices for six major industry groups are used as the basis for calculating the ratios: foods, Standard Industrial Classification (SIC) 20; paper and products, SIC 26; chemicals and products, SIC 28; petroleum products, SIC 29; clay, glass, and stone products, SIC 32; and primary metals, SIC 33. The monthly ratios are computed as the monthly sum of the weighted indices as a proportion of the quarterly sum of the weighted indices by using the 1977 proportion as the weights.

- Electric Utilities—Monthly consumption data for electric utility plants are taken directly from reported data.

3. Stocks: Coal stocks data are reported by major end-use sector:

- Coke Plants—Prior to 1980, monthly stocks at coke plants were taken directly from reported data. From 1980-1992, coke plant stocks were estimated by using one-third of the current quarterly change to indicate the monthly change in stocks. Quarterly stocks were taken directly from data reported on Form EIA-5.
- Other Industrial—Prior to 1978, stocks for the other industrial sector were derived by using reported data to modify baseline figures from a one-time Bureau of Mines survey of consumers. For 1978-1982, monthly estimates were derived by judgmentally proportioning reported quarterly data based on representative seasonal patterns of supply and demand. From 1983-1992, other industrial coal stocks were estimated as indicated above for coke plants. Quarterly stocks were taken directly from data reported on Form EIA-3 and therefore include only manufacturing

industries; data for agriculture, forestry, fishing, mining, and construction stocks are not available.

- **Electric Utilities**—Monthly stocks data at electric utility plants are taken directly from reported data.
- **Producers and Distributors**—Prior to 1980, monthly stocks data were derived from annual stock change data reported on the coal distribution survey Form BOM-6-1419-Q, "Distribution of Bituminous Coal and Lignite Shipments." The year-end stock value is the previous year's value plus or minus the reported stock change. Monthly estimates of coal stocks are obtained by dividing the annual change into twelve increments and adding (or subtracting) that value to (or from) the previous month's estimate. For 1980-1992, data were collected quarterly on Form EIA-6, "Coal Distribution Report," and monthly data were estimated by using one-third of the quarterly change to indicate the monthly change in stocks.

4. Imports and Exports: All coal import and export figures are taken directly from data reported monthly by the Bureau of the Census.

5. Additional Information: EIA's *Quarterly Coal Report* provides additional information about coal data and estimation procedures.

Sources:

Table 6.1

- **Production: 1973-September 1977**—U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Minerals Yearbook* and *Mineral Industry Surveys*. **October 1977-1992**—Energy Information Administration (EIA), *Weekly Coal Production*.
- **Consumption**—Table 6.2.
- **Imports and Exports**—U.S. Department of Commerce, Bureau of the Census, Monthly Reports IM-145 (Imports) and EM-522 (Exports).
- **Stocks**—Table 6.3.

Table 6.2

- **Residential and Commercial, 1973-1976**—DOI, BOM, *Minerals Yearbook*. **January-September 1977**—DOI, BOM, Form 6-1400, "Monthly Coal Report, Retail

Dealers—Upper Lake Docks." **October 1977-1979**—EIA, Form EIA-2, "Monthly Coal Report, Retail Dealers—Upper Lake Docks." **1980-1992**—EIA, Form EIA-6, "Coal Distribution Report," quarterly.

- **Coke Plants, 1973-September 1977**—DOI, BOM, *Minerals Yearbook* and *Minerals Industry Surveys*. **October 1977-1980**—EIA, Form EIA-5/5A, "Coke and Coal Chemicals—Monthly/Annual." **1981-1984**—EIA, Form EIA-5/5A, "Coke Plant Report—Quarterly/Annual Supplement." **1985-1992**—EIA, Form EIA-5, "Coke Plant Report—Quarterly."
- **Other Industrial, 1973-September 1977**—DOI, BOM, *Minerals Yearbook* and *Minerals Industry Surveys*. **October 1977-1979**—EIA, Form EIA-3, "Monthly Coal Consumption Report—Manufacturing Plants." **1980-1992**—EIA, Form EIA-3, "Quarterly Coal Consumption Report—Manufacturing Plants," and Form EIA-6, "Coal Distribution Report," quarterly.
- **Electric Utilities, 1973-September 1977**—DOI, BOM, *Minerals Yearbook* and *Minerals Industry Surveys*. **October 1977-1992**—EIA, Form EIA-759 (formerly Form FPC-4), "Monthly Power Plant Report."

Table 6.3

- **Coke Plants, 1973-September 1977**—DOI, BOM, *Minerals Yearbook* and *Minerals Industry Surveys*. **October 1977-1980**—EIA, Form EIA-5/5A, "Coke and Coal Chemicals—Monthly/Annual." **1981-1984**—EIA, Form EIA-5/5A, "Coke Plant Report—Quarterly/Annual Supplement." **1985-1992**—EIA, Form EIA-5, "Coke Plant Report—Quarterly."
- **Other Industrial, 1973-September 1977**—DOI, BOM, *Minerals Yearbook* and *Minerals Industry Surveys*. **October 1977-1979**—EIA, Form EIA-3, "Monthly Coal Consumption Report—Manufacturing Plants." **1980-1992**—EIA, Form EIA-3, "Quarterly Coal Consumption Report—Manufacturing Plants," and Form EIA-6, "Coal Distribution Report," quarterly.
- **Electric Utilities, 1973-September 1977**—DOI, BOM, *Minerals Yearbook* and *Minerals Industry Surveys*. **October 1977-1992**—EIA, Form EIA-759 (formerly Form FPC-4), "Monthly Power Plant Report."
- **Producers and Distributors**—See Note 3, "Producers and Distributors."

Section 7 Electricity



A 1200-kilovolt ultra-high tower near Lyons, Oregon, forms part of the Bonneville Power Administration's network of over 12,000 miles of transmission lines in the Pacific Northwest.

Table 7.1 Electric Utility Net Generation of Electricity, 1973-1992

(Million Kilowatthours)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-Electric Power	Geothermal Energy	Other ^c	Total
1973								
January	75,190	21,185	31,184	6,246	25,944	143	20	159,913
February	67,798	20,253	26,087	5,928	23,031	131	29	143,257
March	67,388	24,043	24,033	6,649	25,563	136	35	147,847
April	63,935	25,030	20,195	5,876	24,073	159	23	139,292
May	64,927	29,756	21,742	5,697	24,793	148	25	147,088
June	69,592	34,627	26,000	6,784	23,752	170	21	160,945
July	75,988	39,171	28,728	6,960	22,419	180	20	173,467
August	78,365	38,891	30,746	7,785	21,120	170	33	177,109
September	71,304	33,118	27,109	7,862	17,076	144	37	156,651
October	70,104	30,689	27,224	7,518	18,211	169	38	153,954
November	69,707	23,717	26,125	8,142	19,984	182	24	147,881
December	73,352	20,378	25,170	8,031	26,118	234	24	153,307
Total	847,651	340,858	314,343	83,479	272,083	1,966	328	1,860,710
1974								
January	73,632	20,728	26,199	7,603	28,861	206	25	157,254
February	66,117	18,942	22,565	8,116	26,536	182	17	142,474
March	67,747	23,628	22,136	8,777	27,534	207	18	150,048
April	62,866	24,029	19,941	7,129	27,836	195	24	142,021
May	67,789	28,325	22,682	6,562	27,935	195	23	153,513
June	67,471	31,728	23,065	7,080	26,602	189	27	156,161
July	76,361	37,215	27,726	10,210	26,250	210	20	177,992
August	74,760	35,351	27,201	12,333	24,006	207	21	173,879
September	65,267	29,348	25,048	11,010	21,345	191	29	152,239
October	66,954	28,264	25,701	10,864	19,985	194	17	151,978
November	66,996	22,736	27,758	11,004	21,102	231	17	149,844
December	72,474	19,771	30,908	13,288	23,040	243	12	159,737
Total	828,433	320,065	300,931	113,976	301,032	2,453	251	1,867,140
1975								
January	74,836	19,689	30,632	13,938	25,011	203	14	164,325
February	67,285	18,050	24,924	12,733	23,886	194	12	147,084
March	69,176	20,099	23,123	14,882	27,970	219	13	155,481
April	64,453	20,323	21,258	13,327	26,624	219	11	146,217
May	64,741	25,707	21,050	13,764	27,713	238	18	153,231
June	70,346	28,830	23,062	12,744	27,143	295	21	162,442
July	76,295	34,182	25,132	15,372	25,522	297	16	176,816
August	78,882	34,041	27,958	15,880	22,612	322	19	179,714
September	68,559	30,020	21,426	14,396	20,519	284	18	155,223
October	69,043	26,300	21,995	14,626	22,639	327	18	154,949
November	70,424	21,830	21,615	14,164	24,429	318	15	152,795
December	78,746	20,706	26,920	16,679	25,978	330	15	169,372
Total	852,786	299,778	289,095	172,505	300,047	3,246	191	1,917,649
1976								
January	83,691	19,895	32,231	16,099	26,070	328	16	178,329
February	73,516	19,163	24,783	14,377	24,521	308	15	156,684
March	76,554	21,282	25,437	13,993	26,563	330	16	164,174
April	72,559	21,867	23,310	10,982	24,137	297	14	153,167
May	72,499	25,319	21,807	11,929	25,516	284	15	157,370
June	76,926	29,715	25,117	15,757	25,563	295	18	173,392
July	83,280	32,032	27,011	17,709	26,064	319	19	186,434
August	84,207	31,393	28,263	18,363	23,843	314	21	186,403
September	75,370	28,058	23,622	17,290	20,368	306	21	165,035
October	76,932	23,909	24,190	17,355	21,041	297	22	163,746
November	81,669	21,111	30,075	16,134	19,804	250	42	169,085
December	87,189	20,879	34,143	21,115	20,219	286	46	183,877
Total	944,391	294,624	319,988	191,104	283,707	3,616	266	2,037,696
1977								
January	89,829	19,953	43,379	22,152	20,700	310	49	196,372
February	78,735	19,481	29,446	19,601	15,150	271	52	162,734
March	77,492	22,467	28,369	20,672	19,801	307	49	169,157
April	70,866	21,297	25,862	19,867	18,642	273	46	156,853
May	77,049	24,701	27,964	20,599	18,677	295	46	169,332
June	83,117	29,621	28,971	21,517	17,226	290	45	180,787
July	92,373	32,713	34,893	21,825	16,799	307	20	198,930
August	90,730	33,291	32,326	22,750	16,712	281	36	196,126
September	82,565	30,938	26,366	19,630	16,425	301	41	176,265
October	79,382	27,356	23,074	19,041	17,189	315	45	166,402
November	79,468	22,566	24,863	19,458	20,398	317	30	167,099
December	83,612	21,123	32,667	23,771	22,756	315	22	184,267
Total	985,219	305,505	358,179	250,883	220,475	3,582	481	2,124,323

See footnotes at end of table.

Table 7.1 Electric Utility Net Generation of Electricity, 1973-1992 (Continued)

(Million Kilowatthours)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-Electric Power	Geothermal Energy	Other ^c	Total
1978								
January	85,006	22,310	39,264	25,833	25,066	321	36	197,835
February	70,570	20,370	38,213	21,833	22,211	275	33	173,504
March	66,623	22,269	36,958	22,449	24,630	228	36	173,193
April	70,327	21,339	24,978	17,580	25,306	192	16	159,738
May	76,432	25,076	24,368	20,416	28,757	171	16	175,236
June	84,033	30,618	26,130	22,185	25,121	210	15	188,312
July	89,606	34,248	29,117	25,007	24,453	236	15	202,682
August	93,430	32,583	32,302	25,599	22,185	277	41	206,418
September	87,041	28,206	26,640	22,189	21,177	293	26	185,572
October	82,083	25,233	25,753	22,997	19,479	218	39	175,802
November	81,727	22,000	27,310	24,901	19,953	246	36	176,172
December	88,863	21,138	34,027	25,415	22,082	312	29	191,865
Total	975,742	305,391	365,060	276,403	280,419	2,978	338	2,206,331
1979								
January	94,986	22,093	39,474	27,792	25,021	299	26	209,692
February	84,748	21,844	32,274	25,911	21,275	245	40	186,337
March	85,220	24,916	22,076	24,335	25,921	329	54	182,849
April	80,450	24,763	20,599	18,418	25,389	304	39	169,962
May	86,149	26,135	21,470	15,025	28,939	306	44	178,069
June	90,817	30,107	24,367	16,065	24,979	310	37	186,682
July	97,879	34,676	25,750	20,825	22,761	328	36	202,255
August	97,910	34,949	26,123	24,204	21,260	358	47	204,850
September	85,664	31,442	22,509	21,804	18,978	311	43	180,751
October	87,528	30,419	20,279	20,934	20,167	348	41	179,716
November	87,456	24,661	23,380	19,255	22,367	339	49	177,506
December	96,230	23,481	25,223	20,586	22,727	413	43	188,703
Total	1,075,037	329,485	303,525	255,155	279,783	3,889	498	2,247,372
1980								
January	103,258	26,349	24,986	19,746	25,278	336	52	200,005
February	98,151	24,755	24,781	19,277	21,378	323	50	188,715
March	95,386	26,891	20,415	20,039	24,332	359	42	187,464
April	83,562	24,181	16,025	18,794	25,748	376	34	168,720
May	84,884	26,587	16,545	18,385	28,865	443	25	175,734
June	93,692	31,295	18,020	18,322	27,656	427	18	189,430
July	108,457	39,063	23,289	21,024	24,469	450	25	216,776
August	107,580	37,647	24,885	24,333	20,431	480	37	215,393
September	97,557	33,580	17,815	23,572	18,491	434	35	191,485
October	91,196	28,592	15,858	24,510	17,866	493	41	178,555
November	93,501	24,338	19,989	20,984	19,217	482	39	178,550
December	104,339	22,961	23,386	22,130	22,290	469	36	195,613
Total	1,161,562	346,240	245,994	251,116	276,021	5,073	433	2,286,439
1981								
January	111,765	22,081	25,963	23,779	22,338	506	35	206,467
February	97,653	21,339	17,444	21,595	21,099	447	36	179,613
March	99,482	25,997	16,957	22,004	20,572	501	40	185,553
April	88,109	27,460	15,106	20,646	20,723	463	37	172,545
May	88,941	30,070	14,508	19,723	24,081	458	24	177,806
June	99,837	35,885	18,972	21,166	26,370	457	15	202,702
July	112,854	38,712	20,072	23,080	25,133	503	20	220,373
August	108,403	36,918	16,001	26,946	21,615	497	24	210,403
September	97,664	30,850	15,566	24,398	17,822	500	39	186,838
October	97,046	28,917	16,213	20,556	18,088	493	38	181,352
November	94,841	24,670	13,847	22,783	18,963	430	34	175,570
December	106,608	22,877	15,772	25,997	23,879	432	25	195,590
Total	1,203,203	345,777	206,421	272,674	260,684	5,686	368	2,294,812
1982								
January	113,124	22,621	20,674	25,678	26,896	380	31	209,403
February	96,906	20,920	15,217	20,188	26,690	350	30	180,299
March	97,625	23,598	13,495	22,755	29,885	308	22	187,687
April	88,116	23,231	11,192	21,785	27,928	311	17	172,580
May	92,997	24,291	9,868	21,639	27,971	361	20	177,147
June	95,314	27,959	10,419	24,026	27,953	436	22	186,128
July	110,617	33,340	13,380	25,467	27,294	458	26	210,584
August	110,124	34,418	11,753	24,986	23,894	457	23	205,656
September	96,896	27,649	10,363	25,391	19,896	438	30	180,662
October	93,769	25,804	9,885	23,248	19,750	467	43	172,966
November	95,547	21,466	9,313	23,235	23,297	490	30	173,377
December	100,970	19,963	11,238	24,376	27,760	388	27	184,722
Total	1,192,004	305,260	146,797	282,773	309,213	4,843	321	2,241,211

See footnotes at end of table.

Table 7.1 Electric Utility Net Generation of Electricity, 1973-1992 (Continued)

(Million Kilowatthours)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-Electric Power	Geothermal Energy	Other ^c	Total
1983								
January	108,164	19,721	12,880	25,073	29,235	484	23	195,579
February	92,692	16,659	12,586	22,198	27,950	372	23	172,479
March	95,598	19,686	12,556	23,890	30,302	429	26	182,488
April	88,114	19,174	10,337	22,335	29,989	402	22	170,372
May	91,296	20,445	9,050	22,051	31,194	326	30	174,392
June	101,512	23,091	11,139	24,152	30,692	429	33	191,048
July	121,560	29,615	14,710	25,602	28,113	535	30	220,165
August	129,313	33,147	14,731	26,201	25,828	704	34	229,957
September	108,868	28,040	11,299	25,007	21,712	643	35	195,604
October	101,951	23,783	9,941	25,797	20,747	674	38	182,931
November	103,225	20,169	9,229	25,010	24,678	600	37	182,949
December	117,131	20,567	16,041	26,361	31,691	478	51	212,319
Total	1,259,424	274,098	144,499	293,677	332,130	6,075	381	2,310,285
1984								
January	120,850	20,245	15,939	29,313	29,737	488	59	216,632
February	104,706	17,827	10,053	28,436	27,900	596	47	189,564
March	111,158	19,645	10,806	27,345	30,435	655	64	200,107
April	97,542	21,197	7,450	24,231	29,970	646	49	181,084
May	100,139	25,304	8,422	25,867	31,814	620	53	192,217
June	115,426	28,345	11,152	25,299	28,773	602	52	209,648
July	121,094	33,327	10,397	28,284	27,495	574	74	221,245
August	127,744	33,292	12,836	29,493	25,137	719	75	229,296
September	108,862	27,839	7,713	29,146	20,911	648	80	195,198
October	110,801	25,783	7,874	24,774	20,887	711	107	190,936
November	109,759	23,728	9,232	24,575	22,259	702	125	190,380
December	113,601	20,863	7,935	30,872	25,834	778	114	199,996
Total	1,341,681	297,394	119,808	327,634	321,150	7,741	898	2,416,304
1985								
January	129,092	22,051	12,077	36,186	27,543	774	132	227,856
February	112,037	19,417	9,270	30,812	25,902	684	120	198,242
March	111,391	19,848	7,120	31,041	24,640	796	134	194,970
April	104,790	22,425	6,017	26,458	24,403	697	86	184,877
May	111,515	22,481	6,859	28,697	26,421	725	91	196,790
June	115,583	26,740	7,576	30,837	23,839	698	90	205,363
July	128,880	32,191	8,289	35,184	21,293	768	117	226,722
August	126,550	33,915	9,858	34,812	19,981	802	132	226,050
September	114,630	26,273	7,435	34,508	18,767	763	124	202,499
October	111,053	24,120	7,514	31,205	20,048	730	119	194,789
November	108,815	22,453	7,008	30,166	22,954	901	129	192,427
December	127,792	20,031	11,177	33,782	25,359	988	125	219,255
Total	1,402,128	291,946	100,202	383,691	281,149	9,325	1,399	2,469,841
1986								
January	130,190	17,472	11,088	36,219	21,377	1,008	115	217,470
February	110,982	14,925	9,529	32,721	23,222	865	91	192,336
March	110,390	16,149	10,073	30,773	28,465	900	83	196,834
April	98,995	18,961	9,227	30,477	27,523	812	79	186,074
May	104,900	21,947	10,435	31,924	27,205	820	83	197,315
June	120,154	24,767	11,563	31,334	26,223	890	84	215,015
July	136,654	28,712	16,296	35,894	24,072	944	101	242,672
August	123,618	26,352	15,466	37,483	21,189	942	116	225,166
September	113,957	23,457	10,677	36,593	21,114	789	106	206,692
October	108,584	20,876	9,873	36,214	21,335	776	96	197,754
November	109,045	18,044	10,464	34,944	23,153	672	110	196,432
December	118,362	16,845	11,894	39,463	25,965	890	131	213,551
Total	1,385,831	248,508	136,585	414,038	290,844	10,308	1,195	2,487,310
1987								
January	126,631	17,788	11,927	39,975	25,412	894	123	222,749
February	109,648	15,120	10,502	36,598	21,226	829	111	194,034
March	111,920	18,349	10,007	37,290	23,248	909	125	201,849
April	105,474	19,602	7,912	33,518	22,025	857	108	189,496
May	115,155	23,239	8,146	34,320	24,202	900	112	206,074
June	129,351	27,090	10,655	36,560	20,863	925	146	225,589
July	143,503	30,512	12,547	40,056	20,195	956	147	247,915
August	143,194	32,262	11,289	41,352	18,446	952	149	247,645
September	120,777	25,678	7,696	39,666	18,180	888	123	213,008
October	117,743	22,985	6,819	36,492	17,955	900	116	203,009
November	114,172	21,005	9,803	37,438	16,857	870	113	200,258
December	126,213	18,992	11,189	42,006	21,087	894	120	220,500
Total	1,463,781	272,621	118,493	455,270	249,695	10,775	1,491	2,572,127

See footnotes at end of table.

Table 7.1 Electric Utility Net Generation of Electricity, 1973-1992 (Continued)

(Million Kilowatthours)

	Coal	Natural Gas ^a	Petroleum ^b	Nuclear Electric Power	Hydro-Electric Power	Geothermal Energy	Other ^c	Total
1988								
January	137,845	16,237	16,090	44,658	22,033	902	131	237,897
February	126,267	16,530	11,890	42,246	19,105	776	121	216,937
March	120,034	19,744	9,769	43,912	19,514	905	136	214,013
April	109,135	19,241	7,494	40,067	19,104	819	140	196,000
May	115,195	23,155	7,211	40,650	21,238	805	117	208,371
June	132,268	26,808	9,754	44,079	18,833	854	150	232,747
July	144,301	31,284	14,059	49,828	16,904	929	155	257,461
August	152,377	32,702	16,068	49,035	16,447	886	178	267,693
September	124,410	22,213	10,014	46,270	16,270	850	152	221,179
October	121,339	17,316	13,236	42,591	15,112	866	148	210,608
November	121,054	14,543	14,962	39,583	18,466	860	126	209,593
December	136,427	13,027	18,352	44,052	19,913	849	131	232,752
Total	1,540,653	252,801	148,900	526,973	222,940	10,300	1,684	2,704,250
1989								
January	135,181	14,014	15,332	46,328	20,930	819	142	232,747
February	127,187	16,672	17,748	38,725	18,620	739	134	219,826
March	126,725	20,072	16,667	39,636	22,642	872	128	226,742
April	115,451	22,571	11,561	33,495	24,077	757	130	208,042
May	119,108	23,747	9,939	38,339	28,049	802	140	220,124
June	128,615	24,680	12,591	42,976	25,882	792	154	235,689
July	138,638	30,351	12,081	52,331	22,671	803	174	257,050
August	141,901	29,709	10,983	54,948	20,187	775	185	258,687
September	126,898	25,515	10,072	44,837	18,919	721	188	227,150
October	122,393	24,664	8,263	43,558	20,076	759	197	219,910
November	124,338	18,107	11,343	43,399	21,186	724	203	219,300
December	147,227	16,496	21,737	50,784	21,823	780	192	259,038
Total	1,553,661	266,598	158,318	529,355	265,063	9,342	1,968	2,784,304
1990								
January	132,623	13,687	11,515	55,119	23,412	757	175	237,289
February	116,071	12,450	9,385	49,963	24,151	693	168	212,880
March	123,139	17,647	10,172	46,087	28,042	762	186	226,034
April	117,260	18,991	10,141	38,516	25,387	601	174	211,070
May	119,785	22,867	9,442	42,945	27,001	709	158	222,908
June	132,624	28,280	13,348	46,332	27,708	738	144	249,175
July	144,359	30,983	12,824	53,645	23,658	744	164	266,375
August	147,305	32,610	10,887	55,758	21,048	734	185	268,527
September	135,493	28,212	7,981	48,485	16,971	690	185	238,017
October	130,182	24,408	7,198	43,395	18,605	723	182	224,694
November	124,003	17,637	6,221	45,034	19,993	693	167	213,748
December	136,762	16,317	7,902	51,582	23,952	738	181	237,434
Total	1,559,606	264,089	117,017	576,862	279,926	8,581	2,070	2,808,151
1991								
January	141,945	16,348	9,222	54,369	25,676	704	192	248,455
February	117,867	13,723	8,689	47,863	21,915	614	149	210,821
March	118,366	18,446	8,785	49,121	25,820	701	162	221,400
April	112,418	20,504	7,984	41,631	25,687	629	151	209,004
May	123,906	23,455	10,995	46,755	28,455	644	164	234,373
June	131,964	24,417	11,159	54,208	25,830	686	162	248,427
July	143,997	31,145	11,010	60,735	24,250	686	153	271,976
August	144,194	30,970	11,866	58,473	21,747	679	186	268,115
September	129,141	24,966	8,646	51,874	18,428	637	193	233,885
October	125,523	25,390	6,483	47,653	17,538	673	171	223,430
November	129,125	18,990	7,784	46,295	18,300	704	179	221,377
December	132,721	15,819	8,841	53,589	21,873	729	187	233,760
Total	1,551,167	264,172	111,463	612,565	275,519	8,087	2,050	2,825,023
1992								
January	137,327	16,178	10,202	57,849	21,502	711	202	243,970
February	121,732	16,165	8,296	52,804	17,966	626	172	217,761
March	127,678	19,906	8,809	45,835	21,566	713	158	224,665
April	119,909	21,913	6,505	42,268	19,454	645	143	210,837
May	123,768	22,689	5,156	45,627	22,285	683	147	220,355
June	129,607	24,997	7,508	51,185	22,698	675	170	236,842
July	149,028	31,950	8,540	56,049	19,711	685	184	266,148
August	141,900	28,778	6,923	58,656	18,062	690	195	255,203
September	133,239	26,099	6,841	50,919	16,838	642	183	234,760
October	127,940	20,420	6,908	48,784	16,375	677	185	221,289
November	125,535	18,031	6,838	50,726	19,294	675	165	221,263
December	138,234	16,744	6,390	58,075	23,808	682	192	244,126
Total	1,575,895	263,872	88,916	618,776	239,559	8,104	2,096	2,797,219

^a Includes supplemental gaseous fuel.
^b Includes fuel oil nos. 1, 2, 4, 5, and 6, crude oil, kerosene, and petroleum coke.
^c "Other" is electricity produced from wood, waste, wind, photovoltaic, and solar thermal energy sources connected to electric utility distribution systems.

Notes: • Totals may not equal sum of components due to independent rounding.
 • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 7.2 Electricity Sales by End-Use Sector, 1973-1992

(Million Kilowatthours)

	Residential		Commercial		Industrial		Other ^a		Total	
	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series
1973										
January	52,840	—	31,182	—	55,274	—	5,209	—	144,505	—
February	49,601	—	30,445	—	54,591	—	4,909	—	139,546	—
March	46,315	—	30,100	—	55,866	—	4,822	—	137,102	—
April	41,821	—	29,038	—	55,937	—	4,571	—	131,366	—
May	39,825	—	30,060	—	56,838	—	4,638	—	131,361	—
June	44,967	—	33,194	—	57,368	—	4,764	—	140,293	—
July	54,123	—	36,147	—	57,152	—	5,140	—	152,562	—
August	56,742	—	36,820	—	58,865	—	5,054	—	157,481	—
September	56,210	—	36,711	—	59,178	—	5,211	—	157,310	—
October	47,207	—	33,289	—	60,514	—	5,032	—	146,042	—
November	43,181	—	31,453	—	58,433	—	5,075	—	138,142	—
December	46,399	—	29,829	—	56,070	—	4,902	—	137,199	—
Total	579,231	NA	388,266	NA	686,085	NA	59,326	NA	1,712,909	NA
1974										
January	52,878	—	30,647	—	55,457	—	5,004	—	143,986	—
February	47,779	—	29,563	—	54,799	—	4,596	—	136,737	—
March	46,096	—	29,345	—	55,814	—	4,696	—	135,952	—
April	43,193	—	29,090	—	56,115	—	4,610	—	133,007	—
May	41,105	—	30,061	—	57,226	—	4,685	—	133,077	—
June	46,597	—	32,988	—	57,702	—	4,643	—	141,931	—
July	53,540	—	35,498	—	57,503	—	4,969	—	151,511	—
August	56,699	—	36,702	—	59,641	—	5,070	—	158,112	—
September	52,948	—	35,801	—	59,893	—	4,977	—	153,619	—
October	44,164	—	32,275	—	60,116	—	4,800	—	141,355	—
November	42,671	—	30,986	—	57,175	—	4,952	—	135,784	—
December	50,512	—	31,868	—	53,433	—	5,039	—	140,852	—
Total	578,184	NA	384,826	NA	684,875	NA	58,039	NA	1,705,924	NA
1975										
January	54,311	—	32,513	—	56,611	—	5,959	—	149,394	—
February	50,495	—	31,566	—	55,363	—	5,550	—	142,973	—
March	48,239	—	31,299	—	55,567	—	5,644	—	140,749	—
April	45,007	—	30,571	—	54,981	—	5,274	—	135,833	—
May	41,294	—	31,029	—	55,835	—	5,410	—	133,568	—
June	46,034	—	34,786	—	56,785	—	5,390	—	142,996	—
July	54,325	—	37,768	—	56,460	—	5,651	—	154,204	—
August	57,659	—	38,714	—	58,813	—	5,716	—	160,902	—
September	54,720	—	37,462	—	59,575	—	5,984	—	157,741	—
October	43,255	—	32,921	—	59,891	—	5,751	—	141,818	—
November	42,289	—	31,711	—	59,278	—	5,982	—	139,260	—
December	50,513	—	32,708	—	58,519	—	5,913	—	147,653	—
Total	588,140	NA	403,049	NA	687,680	NA	68,222	NA	1,747,091	NA
1976										
January	60,492	—	35,080	—	58,601	—	6,365	—	160,539	—
February	54,588	—	33,924	—	59,175	—	5,861	—	153,549	—
March	47,295	—	32,624	—	61,573	—	5,972	—	147,465	—
April	43,811	—	31,920	—	61,188	—	5,392	—	142,310	—
May	41,281	—	32,648	—	62,395	—	5,479	—	141,804	—
June	44,382	—	35,443	—	63,837	—	5,376	—	149,039	—
July	54,029	—	39,627	—	63,487	—	5,863	—	163,006	—
August	57,706	—	40,076	—	65,013	—	5,836	—	168,631	—
September	53,771	—	38,953	—	65,555	—	6,132	—	164,412	—
October	44,996	—	35,094	—	65,240	—	5,655	—	150,985	—
November	46,986	—	33,737	—	64,209	—	5,808	—	150,741	—
December	57,112	—	35,967	—	63,795	—	5,892	—	162,766	—
Total	606,452	NA	425,094	NA	754,069	NA	69,631	NA	1,855,246	NA
1977										
January	65,758	—	37,736	—	62,576	—	6,281	—	172,351	—
February	61,839	—	36,237	—	61,445	—	5,777	—	165,298	—
March	51,173	—	34,366	—	64,500	—	6,165	—	156,204	—
April	44,668	—	33,291	—	64,537	—	5,431	—	147,926	—
May	41,825	—	34,410	—	66,747	—	5,620	—	148,602	—
June	48,729	—	37,793	—	67,165	—	5,608	—	159,294	—
July	61,377	—	42,017	—	65,666	—	5,938	—	174,998	—
August	62,692	—	42,634	—	67,426	—	5,838	—	178,590	—
September	57,630	—	41,213	—	67,463	—	5,956	—	172,262	—
October	49,021	—	36,779	—	67,560	—	5,989	—	159,348	—
November	45,241	—	34,192	—	65,985	—	5,893	—	151,312	—
December	55,287	—	35,845	—	64,969	—	6,075	—	162,175	—
Total	645,239	NA	446,514	NA	786,037	NA	70,571	NA	1,948,361	NA

See footnotes at end of table.

Table 7.2 Electricity Sales by End-Use Sector, 1973-1992 (Continued)

(Million Kilowatthours)

	Residential		Commercial		Industrial		Other ^a		Total	
	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series
1978										
January	65,906	—	38,271	—	65,883	—	6,589	—	176,649	—
February	64,579	—	37,606	—	61,461	—	6,281	—	169,927	—
March	58,781	—	36,413	—	62,173	—	6,039	—	163,406	—
April	47,396	—	33,737	—	63,891	—	5,361	—	150,385	—
May	44,012	—	34,109	—	67,791	—	5,592	—	151,504	—
June	50,832	—	39,219	—	69,635	—	5,833	—	165,519	—
July	61,747	—	42,997	—	68,004	—	6,366	—	179,114	—
August	63,843	—	43,849	—	70,388	—	6,143	—	184,223	—
September	61,984	—	43,094	—	71,124	—	6,436	—	182,638	—
October	51,108	—	38,354	—	71,259	—	6,001	—	166,722	—
November	47,220	—	35,864	—	69,702	—	6,340	—	159,126	—
December	57,058	—	37,650	—	67,767	—	6,234	—	168,709	—
Total	674,466	NA	461,163	NA	809,078	NA	73,215	NA	2,017,922	NA
1979										
January	69,939	—	40,362	—	68,324	—	6,762	—	185,387	—
February	67,842	—	39,865	—	67,632	—	6,176	—	181,515	—
March	59,314	—	38,123	—	69,783	—	6,029	—	173,249	—
April	50,079	—	35,930	—	69,944	—	5,604	—	161,557	—
May	45,730	—	36,398	—	71,798	—	5,625	—	159,551	—
June	49,556	—	39,689	—	71,919	—	5,696	—	166,860	—
July	58,606	—	42,773	—	70,984	—	5,976	—	178,339	—
August	64,808	—	44,199	—	71,956	—	6,346	—	187,309	—
September	59,703	—	42,498	—	71,014	—	6,425	—	179,640	—
October	49,505	—	38,820	—	71,472	—	6,151	—	165,948	—
November	49,617	—	36,711	—	69,780	—	6,163	—	162,271	—
December	58,120	—	37,939	—	67,297	—	6,117	—	169,473	—
Total	682,819	NA	473,307	NA	841,903	NA	73,070	NA	2,071,099	NA
1980										
January	65,841	—	39,578	—	67,532	—	6,634	—	179,585	—
February	64,514	—	39,528	—	68,508	—	6,171	—	178,721	—
March	60,497	—	38,762	—	69,086	—	6,028	—	174,373	—
April	51,749	—	36,453	—	67,908	—	5,591	—	161,701	—
May	45,699	—	36,110	—	67,235	—	5,807	—	154,851	—
June	52,267	—	40,129	—	66,739	—	5,737	—	164,872	—
July	68,611	—	45,525	—	65,531	—	6,215	—	185,882	—
August	75,020	—	47,763	—	67,415	—	6,266	—	196,464	—
September	67,969	—	46,028	—	69,570	—	6,572	—	190,139	—
October	54,014	—	40,479	—	69,413	—	6,174	—	170,080	—
November	50,539	—	37,954	—	67,613	—	6,068	—	162,174	—
December	60,775	—	39,846	—	68,517	—	6,469	—	175,607	—
Total	717,495	NA	488,155	NA	815,067	NA	73,732	NA	2,094,449	NA
1981										
January	74,087	—	43,229	—	67,076	—	7,557	—	191,949	—
February	66,359	—	41,345	—	67,411	—	7,092	—	182,207	—
March	57,660	—	39,541	—	68,590	—	7,035	—	172,826	—
April	50,914	—	37,910	—	68,138	—	6,562	—	163,525	—
May	48,348	—	39,331	—	68,714	—	6,780	—	163,173	—
June	56,165	—	44,244	—	71,641	—	6,777	—	178,827	—
July	69,990	—	48,989	—	71,712	—	7,124	—	197,814	—
August	70,299	—	49,003	—	72,010	—	7,147	—	198,459	—
September	61,098	—	46,977	—	71,011	—	7,164	—	186,250	—
October	52,989	—	42,183	—	69,154	—	7,024	—	171,350	—
November	51,965	—	39,747	—	66,161	—	7,143	—	165,016	—
December	62,391	—	41,839	—	64,124	—	7,351	—	175,705	—
Total	722,265	NA	514,338	NA	825,743	NA	84,756	NA	2,147,103	NA
1982										
January	76,264	—	44,947	—	62,939	—	7,929	—	192,079	—
February	69,128	—	43,459	—	62,778	—	7,441	—	182,805	—
March	60,498	—	41,710	—	64,496	—	7,255	—	173,959	—
April	54,918	—	40,036	—	62,723	—	6,836	—	164,512	—
May	49,092	—	40,021	—	62,480	—	6,977	—	158,569	—
June	54,083	—	44,206	—	63,684	—	6,766	—	168,739	—
July	65,704	—	48,211	—	62,617	—	7,035	—	183,567	—
August	69,906	—	49,720	—	63,306	—	6,808	—	189,740	—
September	63,053	—	48,068	—	59,980	—	7,194	—	178,296	—
October	52,638	—	42,864	—	60,830	—	7,084	—	163,416	—
November	52,136	—	40,572	—	60,651	—	7,122	—	160,480	—
December	62,102	—	42,584	—	58,464	—	7,128	—	170,279	—
Total	729,520	NA	526,397	NA	744,949	NA	85,575	NA	2,086,441	NA

See footnotes at end of table.

Table 7.2 Electricity Sales by End-Use Sector, 1973-1992 (Continued)

(Million Kilowatthours)

	Residential		Commercial		Industrial		Other ^a		Total	
	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series
1983										
January	69,967	—	44,019	—	57,938	—	7,252	—	179,176	—
February	65,039	—	42,475	—	59,032	—	6,919	—	173,465	—
March	58,912	—	41,518	—	60,261	—	6,893	—	167,584	—
April	56,284	—	40,679	—	60,548	—	6,296	—	163,807	—
May	49,669	—	40,305	—	62,729	—	6,216	—	158,919	—
June	54,138	—	45,086	—	66,152	—	6,228	—	171,604	—
July	69,965	—	51,013	—	66,424	—	6,752	—	194,153	—
August	78,374	—	53,245	—	69,611	—	6,885	—	208,115	—
September	73,197	—	52,147	—	69,618	—	6,960	—	201,922	—
October	55,374	—	45,517	—	68,924	—	6,492	—	176,307	—
November	53,704	—	42,666	—	67,544	—	6,560	—	170,474	—
December	66,326	—	45,119	—	67,217	—	6,765	—	185,428	—
Total	750,948	NA	543,788	NA	775,999	NA	80,219	NA	2,150,955	NA
1984										
January	83,295	—	49,243	—	66,709	—	7,289	—	206,537	—
February	69,818	—	46,293	—	67,445	—	6,690	—	190,246	—
March	63,656	—	45,232	—	69,684	—	6,902	—	185,475	—
April	56,373	—	43,052	—	69,048	—	6,339	—	174,813	—
May	53,519	—	44,150	—	70,774	—	6,559	—	175,003	—
June	59,955	—	49,454	—	73,037	—	6,714	—	189,160	—
July	71,020	—	53,922	—	71,843	—	7,006	—	203,791	—
August	73,138	—	53,603	—	74,534	—	7,089	—	208,364	—
September	67,456	—	52,854	—	71,275	—	6,780	—	198,365	—
October	55,965	—	48,061	—	70,945	—	6,732	—	181,702	—
November	56,543	—	45,937	—	68,688	—	6,840	—	178,008	—
December	66,916	—	46,481	—	66,606	—	6,908	—	186,910	—
Total	777,654	780,092	578,281	582,621	840,588	837,836	81,849	85,248	2,278,372	2,285,796
1985										
January	77,242	—	49,634	—	67,219	—	7,270	—	201,364	—
February	78,011	—	49,406	—	66,582	—	7,046	—	201,045	—
March	63,981	—	46,629	—	67,437	—	6,875	—	184,922	—
April	56,025	—	45,826	—	68,445	—	7,049	—	177,345	—
May	52,842	—	47,711	—	70,140	—	6,903	—	177,596	—
June	60,652	—	51,521	—	70,091	—	6,848	—	189,112	—
July	70,966	—	56,128	—	69,760	—	7,135	—	203,989	—
August	73,693	—	57,041	—	71,402	—	7,277	—	209,414	—
September	71,064	—	55,960	—	70,744	—	7,263	—	205,030	—
October	57,515	—	49,978	—	69,158	—	6,903	—	183,554	—
November	56,794	—	47,843	—	67,164	—	7,264	—	179,065	—
December	72,192	—	51,289	—	66,383	—	7,243	—	197,107	—
Total	790,977	793,934	608,968	605,989	824,523	836,772	85,075	87,279	2,309,543	2,323,974
1986										
January	82,755	—	53,377	—	65,400	—	7,246	—	208,779	—
February	70,949	—	50,481	—	65,373	—	6,863	—	193,665	—
March	65,318	—	48,256	—	67,018	—	6,837	—	187,430	—
April	56,647	—	47,243	—	66,783	—	6,275	—	176,949	—
May	54,266	—	48,867	—	68,076	—	6,804	—	178,012	—
June	63,986	—	57,121	—	67,973	—	6,872	—	195,953	—
July	80,365	—	61,100	—	68,814	—	7,533	—	217,812	—
August	80,425	—	60,528	—	68,737	—	7,254	—	216,943	—
September	68,543	—	57,711	—	69,396	—	7,156	—	202,807	—
October	62,875	—	53,256	—	69,487	—	7,025	—	192,642	—
November	58,589	—	50,278	—	65,239	—	6,255	—	180,362	—
December	72,945	—	53,250	—	65,995	—	7,290	—	199,480	—
Total	817,663	819,088	641,469	630,520	808,292	830,531	83,409	88,615	2,350,835	2,368,753
1987										
January	82,132	—	54,503	—	65,528	—	7,435	—	209,598	—
February	73,435	—	52,216	—	65,259	—	7,157	—	198,066	—
March	67,370	—	51,259	—	67,803	—	7,021	—	193,453	—
April	60,014	—	49,706	—	67,962	—	6,854	—	184,536	—
May	58,499	—	53,465	—	69,910	—	7,050	—	188,924	—
June	68,859	—	59,265	—	72,365	—	7,308	—	207,798	—
July	83,751	—	64,427	—	73,485	—	7,586	—	229,249	—
August	88,160	—	65,103	—	74,520	—	7,669	—	235,451	—
September	73,439	—	61,269	—	74,419	—	7,280	—	216,407	—
October	60,848	—	55,915	—	73,147	—	7,136	—	197,046	—
November	60,008	—	52,118	—	70,870	—	7,104	—	190,100	—
December	73,099	—	54,462	—	69,999	—	7,254	—	204,814	—
Total	849,613	850,410	673,707	660,433	845,266	858,233	86,854	88,196	2,455,440	2,457,272

See footnotes at end of table.

Table 7.2 Electricity Sales by End-Use Sector, 1973-1992 (Continued)

(Million Kilowatthours)

	Residential		Commercial		Industrial		Other ^a		Total	
	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series	Monthly Series ^b	Annual Series
1988										
January	89,508	-	57,543	-	70,989	-	6,881	-	224,921	-
February	80,232	-	55,468	-	71,750	-	6,797	-	214,247	-
March	71,406	-	53,886	-	72,487	-	6,577	-	204,356	-
April	61,390	-	52,272	-	71,794	-	6,385	-	191,840	-
May	57,569	-	52,911	-	73,782	-	6,438	-	190,700	-
June	68,775	-	60,177	-	76,255	-	6,941	-	212,148	-
July	87,007	-	66,067	-	76,304	-	7,246	-	236,625	-
August	94,207	-	68,374	-	79,611	-	7,370	-	249,561	-
September	77,531	-	63,159	-	77,573	-	7,159	-	225,421	-
October	63,761	-	57,358	-	76,560	-	6,982	-	204,661	-
November	63,629	-	53,889	-	74,147	-	6,654	-	198,319	-
December	77,111	-	56,607	-	74,500	-	6,933	-	215,151	-
Total	892,125	892,866	697,711	699,100	895,751	896,498	82,362	89,598	2,567,949	2,578,062
1989										
January	85,075	-	58,324	-	74,590	-	7,597	-	225,587	-
February	78,158	-	56,433	-	73,175	-	7,190	-	214,956	-
March	77,215	-	57,453	-	74,448	-	7,484	-	216,600	-
April	64,698	-	55,210	-	74,923	-	7,094	-	201,926	-
May	61,108	-	56,428	-	77,119	-	7,278	-	201,933	-
June	71,675	-	62,969	-	79,379	-	7,758	-	221,781	-
July	85,596	-	67,624	-	79,011	-	8,033	-	240,263	-
August	86,143	-	68,187	-	81,240	-	8,046	-	243,615	-
September	78,725	-	65,532	-	79,845	-	7,824	-	231,926	-
October	65,136	-	59,352	-	79,421	-	7,592	-	211,500	-
November	64,844	-	56,716	-	76,788	-	7,394	-	205,742	-
December	85,605	-	61,001	-	76,437	-	7,777	-	230,820	-
Total	903,979	905,525	725,229	725,861	926,376	925,659	91,066	89,765	2,646,651	2,646,809
1990										
January	95,190	-	62,462	-	74,472	-	8,088	-	240,212	-
February	74,343	-	56,905	-	73,891	-	7,643	-	212,781	-
March	71,747	-	57,990	-	76,114	-	7,631	-	213,482	-
April	65,048	-	56,490	-	75,528	-	7,479	-	204,545	-
May	62,731	-	58,936	-	78,021	-	7,914	-	207,602	-
June	73,661	-	64,571	-	79,901	-	8,196	-	226,327	-
July	90,590	-	70,912	-	80,345	-	9,009	-	250,855	-
August	88,257	-	71,103	-	83,232	-	8,764	-	251,356	-
September	85,927	-	69,244	-	80,813	-	8,402	-	244,385	-
October	69,410	-	63,091	-	81,152	-	7,979	-	221,633	-
November	66,282	-	58,657	-	76,909	-	7,428	-	209,276	-
December	78,288	-	60,474	-	76,050	-	7,404	-	222,216	-
Total	921,473	924,019	750,835	751,027	936,428	945,522	95,936	91,988	2,704,672	2,712,555
1991										
January	94,144	-	63,336	-	76,111	-	7,905	-	241,497	-
February	79,676	-	58,582	-	73,715	-	7,424	-	219,397	-
March	74,078	-	58,157	-	74,720	-	7,459	-	214,414	-
April	66,079	-	57,155	-	75,706	-	7,600	-	206,541	-
May	67,450	-	61,434	-	80,236	-	8,378	-	217,498	-
June	81,116	-	67,991	-	80,569	-	8,502	-	238,177	-
July	94,738	-	71,872	-	81,700	-	8,877	-	257,187	-
August	93,127	-	72,360	-	83,974	-	8,986	-	258,447	-
September	84,696	-	69,501	-	81,967	-	8,476	-	244,639	-
October	69,422	-	63,439	-	81,209	-	7,654	-	221,723	-
November	71,114	-	60,133	-	78,176	-	7,463	-	216,886	-
December	82,160	-	61,516	-	76,601	-	7,790	-	228,068	-
Total	957,801	955,417	765,476	765,664	944,684	946,583	96,513	94,339	2,764,474	2,762,003
1992										
January	91,310	-	62,441	-	76,760	-	7,725	-	238,235	-
February	82,022	-	59,876	-	76,312	-	7,507	-	225,717	-
March	73,635	-	59,574	-	78,741	-	7,542	-	219,491	-
April	68,322	-	58,081	-	77,607	-	7,448	-	211,458	-
May	64,662	-	60,559	-	80,191	-	7,767	-	213,179	-
June	70,745	-	65,209	-	82,900	-	7,901	-	226,755	-
July	88,510	-	71,445	-	84,195	-	8,392	-	252,541	-
August	88,251	-	70,844	-	85,013	-	8,327	-	252,435	-
September	79,400	-	68,437	-	83,182	-	8,441	-	239,460	-
October	69,838	-	63,985	-	82,678	-	7,766	-	224,267	-
November	69,970	-	60,131	-	80,421	-	7,462	-	217,984	-
December	87,378	-	63,082	-	77,358	-	7,725	-	235,543	-
Total	934,044	935,939	763,664	761,271	965,356	972,714	94,003	93,442	2,757,067	2,763,365

^a "Other" is public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

^b Annual totals are the sums of the monthly values.

NA=Not available. - =Not applicable.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 7.3 Electric Utility Consumption of Fossil Fuels To Generate Electricity, 1973-1992

	Coal				Petroleum						Natural Gas ^d
	Anthra- cite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	Petroleum Coke	
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c			
					Thousand Short Tons							Thousand Barrels				Thousand Short Tons	Million Cubic Feet
1973											
January	126	33,590	840	34,557	NA	NA	50,195	5,607	55,803	42	224,100
February	101	29,921	875	30,897	NA	NA	42,121	4,878	46,999	34	215,505
March	116	29,785	824	30,725	NA	NA	39,928	2,775	42,703	27	257,568
April	100	28,342	729	29,170	NA	NA	33,431	2,418	35,849	42	269,228
May	126	28,520	983	29,629	NA	NA	35,839	2,249	38,088	54	319,237
June	135	30,811	956	31,902	NA	NA	42,186	4,225	46,410	55	372,999
July	128	33,682	1,011	34,821	NA	NA	46,685	4,649	51,334	49	424,563
August	138	34,888	1,019	36,045	NA	NA	49,367	5,999	55,366	54	420,584
September	111	31,799	882	32,793	NA	NA	44,832	3,375	48,208	38	355,186
October	122	31,678	643	32,443	NA	NA	44,715	3,474	48,189	33	329,418
November	125	31,108	900	32,133	NA	NA	42,821	3,626	46,447	28	253,371
December	114	32,852	1,131	34,098	NA	NA	41,070	3,782	44,852	50	218,411
Total	1,443	376,975	10,794	389,212	NA	NA	513,190	47,058	560,248	507	3,660,172
1974											
January	123	33,210	1,214	34,547	NA	NA	42,397	4,334	46,731	59	220,551
February	108	29,658	1,049	30,815	NA	NA	36,319	4,344	40,662	48	203,255
March	97	30,608	888	31,594	NA	NA	35,232	4,405	39,638	51	255,601
April	111	28,779	757	29,647	NA	NA	32,025	3,933	35,958	36	260,121
May	138	30,699	839	31,676	NA	NA	36,280	4,541	40,821	30	307,547
June	138	30,636	925	31,700	NA	NA	37,271	3,968	41,239	26	347,802
July	128	34,876	1,084	36,089	NA	NA	44,168	6,001	50,168	31	405,425
August	136	34,259	1,136	35,531	NA	NA	44,195	4,800	48,994	32	382,629
September	126	29,992	840	30,958	NA	NA	40,764	3,820	44,583	30	314,007
October	138	31,120	777	32,034	NA	NA	41,380	3,886	45,267	96	299,416
November	116	31,069	935	32,120	NA	NA	44,028	4,536	48,563	98	239,721
December	137	33,737	1,225	35,099	NA	NA	49,087	4,561	53,648	86	207,353
Total	1,498	378,643	11,670	391,811	NA	NA	483,146	53,128	536,274	625	3,443,428
1975											
January	138	34,355	1,339	35,833	NA	NA	48,767	5,281	54,048	11	205,095
February	121	30,780	1,190	32,091	NA	NA	39,818	3,727	43,545	8	188,929
March	110	31,560	1,119	32,789	NA	NA	37,430	2,985	40,415	4	211,184
April	115	29,419	1,009	30,543	NA	NA	34,715	2,323	37,037	4	214,252
May	144	29,271	1,156	30,571	NA	NA	33,723	3,262	36,986	3	275,097
June	129	32,015	1,306	33,451	NA	NA	36,829	4,114	40,943	6	307,901
July	119	34,942	1,499	36,560	NA	NA	40,527	3,886	44,413	7	362,095
August	130	36,332	1,499	37,962	NA	NA	44,597	4,722	49,320	5	360,199
September	119	31,470	1,014	32,603	NA	NA	35,148	1,893	37,041	5	315,877
October	120	31,505	1,223	32,848	NA	NA	36,150	1,881	38,030	5	275,335
November	118	31,597	1,612	33,327	NA	NA	35,758	1,779	37,538	6	227,748
December	117	35,276	1,992	37,385	NA	NA	43,760	3,054	46,814	6	213,957
Total	1,480	388,523	15,960	405,962	NA	NA	467,221	38,907	506,128	70	3,157,669
1976											
January	113	37,786	2,082	39,981	NA	NA	51,157	4,931	56,088	6	206,528
February	97	33,102	1,761	34,959	NA	NA	40,456	2,672	43,128	5	199,441
March	103	34,310	1,679	36,093	NA	NA	41,158	2,797	43,955	6	222,765
April	121	32,269	1,411	33,801	NA	NA	37,685	2,467	40,152	4	227,825
May	128	32,257	1,555	33,940	NA	NA	35,653	2,219	37,871	5	266,631
June	123	34,318	1,934	36,376	NA	NA	40,097	3,542	43,639	5	313,367
July	126	37,582	2,127	39,835	NA	NA	43,262	3,966	47,228	6	337,639
August	131	38,027	2,167	40,324	NA	NA	45,704	3,365	49,070	5	329,731
September	107	34,161	1,623	35,890	NA	NA	38,305	2,466	40,771	5	295,064
October	91	35,221	1,462	36,774	NA	NA	39,120	3,085	42,205	8	249,956
November	94	36,662	2,073	38,830	NA	NA	47,432	4,877	52,309	7	217,272
December	116	39,511	1,942	41,568	NA	NA	54,049	5,456	59,504	7	214,649
Total	1,350	425,205	21,817	448,371	NA	NA	514,077	41,843	555,920	68	3,080,868
1977											
January	127	41,205	1,918	43,250	NA	NA	66,379	9,518	75,896	5	205,074
February	114	35,828	1,718	37,660	NA	NA	47,659	3,150	50,809	5	200,413
March	100	35,420	1,718	37,238	NA	NA	46,171	2,494	48,666	9	231,826
April	120	32,117	1,802	34,039	NA	NA	42,218	2,213	44,431	12	223,081
May	127	34,859	2,165	37,151	NA	NA	44,779	3,846	48,624	8	259,798
June	129	37,626	2,384	40,139	NA	NA	46,249	4,300	50,549	9	310,669
July	123	42,592	2,247	44,962	NA	NA	54,664	7,738	62,402	12	346,639
August	125	41,678	2,354	44,158	NA	NA	51,950	4,641	56,590	11	350,718
September	137	37,872	2,146	40,155	NA	NA	43,297	2,517	45,814	8	324,549
October	108	36,160	2,099	38,367	NA	NA	38,071	1,895	39,966	6	284,788
November	109	36,624	1,976	38,709	NA	NA	40,653	2,464	43,117	6	234,006
December	106	39,069	2,123	41,298	NA	NA	52,780	4,061	56,841	7	219,639
Total	1,425	451,051	24,650	477,126	NA	NA	574,869	48,837	623,705	98	3,191,200

See footnotes at end of table.

Table 7.3 Electric Utility Consumption of Fossil Fuels To Generate Electricity, 1973-1992 (Continued)

	Coal				Petroleum						Natural Gas ^d
	Anthra-cite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	Petroleum Coke	
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c			
					Thousand Short Tons							Thousand Barrels				Thousand Short Tons	Million Cubic Feet
1978											
January	101	40,506	2,101	42,709	NA	NA	61,271	8,257	69,528	10	229,188
February	88	33,556	2,189	35,833	NA	NA	59,636	7,709	67,345	55	211,170
March	100	31,276	2,629	34,005	NA	NA	58,724	5,476	64,200	64	232,199
April	83	32,129	2,406	34,618	NA	NA	40,877	2,152	43,029	39	223,188
May	73	34,902	2,224	37,199	NA	NA	40,244	2,294	42,538	28	260,802
June	91	38,250	2,453	40,794	NA	NA	42,729	3,570	46,299	31	321,423
July	85	40,906	3,127	44,118	NA	NA	47,546	3,570	51,115	32	362,199
August	100	42,643	3,297	46,040	NA	NA	52,637	3,564	56,201	31	340,299
September	86	39,835	2,725	42,646	NA	NA	43,114	3,301	46,415	28	296,982
October	82	37,197	2,574	39,853	NA	NA	42,253	1,824	44,077	25	262,880
November	88	36,982	2,681	39,751	NA	NA	44,516	2,161	46,678	27	228,027
December	87	40,581	3,001	43,669	NA	NA	54,771	3,643	58,414	30	220,005
Total	1,064	448,763	31,407	481,235	NA	NA	588,319	47,520	635,839	398	3,188,363
1979											
January	89	43,791	3,021	46,902	NA	NA	62,226	6,244	68,470	33	228,479
February	75	39,010	2,806	41,891	NA	NA	51,655	4,959	56,615	32	226,896
March	65	38,865	2,852	41,781	NA	NA	36,371	1,872	38,243	22	260,351
April	66	36,362	2,551	38,979	NA	NA	33,800	1,682	35,482	15	260,974
May	106	38,669	2,757	41,532	NA	NA	35,285	2,053	37,338	23	277,318
June	103	40,882	3,023	44,008	NA	NA	39,258	2,314	41,572	25	320,196
July	96	44,391	3,730	48,216	NA	NA	41,895	2,413	44,308	23	369,318
August	97	44,553	3,899	48,549	NA	NA	42,478	2,416	44,894	23	375,370
September	86	38,920	3,162	42,167	NA	NA	36,768	1,747	38,516	17	338,308
October	75	39,634	3,261	42,970	NA	NA	33,445	1,132	34,577	16	323,082
November	92	39,571	3,317	42,980	NA	NA	37,822	1,954	39,775	18	260,982
December	96	43,480	3,499	47,075	NA	NA	41,601	1,906	43,507	20	249,249
Total	1,046	488,129	37,876	527,051	NA	NA	492,606	30,691	523,297	268	3,490,523
1980											
January	74	46,518	3,779	50,371	39,689	3,203	40,695	2,197	42,892	54	276,743
February	72	43,969	3,471	47,512	39,382	2,768	40,231	1,919	42,150	21	263,771
March	83	43,244	3,357	46,685	32,589	2,196	33,406	1,379	34,785	13	283,945
April	71	37,971	2,651	40,692	26,178	1,362	26,867	673	27,540	7	256,606
May	86	38,116	3,262	41,464	26,307	1,524	26,991	840	27,831	11	281,886
June	89	42,073	3,658	45,821	28,739	1,951	29,551	1,138	30,690	11	336,894
July	93	49,815	3,746	53,655	36,260	3,828	37,297	2,791	40,088	11	420,339
August	80	49,077	4,057	53,214	38,836	4,016	40,019	2,833	42,852	15	405,343
September	84	44,487	3,342	47,913	28,505	2,149	29,367	1,286	30,654	11	357,286
October	73	41,819	3,200	45,092	25,530	1,428	26,269	689	26,958	8	301,266
November	56	42,379	3,263	45,698	31,792	2,310	32,782	1,320	34,103	7	255,559
December	89	47,212	3,856	51,157	37,357	2,316	38,387	1,285	39,672	9	241,957
Total	951	526,680	41,642	569,274	391,163	29,051	401,863	18,351	420,214	179	3,681,595
1981											
January	81	50,635	3,972	54,688	40,885	3,047	41,904	2,027	43,931	10	231,606
February	58	44,583	3,272	47,914	27,755	2,242	28,948	1,049	29,997	9	224,003
March	75	45,168	3,155	48,398	27,862	1,405	28,492	775	29,267	9	273,431
April	73	40,535	3,069	43,677	24,229	1,356	25,028	557	25,585	7	289,053
May	91	41,405	3,503	44,999	23,130	1,795	23,958	967	24,925	14	316,310
June	105	46,503	3,471	50,080	29,699	2,705	30,673	1,731	32,404	13	380,775
July	102	51,705	4,337	56,144	31,628	2,615	32,577	1,666	34,243	11	410,666
August	133	50,010	4,339	54,483	25,760	1,422	26,598	584	27,182	13	389,564
September	98	44,557	3,828	48,483	25,137	1,145	25,762	520	26,282	13	324,828
October	115	44,161	3,524	47,800	26,078	1,123	26,646	556	27,201	15	301,670
November	141	43,032	3,841	47,014	22,042	1,139	22,749	432	23,181	12	258,811
December	148	48,487	4,481	53,116	25,593	1,319	26,345	567	26,912	12	239,436
Total	1,221	550,784	44,792	596,797	329,798	21,313	339,680	11,431	351,111	139	3,640,154
1982											
January	89	52,014	4,723	56,825	32,269	3,131	33,832	1,567	35,399	10	237,675
February	83	44,478	4,317	48,878	24,351	1,421	25,249	524	25,772	9	220,032
March	73	43,751	4,060	47,884	21,617	1,304	22,371	550	22,921	4	246,550
April	88	39,888	3,515	43,490	17,913	1,132	18,553	492	19,045	11	246,344
May	98	41,845	3,678	45,622	15,939	991	16,614	316	16,930	12	257,848
June	94	43,340	3,990	47,424	16,539	1,053	17,241	351	17,592	13	295,557
July	108	50,769	4,371	55,248	21,550	1,360	22,192	718	22,910	11	352,818
August	95	50,283	4,460	54,838	18,873	1,053	19,508	418	19,926	13	361,351
September	67	44,431	3,916	48,414	16,544	921	17,146	318	17,464	9	293,232
October	81	42,598	3,650	46,330	15,990	870	16,547	313	16,860	17	273,003
November	100	43,756	3,943	47,799	14,908	1,007	15,591	325	15,916	18	226,477
December	99	46,192	4,622	50,914	17,940	1,094	18,694	341	19,035	22	214,630
Total	1,075	543,346	49,245	593,666	234,434	15,337	243,537	6,234	249,771	149	3,225,518

See footnotes at end of table.

Table 7.3 Electric Utility Consumption of Fossil Fuels To Generate Electricity, 1973-1992 (Continued)

	Coal				Petroleum						Natural Gas ^d
	Anthra-cite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	Petroleum Coke	
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c			
	Thousand Short Tons				Thousand Barrels							Thousand Short Tons	Million Cubic Feet
1983											
January	73	48,695	4,583	53,351	20,728	1,110	21,373	465	21,838	17	208,341
February	73	41,668	4,032	45,772	20,305	984	20,885	404	21,289	19	176,965
March	75	43,165	3,870	47,110	20,174	945	20,728	392	21,119	16	208,013
April	92	39,716	3,781	43,589	16,374	1,054	16,997	432	17,429	24	202,917
May	104	41,002	4,585	45,691	14,360	937	14,968	330	15,297	30	218,184
June	88	45,560	4,690	50,338	17,892	1,020	18,437	475	18,912	23	247,825
July	89	55,082	5,219	60,390	23,383	1,433	23,927	888	24,815	25	314,357
August	92	58,475	5,200	63,767	23,622	1,543	24,166	999	25,165	24	352,031
September	86	49,745	4,381	54,212	18,021	1,507	18,532	996	19,529	25	298,517
October	91	46,263	4,335	50,689	15,993	870	16,518	345	16,863	22	251,151
November	86	46,883	4,216	51,185	14,690	1,075	15,336	430	15,766	17	214,275
December	88	53,854	5,176	59,117	23,440	4,034	25,978	1,496	27,474	21	218,191
Total	1,036	570,108	54,067	625,211	228,984	16,512	237,845	7,652	245,497	261	2,910,767
1984											
January	98	55,142	4,985	60,225	24,745	2,176	25,838	1,082	26,921	24	215,027
February	75	47,279	4,904	52,257	16,091	1,018	16,662	447	17,108	21	187,259
March	69	49,921	4,543	54,534	17,274	1,016	17,881	410	18,290	18	206,171
April	83	43,779	3,703	47,565	11,971	831	12,495	306	12,802	22	220,005
May	99	45,115	4,294	49,507	13,327	1,010	13,896	441	14,337	23	264,522
June	102	51,757	5,112	56,971	17,363	1,927	17,997	1,293	19,289	23	297,560
July	100	54,928	5,331	60,359	16,453	1,259	17,085	627	17,712	22	348,848
August	97	58,026	5,273	63,396	20,337	1,522	20,957	902	21,859	20	349,878
September	81	49,288	4,675	54,045	12,235	996	12,795	436	13,231	21	290,595
October	83	50,091	4,578	54,753	12,450	965	13,019	396	13,415	19	269,629
November	91	49,595	4,543	54,229	14,543	1,326	15,177	692	15,870	17	244,637
December	93	51,418	5,050	56,560	12,499	1,146	13,247	398	13,645	20	217,210
Total	1,070	606,339	56,990	664,399	189,289	15,190	197,050	7,429	204,479	252	3,111,342
1985											
January	88	58,155	5,402	63,645	18,574	2,482	19,846	1,210	21,056	18	226,276
February	70	50,481	4,940	55,491	14,729	1,333	15,595	467	16,062	17	202,546
March	78	49,793	4,913	54,784	11,323	980	11,966	337	12,303	16	207,286
April	92	47,072	3,738	50,903	9,561	911	10,133	338	10,471	16	233,819
May	98	49,890	4,607	54,595	11,046	962	11,604	403	12,008	13	236,220
June	90	51,984	5,561	57,634	12,005	1,111	12,516	601	13,116	21	281,939
July	92	58,327	5,833	64,252	13,238	1,109	13,840	507	14,347	20	336,535
August	96	57,304	5,676	63,076	15,730	1,338	16,272	795	17,067	19	354,653
September	74	52,031	4,675	56,780	11,994	979	12,485	488	12,972	24	274,868
October	85	50,265	4,619	54,969	12,060	969	12,646	383	13,029	23	249,579
November	83	49,315	4,913	54,311	10,925	1,021	11,584	362	11,946	23	229,943
December	86	57,270	6,046	63,402	17,595	1,440	18,355	680	19,035	20	210,417
Total	1,033	631,885	60,923	693,841	158,779	14,635	166,842	6,572	173,414	231	3,044,083
1986											
January	67	57,525	6,442	64,034	17,254	1,688	17,915	1,027	18,942	15	184,024
February	50	49,711	5,289	55,050	14,978	1,100	15,536	541	16,077	15	157,070
March	88	48,737	5,073	53,898	16,090	928	16,585	433	17,018	23	169,697
April	84	43,391	4,639	48,114	14,538	893	14,982	449	15,431	23	198,143
May	68	46,629	4,723	51,420	16,386	1,209	16,933	662	17,595	25	231,041
June	64	53,332	5,496	58,892	18,173	1,390	18,796	768	19,564	24	260,163
July	67	61,669	6,285	68,021	25,839	1,727	26,373	1,193	27,567	26	300,870
August	64	55,331	6,314	61,709	24,633	1,150	25,104	678	25,782	31	276,163
September	47	50,574	5,916	56,536	17,102	1,107	17,500	709	18,209	31	246,674
October	57	48,151	5,907	54,116	15,714	869	16,194	390	16,584	26	216,738
November	84	48,451	5,623	54,158	16,656	1,076	17,171	561	17,731	34	186,605
December	88	52,634	6,386	59,108	18,794	1,189	19,410	572	19,983	38	175,181
Total	829	616,134	68,093	685,056	216,156	14,326	222,500	7,983	230,482	313	2,602,370
1987											
January	68	55,682	6,664	62,414	19,069	1,317	19,718	668	20,386	28	184,722
February	75	48,243	5,397	53,715	16,510	1,149	17,004	655	17,658	29	158,341
March	79	49,428	5,140	54,647	15,741	1,227	16,335	633	16,968	28	190,893
April	75	47,153	4,207	51,435	12,297	1,033	12,873	457	13,330	23	206,438
May	91	51,415	4,977	56,484	12,420	1,183	13,017	586	13,603	31	242,615
June	100	57,307	6,093	63,500	16,384	1,407	16,976	814	17,790	26	283,554
July	105	64,203	6,428	70,736	19,193	2,075	19,754	1,513	21,268	28	319,239
August	95	63,456	6,524	70,075	17,470	1,648	17,948	1,170	19,118	31	338,646
September	72	53,338	5,850	59,259	12,015	924	12,441	498	12,939	31	268,080
October	66	51,572	5,479	57,117	10,538	891	11,108	321	11,429	35	238,185
November	60	50,095	5,805	55,961	14,995	1,307	15,651	651	16,302	27	216,781
December	85	55,930	6,535	62,551	17,380	1,207	17,994	593	18,587	30	196,556
Total	972	647,824	69,098	717,894	184,011	15,367	190,818	8,560	199,378	348	2,844,051

See footnotes at end of table.

Table 7.3 Electric Utility Consumption of Fossil Fuels To Generate Electricity, 1973-1992 (Continued)

	Coal				Petroleum					Petroleum Coke	Natural Gas ^d
	Anthracite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids		
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c			
					Thousand Short Tons							Thousand Barrels				Thousand Short Tons	Million Cubic Feet
1988											
January	77	60,602	7,171	67,850	24,801	2,299	25,545	1,556	27,101	24	167,607
February	85	55,053	6,263	61,401	18,382	1,137	18,951	567	19,518	27	169,688
March	92	52,891	5,775	58,758	15,014	1,045	15,586	473	16,058	36	204,042
April	87	48,791	5,258	54,135	11,632	805	12,113	325	12,438	33	199,394
May	88	50,595	5,847	56,529	11,024	998	11,615	407	12,022	33	239,871
June	74	58,495	6,774	65,343	14,783	1,857	15,332	1,308	16,640	42	280,490
July	99	64,340	7,309	71,749	21,638	1,943	22,168	1,413	23,581	47	328,088
August	106	67,991	7,156	75,253	24,097	3,207	24,592	2,712	27,304	41	344,214
September	86	54,936	6,519	61,540	15,594	1,004	16,057	542	16,598	31	232,665
October	83	53,316	6,162	59,561	20,780	1,100	21,278	602	21,880	30	181,673
November	80	53,879	5,346	59,305	23,198	1,202	23,686	714	24,400	31	150,432
December	108	60,159	6,681	66,948	28,383	2,173	28,894	1,661	30,556	36	137,449
Total	1,063	681,048	76,260	758,372	229,327	18,769	235,817	12,279	248,096	409	2,635,613
1989											
January	98	59,707	6,962	66,767	23,425	2,055	24,273	1,206	25,479	47	147,141
February	75	56,764	5,945	62,784	27,056	2,427	27,981	1,502	29,483	33	172,379
March	82	55,937	5,986	62,005	25,133	2,691	25,900	1,924	27,824	35	211,095
April	96	50,259	5,789	56,144	18,144	1,045	18,652	538	19,190	38	234,726
May	98	52,420	6,009	58,527	15,448	1,522	16,014	957	16,970	36	250,555
June	75	56,841	6,719	63,635	19,253	2,070	19,832	1,490	21,322	38	259,941
July	97	62,322	7,302	69,720	18,643	2,180	19,233	1,590	20,822	58	319,709
August	95	63,278	7,121	70,493	17,133	1,530	17,623	1,040	18,663	58	309,597
September	81	56,533	6,295	62,910	15,642	1,526	16,126	1,041	17,168	54	267,545
October	87	54,775	5,699	60,561	12,807	1,180	13,334	653	13,987	39	254,074
November	85	54,628	6,294	61,006	17,762	1,484	18,371	875	19,247	33	188,924
December	81	65,040	7,215	72,336	31,514	5,781	32,975	4,320	37,295	50	171,326
Total	1,049	688,504	77,335	766,888	241,960	25,491	250,315	17,136	267,451	517	2,787,012
1990											
January	92	59,129	7,220	66,441	18,291	1,237	18,900	628	19,528	40	145,649
February	85	51,715	6,313	58,112	14,769	974	15,194	549	15,743	62	131,592
March	91	54,693	6,101	60,885	16,068	916	16,541	442	16,984	62	183,983
April	81	52,480	5,376	57,937	15,882	1,035	16,364	554	16,917	61	198,994
May	90	53,182	5,988	59,260	14,586	1,146	15,113	619	15,732	77	243,781
June	90	58,357	6,892	65,340	20,619	1,555	21,145	1,028	22,174	66	297,036
July	96	64,272	7,183	71,551	20,041	1,615	20,514	1,141	21,655	74	326,087
August	93	65,696	7,317	73,106	16,715	1,618	17,212	1,121	18,333	72	342,965
September	84	60,461	6,455	67,001	12,037	1,318	12,491	863	13,354	79	300,858
October	82	58,118	6,181	64,381	10,772	1,186	11,272	686	11,958	86	256,797
November	71	54,927	6,043	61,041	9,473	910	9,998	385	10,383	61	184,695
December	75	61,287	7,132	68,493	11,979	1,313	12,785	507	13,292	78	174,893
Total	1,031	694,317	78,201	773,549	181,231	14,823	187,531	8,523	196,054	819	2,787,332
1991											
January	74	63,779	7,553	71,406	14,264	1,187	14,911	541	15,452	74	173,138
February	68	52,090	6,456	58,614	13,595	804	14,021	377	14,398	57	146,266
March	93	52,924	6,255	59,272	13,513	828	13,999	341	14,340	73	192,899
April	92	50,131	5,219	55,443	12,142	1,019	12,641	519	13,161	72	215,659
May	73	55,229	5,926	61,228	16,312	1,814	16,919	1,208	18,126	66	249,454
June	72	58,455	7,290	65,817	17,325	1,122	17,845	602	18,447	50	260,153
July	101	64,202	7,548	71,852	17,289	1,218	17,737	770	18,507	61	329,861
August	90	64,280	7,514	71,884	18,041	1,380	18,500	921	19,421	56	327,621
September	90	57,474	6,833	64,397	13,209	1,165	13,634	740	14,374	52	262,825
October	86	55,586	6,212	61,883	9,791	902	10,289	403	10,693	50	263,376
November	79	57,662	6,073	63,814	12,020	1,146	12,575	591	13,166	52	197,831
December	77	59,462	7,120	66,659	13,656	1,143	14,214	586	14,800	59	169,931
Total	994	691,275	79,999	772,268	171,157	13,729	177,286	7,600	184,886	722	2,789,014
1992											
January	80	60,881	7,304	68,264	15,811	1,103	16,332	582	16,915	71	169,125
February	80	53,687	6,415	60,183	12,730	806	13,093	444	13,536	76	170,293
March	93	56,243	6,368	62,705	13,492	843	13,932	404	14,336	83	207,656
April	73	53,314	5,407	58,794	9,929	811	10,335	404	10,740	66	229,012
May	69	54,664	5,858	60,591	7,910	843	8,385	367	8,752	50	236,316
June	84	57,179	6,859	64,122	11,372	1,077	11,881	568	12,449	66	265,882
July	90	66,318	7,407	73,815	12,939	1,428	13,392	974	14,367	72	333,567
August	84	62,937	7,616	70,637	10,607	1,011	11,067	551	11,619	116	302,544
September	83	58,899	6,985	65,967	10,456	849	10,820	485	11,305	98	273,670
October	85	56,366	6,356	62,806	10,454	792	10,867	379	11,246	103	212,640
November	74	56,186	6,352	62,612	10,330	1,004	10,803	531	11,333	93	189,296
December	93	61,951	7,321	69,365	9,749	989	10,256	482	10,737	105	175,608
Total	986	698,626	80,248	779,860	135,779	11,556	141,163	6,172	147,335	999	2,765,608

^a Heavy oil includes fuel oil nos. 4, 5, and 6, and residual fuel oils.
^b Light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.
^c GT/IC = Gas turbine and internal combustion plants.
^d Includes supplemental gaseous fuels.
 NA=Not available.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 7.4 Electric Utility Stocks of Coal and Petroleum, End of Period, 1973-1992

	Coal				Petroleum					
	Anthracite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	Petroleum Coke
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c		
	Thousand Short Tons				Thousand Barrels					
Thousand Short Tons										
1973										
January	852	93,006	886	94,744	NA	NA	48,756	4,469	53,225	284
February	841	90,988	894	92,724	NA	NA	46,020	4,827	50,848	279
March	866	91,994	852	93,712	NA	NA	49,265	5,595	54,861	285
April	915	92,921	879	94,714	NA	NA	59,439	5,660	65,099	285
May	937	96,652	871	98,460	NA	NA	57,960	6,335	64,295	272
June	939	95,991	826	97,756	NA	NA	62,460	6,464	68,923	270
July	960	90,197	783	91,940	NA	NA	62,470	6,517	68,987	280
August	1,026	89,507	839	91,372	NA	NA	66,166	6,837	73,003	283
September	1,053	88,142	849	90,044	NA	NA	69,514	8,107	77,621	298
October	1,080	89,289	987	91,357	NA	NA	72,386	9,172	81,557	311
November	1,087	88,902	978	90,967	NA	NA	77,761	9,756	87,517	318
December	1,066	84,941	961	86,967	NA	NA	79,121	10,095	89,216	312
1974										
January	1,027	80,514	673	82,214	NA	NA	79,188	10,298	89,486	335
February	989	79,691	714	81,394	NA	NA	80,890	10,786	91,676	340
March	1,007	84,136	688	85,832	NA	NA	83,035	10,870	93,905	347
April	1,000	88,949	742	90,691	NA	NA	86,594	11,482	98,077	346
May	964	93,599	729	95,292	NA	NA	87,331	12,283	99,614	333
June	931	93,954	702	95,586	NA	NA	89,431	12,986	102,416	332
July	933	89,630	663	91,227	NA	NA	92,976	12,684	105,660	321
August	919	87,670	604	89,194	NA	NA	96,182	13,519	109,701	312
September	906	91,129	674	92,709	NA	NA	98,130	15,332	113,462	291
October	907	98,600	829	100,336	NA	NA	102,818	15,237	118,055	200
November	925	92,300	855	94,079	NA	NA	102,503	14,911	117,414	110
December	930	81,712	867	83,509	NA	NA	97,718	15,199	112,917	35
1975										
January	920	80,425	714	82,059	NA	NA	96,045	15,251	111,295	29
February	915	79,496	534	80,945	NA	NA	96,144	15,360	111,504	27
March	946	80,522	389	81,857	NA	NA	97,858	15,786	113,644	28
April	937	85,587	281	86,805	NA	NA	98,542	15,757	114,299	27
May	968	92,384	487	93,840	NA	NA	101,999	15,232	117,231	30
June	952	96,342	704	97,998	NA	NA	103,756	15,181	118,937	33
July	985	92,348	911	94,244	NA	NA	105,863	15,377	121,240	34
August	1,003	92,063	1,114	94,180	NA	NA	105,423	15,243	120,666	34
September	1,006	95,750	1,306	98,063	NA	NA	110,148	16,212	126,360	33
October	1,030	102,892	1,462	105,384	NA	NA	112,566	16,317	128,883	33
November	1,008	107,709	1,630	110,346	NA	NA	113,701	16,642	130,343	32
December	982	107,927	1,815	110,724	NA	NA	108,825	16,432	125,257	31
1976										
January	967	102,709	1,818	105,494	NA	NA	102,457	15,488	117,945	25
February	961	102,137	1,752	104,850	NA	NA	102,583	16,270	118,853	24
March	974	105,696	1,757	108,426	NA	NA	104,518	16,032	120,550	24
April	981	109,793	2,063	112,838	NA	NA	104,159	16,228	120,388	24
May	997	116,480	2,111	119,588	NA	NA	109,542	16,551	126,093	23
June	1,005	119,839	2,181	123,025	NA	NA	110,047	16,223	126,269	23
July	1,027	111,989	2,165	115,181	NA	NA	111,202	15,477	126,679	23
August	1,021	107,600	2,108	110,728	NA	NA	110,181	15,637	125,818	23
September	1,036	112,153	2,187	115,375	NA	NA	113,258	16,742	130,000	23
October	1,062	115,281	2,222	118,565	NA	NA	114,726	16,638	131,364	26
November	1,042	116,015	2,208	119,266	NA	NA	111,387	15,239	126,627	32
December	1,000	114,130	2,306	117,436	NA	NA	106,993	14,703	121,696	32
1977										
January	2,232	101,730	2,189	106,151	NA	NA	90,104	12,740	102,844	32
February	2,190	98,923	2,162	103,275	NA	NA	95,934	14,098	110,031	32
March	2,207	105,216	2,166	109,589	NA	NA	98,147	15,478	113,625	29
April	2,209	111,326	2,352	115,888	NA	NA	101,631	15,817	117,448	25
May	2,230	118,084	2,489	122,803	NA	NA	103,884	15,826	119,710	25
June	2,258	124,081	2,424	128,763	NA	NA	107,715	15,615	123,330	30
July	2,169	118,763	2,419	123,352	NA	NA	113,033	15,998	129,031	37
August	2,310	119,018	2,470	123,798	NA	NA	119,381	17,062	136,443	41
September	2,290	125,358	2,665	130,313	NA	NA	124,865	17,832	142,697	42
October	2,310	134,422	2,901	139,634	NA	NA	127,957	19,096	147,053	44
November	2,325	144,365	2,966	149,656	NA	NA	129,206	19,079	148,285	46
December	2,321	128,210	2,688	133,219	NA	NA	124,750	19,281	144,031	44

See footnotes at end of table.

**Table 7.4 Electric Utility Stocks of Coal and Petroleum, End of Period, 1973-1992
(Continued)**

	Coal				Petroleum					
	Anthracite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	Petroleum Coke
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c		
Thousand Short Tons				Thousand Barrels						Thousand Short Tons
1978										
January	2,280	100,550	2,418	105,248	NA	NA	114,175	16,240	130,415	40
February	2,112	80,094	2,349	84,555	NA	NA	111,158	17,044	128,202	197
March	2,091	72,369	2,556	77,016	NA	NA	112,328	17,270	129,598	182
April	2,083	83,285	2,612	87,980	NA	NA	116,086	17,386	133,472	164
May	2,145	95,701	2,782	100,628	NA	NA	118,941	16,973	135,914	167
June	2,215	105,613	2,923	110,752	NA	NA	120,187	17,581	137,768	167
July	2,241	104,609	2,849	109,699	NA	NA	121,510	17,559	139,069	176
August	2,208	106,918	3,140	112,266	NA	NA	119,359	17,380	136,739	173
September	2,224	109,751	3,187	115,162	NA	NA	121,116	17,538	138,654	181
October	2,220	115,946	3,431	121,597	NA	NA	117,682	17,355	135,037	189
November	2,199	124,061	3,118	129,379	NA	NA	112,220	17,231	129,451	199
December	2,178	123,020	3,027	128,225	NA	NA	102,402	16,386	118,788	198
1979										
January	2,154	114,980	2,814	119,948	NA	NA	89,583	15,635	105,219	181
February	2,136	109,532	2,726	114,394	NA	NA	82,078	15,541	97,619	166
March	2,170	113,669	2,704	118,542	NA	NA	96,033	16,386	112,419	170
April	2,220	120,876	2,680	125,776	NA	NA	99,500	16,835	116,334	170
May	2,231	128,962	2,600	133,793	NA	NA	106,017	16,974	122,992	159
June	2,233	131,898	2,495	136,627	NA	NA	104,513	17,180	121,693	150
July	2,290	126,328	2,478	131,095	NA	NA	104,170	17,578	121,748	160
August	2,328	128,760	3,170	134,257	NA	NA	103,965	17,910	121,875	163
September	2,385	133,605	3,139	139,129	NA	NA	104,857	18,733	123,590	164
October	2,452	144,035	3,462	149,949	NA	NA	109,590	19,410	129,000	170
November	2,496	151,848	3,393	157,737	NA	NA	111,072	19,714	130,786	170
December	3,274	152,981	3,459	159,714	NA	NA	111,121	20,301	131,422	183
1980										
January	3,371	151,891	3,455	158,717	^R 101,872	^R 32,038	114,313	19,597	133,909	175
February	3,451	150,151	3,522	157,124	^R 99,267	^R 31,142	111,353	19,055	130,409	168
March	3,488	151,022	3,116	157,625	^R 104,096	^R 31,084	116,246	18,933	135,180	154
April	3,533	158,441	3,843	165,817	106,399	31,626	118,824	19,201	138,025	103
May	3,725	166,325	3,980	174,029	111,201	31,328	123,043	19,485	142,529	69
June	3,838	171,042	4,079	178,959	112,527	30,923	124,177	19,273	143,450	65
July	3,955	161,159	3,691	168,806	109,844	30,432	121,596	18,680	140,276	65
August	4,098	163,756	4,036	171,891	106,468	30,196	118,514	18,150	136,664	63
September	4,291	166,515	4,262	175,067	110,140	30,164	122,240	18,064	140,304	61
October	4,481	173,411	4,153	182,045	112,311	30,133	124,046	18,398	142,445	60
November	4,661	175,489	3,983	184,133	108,137	29,778	119,863	18,051	137,915	53
December	4,741	174,154	4,115	183,010	105,351	30,023	117,227	18,147	135,374	52
1981										
January	4,824	167,884	4,267	176,975	99,196	29,535	110,533	18,199	128,732	51
February	4,859	166,552	4,304	175,715	101,867	28,328	112,879	17,315	130,195	52
March	4,951	174,554	4,478	183,983	100,178	28,732	111,490	17,421	128,911	52
April	5,035	159,645	4,541	169,221	97,629	29,024	109,455	17,197	126,652	51
May	5,008	143,500	4,907	153,415	101,574	27,671	112,172	17,073	129,245	52
June	5,081	134,321	5,119	144,520	99,398	28,547	109,988	17,957	127,945	49
July	5,269	129,684	5,171	140,124	99,603	27,728	110,476	16,856	127,332	48
August	5,337	132,072	4,909	142,318	103,104	27,714	114,016	16,801	130,817	47
September	5,428	138,808	5,290	149,526	102,104	27,403	112,992	16,515	129,506	46
October	5,512	148,952	5,213	159,676	100,008	27,055	110,900	16,164	127,063	44
November	5,548	156,360	5,094	167,002	100,301	26,715	110,939	16,077	127,016	43
December	5,537	158,258	5,098	168,893	102,042	26,094	112,380	15,756	128,136	42
1982										
January	5,437	148,404	4,628	158,469	94,609	26,162	105,475	15,296	120,771	39
February	5,401	148,118	4,617	158,136	92,622	25,418	102,883	15,157	118,040	40
March	5,488	154,724	4,305	164,518	97,706	25,136	108,142	14,699	122,842	43
April	5,542	161,720	4,128	171,390	95,984	24,636	106,143	14,477	120,620	42
May	5,569	167,805	4,088	177,461	96,607	24,796	106,701	14,702	121,403	41
June	5,603	172,819	4,092	182,513	97,959	24,647	108,189	14,417	122,606	43
July	5,658	164,688	4,157	174,503	96,085	25,008	106,170	14,923	121,093	43
August	5,791	165,182	4,221	175,194	96,345	24,193	106,438	14,100	120,538	42
September	5,896	165,065	4,264	175,225	98,160	24,225	108,177	14,208	122,385	47
October	5,992	170,281	4,298	180,571	96,920	23,595	106,701	13,813	120,515	36
November	6,060	171,832	4,476	182,368	96,618	23,553	106,361	13,809	120,171	42
December	6,080	170,480	4,573	181,132	95,515	23,369	105,287	13,597	118,884	41

See footnotes at end of table.

**Table 7.4 Electric Utility Stocks of Coal and Petroleum, End of Period, 1973-1992
(Continued)**

	Coal				Petroleum					
	Anthracite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	Petroleum Coke
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c		
					Thousand Short Tons					
1983										
January	6,107	168,287	4,210	178,604	91,523	23,183	101,394	13,312	114,706	54
February	6,104	168,635	4,362	179,101	85,847	22,665	95,459	13,053	108,512	53
March	6,143	170,327	4,201	180,671	81,957	22,387	91,594	12,750	104,344	54
April	6,120	170,815	4,436	181,371	81,243	21,967	90,667	12,544	103,211	47
May	6,145	173,969	4,453	184,567	82,091	21,758	91,360	12,489	103,849	44
June	6,230	173,483	4,524	184,236	80,197	21,471	89,283	12,384	101,667	52
July	6,299	158,701	3,566	168,566	76,881	21,101	85,891	12,091	97,982	50
August	6,380	152,140	4,038	162,557	73,266	20,763	82,307	11,722	94,029	45
September	6,435	150,778	4,171	161,384	74,560	20,696	83,511	11,745	95,256	47
October	6,506	156,012	4,056	166,574	75,949	20,568	84,873	11,644	96,517	53
November	6,531	155,931	3,995	166,457	75,930	20,271	84,804	11,397	96,201	63
December	6,507	145,250	3,841	155,598	70,573	18,801	78,285	11,090	89,375	55
1984										
January	6,500	139,026	3,877	149,403	68,679	19,369	76,756	11,292	88,048	43
February	6,510	143,731	5,352	155,593	72,339	19,227	80,404	11,163	91,566	41
March	6,519	147,756	5,500	159,775	69,984	19,058	78,014	11,028	89,042	45
April	6,515	153,300	5,777	165,592	68,771	18,849	76,721	10,899	87,620	47
May	6,532	161,067	5,573	173,171	69,890	18,695	77,699	10,886	88,584	51
June	6,541	162,426	5,188	174,155	68,098	19,807	76,126	11,780	87,906	51
July	6,530	159,683	4,883	171,095	67,856	18,840	75,788	10,908	86,696	50
August	6,583	164,987	5,358	176,928	66,836	18,795	74,832	10,799	85,632	47
September	6,628	170,987	5,536	183,151	67,370	18,921	75,588	10,703	86,291	49
October	6,674	172,553	5,552	184,779	66,717	18,965	74,906	10,775	85,682	49
November	6,715	169,788	5,627	182,130	65,548	18,875	73,833	10,590	84,423	43
December	6,710	167,118	5,899	179,727	68,503	19,116	76,836	10,784	87,619	50
1985										
January	6,719	155,067	5,806	167,592	63,546	18,518	71,528	10,536	82,064	57
February	6,736	150,077	5,717	162,531	62,094	18,088	70,088	10,094	80,182	50
March	6,782	153,739	5,834	166,355	62,558	17,837	70,385	10,010	80,395	43
April	6,836	158,218	6,641	171,695	60,889	17,398	68,651	9,636	78,286	31
May	6,905	160,326	6,967	174,198	60,530	17,236	68,249	9,516	77,765	33
June	6,991	160,595	6,959	174,545	59,629	17,218	67,529	9,317	76,846	33
July	7,045	151,809	7,049	165,903	60,116	17,034	67,816	9,334	77,151	43
August	7,109	148,698	7,018	162,825	57,820	16,699	65,307	9,212	74,519	42
September	7,185	148,637	7,243	163,065	56,487	16,442	63,701	9,229	72,930	40
October	7,258	151,999	7,492	166,749	56,676	16,292	63,908	9,059	72,968	43
November	7,223	149,579	7,272	164,075	58,720	16,250	66,103	8,867	74,970	47
December	7,189	142,144	7,043	156,376	57,304	16,386	64,704	8,985	73,689	49
1986										
January	7,182	138,077	6,819	152,078	55,797	16,147	63,043	8,901	71,943	52
February	7,172	136,944	7,042	151,157	56,956	16,020	64,134	8,842	72,976	50
March	7,146	140,023	7,246	154,415	55,649	15,821	62,671	8,799	71,470	36
April	7,127	146,639	7,310	161,076	54,556	15,793	61,758	8,591	70,350	28
May	7,133	150,164	7,370	164,667	55,665	15,764	63,010	8,419	71,429	34
June	7,148	148,686	7,075	162,909	57,611	16,319	65,115	8,816	73,930	36
July	7,158	135,630	7,016	149,803	55,023	16,145	62,322	8,845	71,168	43
August	7,117	135,542	6,504	149,163	56,964	16,221	64,167	9,018	73,185	42
September	7,146	138,396	6,403	151,945	57,474	16,686	65,183	8,976	74,160	45
October	7,158	143,855	6,189	157,202	56,148	17,009	63,937	9,220	73,157	41
November	7,119	147,597	6,191	160,908	53,000	16,575	60,527	9,048	69,575	42
December	7,099	148,665	6,042	161,806	56,841	16,269	64,258	8,853	73,111	40
1987										
January	7,091	144,044	5,926	157,061	53,789	16,365	61,042	9,111	70,153	35
February	7,087	145,206	6,030	158,322	52,847	16,085	59,907	9,025	68,932	34
March	7,098	148,020	6,530	161,648	50,035	15,946	57,052	8,929	65,981	41
April	7,103	151,205	6,795	165,103	51,201	15,970	58,250	8,921	67,171	35
May	7,098	151,329	7,255	165,683	50,221	16,006	57,521	8,706	66,227	43
June	7,098	149,394	6,868	163,361	48,047	15,822	55,063	8,806	63,869	55
July	7,102	136,385	6,729	150,217	49,123	15,819	56,236	8,706	64,942	64
August	7,083	132,535	6,488	146,106	50,451	16,038	57,748	8,741	66,489	57
September	7,068	138,490	6,403	151,961	51,858	16,029	58,902	8,984	67,887	48
October	7,070	147,034	6,838	160,942	53,175	16,081	60,138	9,117	69,256	60
November	6,963	154,545	6,767	168,274	53,160	15,704	59,873	8,991	68,864	63
December	6,940	156,670	7,187	170,797	55,069	15,759	61,705	9,123	70,827	51

See footnotes at end of table.

**Table 7.4 Electric Utility Stocks of Coal and Petroleum, End of Period, 1973-1992
(Continued)**

	Coal				Petroleum					Petroleum Coke
	Anthracite	Bituminous Coal	Lignite	Total	By Type of Petroleum		By Prime Mover Type		Total Liquids	
					Heavy Oil ^a	Light Oil ^b	Steam Plants	GT/IC ^c		
Thousand Short Tons				Thousand Barrels					Thousand Short Tons	
1988										
January	6,905	149,999	6,657	163,561	48,872	15,142	55,254	8,760	64,014	56
February	6,864	146,977	6,583	160,424	50,168	15,311	56,470	9,008	65,479	55
March	6,821	148,955	6,826	162,603	52,197	15,256	58,708	8,745	67,453	58
April	6,780	152,121	6,848	165,750	53,375	15,182	59,765	8,792	68,557	54
May	6,732	152,743	6,853	166,328	53,579	15,131	59,904	8,806	68,709	56
June	6,785	147,752	6,677	161,215	53,533	15,370	60,048	8,855	68,902	77
July	6,659	134,933	6,641	148,234	50,681	15,228	57,133	8,777	65,910	73
August	6,614	128,139	6,635	141,389	49,308	15,410	55,896	8,822	64,718	63
September	6,601	129,707	6,522	142,830	54,636	15,526	60,991	9,170	70,162	82
October	6,611	134,148	6,371	147,130	55,830	15,344	62,002	9,172	71,174	83
November	6,595	136,882	6,539	150,016	55,752	15,332	61,990	9,094	71,085	90
December	6,561	133,434	6,512	146,507	54,187	15,099	60,311	8,974	69,285	86
1989										
January	6,513	129,937	6,088	142,538	55,845	14,809	61,627	9,027	70,654	58
February	6,494	124,652	6,217	137,363	50,063	13,980	55,683	8,360	64,043	56
March	6,475	126,195	6,367	139,036	45,142	13,370	50,500	8,013	58,513	62
April	6,447	131,750	6,477	144,674	47,237	13,607	52,789	8,055	60,844	102
May	6,416	137,884	6,767	151,067	52,595	13,279	57,994	7,879	65,873	64
June	6,427	136,126	6,428	148,981	51,922	14,621	57,610	8,934	66,544	77
July	6,413	122,227	6,226	134,865	52,883	14,405	58,368	8,921	67,289	81
August	6,440	121,281	6,227	133,948	55,608	14,724	61,248	9,085	70,332	69
September	6,437	122,912	6,291	135,640	54,346	14,825	60,233	8,938	69,171	92
October	6,437	129,679	6,164	142,280	56,660	15,090	62,708	9,042	71,750	107
November	6,423	134,309	6,475	147,207	56,258	15,332	62,610	8,980	71,590	115
December	6,403	122,967	6,490	135,860	47,446	13,824	53,309	7,962	61,270	105
1990										
January	6,360	125,226	6,482	138,067	54,365	15,410	60,421	9,353	69,775	114
February	6,315	130,281	6,294	142,890	58,169	15,622	64,454	9,337	73,791	108
March	6,294	137,522	6,302	150,118	57,728	15,249	63,746	9,231	72,977	104
April	6,298	143,648	6,979	156,925	55,419	14,837	61,314	8,942	70,256	93
May	6,315	149,130	7,377	162,821	56,321	15,432	62,341	9,412	71,753	102
June	6,376	148,278	7,255	161,908	53,347	15,356	59,397	9,306	68,703	110
July	6,420	140,429	7,108	153,957	56,294	15,618	62,386	9,525	71,911	109
August	6,441	137,678	6,966	151,085	57,320	15,468	63,342	9,446	72,788	113
September	6,486	136,716	6,711	149,913	60,274	15,574	66,336	9,512	75,848	95
October	6,513	142,465	7,294	156,271	61,835	16,142	68,143	9,833	77,977	83
November	6,528	147,112	7,271	160,911	65,160	16,411	71,414	10,157	81,571	84
December	6,499	142,650	7,016	156,166	67,030	16,471	73,306	10,195	83,501	94
1991										
January	6,470	138,220	7,407	152,097	64,344	16,601	70,744	10,201	80,945	103
February	6,442	142,454	7,220	156,116	60,490	16,892	67,367	10,014	77,382	111
March	6,384	147,469	7,231	161,084	58,172	16,376	64,699	9,848	74,547	101
April	6,347	152,833	7,135	166,315	58,835	16,175	65,393	9,618	75,011	90
May	6,387	154,172	6,968	167,528	57,247	15,574	63,531	9,290	72,822	81
June	6,441	150,554	6,463	163,459	58,345	15,680	64,604	9,421	74,025	89
July	6,484	142,804	6,392	155,680	57,932	15,654	64,119	9,467	73,586	86
August	6,506	140,320	6,272	153,097	56,588	15,596	62,813	9,370	72,183	79
September	6,514	141,463	5,930	153,907	59,035	15,514	65,186	9,363	74,550	73
October	6,544	146,178	6,090	158,813	60,225	15,790	66,257	9,758	76,015	64
November	6,533	145,775	6,298	158,605	58,814	15,780	64,963	9,631	74,594	75
December	6,513	145,367	5,996	157,876	58,636	16,357	65,032	9,961	74,993	70
1992										
January	6,488	143,466	5,683	155,637	53,136	15,712	59,340	9,509	68,849	75
February	6,455	146,338	5,352	158,145	54,750	15,655	61,085	9,321	70,406	62
March	6,398	147,978	5,656	160,032	54,513	15,589	60,840	9,262	70,103	56
April	6,379	149,824	6,387	162,591	52,815	15,371	59,044	9,143	68,186	47
May	6,370	152,275	6,867	165,512	55,144	15,214	61,145	9,214	70,358	63
June	6,355	151,224	6,596	164,176	53,794	15,117	59,648	9,263	68,910	67
July	6,341	141,613	6,449	154,403	53,445	14,995	59,273	9,167	68,440	56
August	6,343	140,166	6,071	152,580	54,434	15,456	60,644	9,246	69,890	46
September	6,329	140,409	5,946	152,685	52,731	15,251	58,646	9,336	67,982	51
October	6,304	144,068	6,487	156,859	52,919	15,351	58,869	9,400	68,269	55
November	6,273	145,406	6,169	157,849	53,632	15,302	59,535	9,398	68,934	59
December	6,215	142,156	5,759	154,130	56,135	15,714	62,374	9,475	71,849	67

^a Heavy oil includes fuel oil nos. 4, 5, and 6, and residual fuel oils.

^b Light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.

^c GT/IC = Gas turbine and internal combustion plants.

R=Revised data. NA=Not available.

Notes: • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Electricity Sources

Table 7.1

- **1973-September 1977:** Federal Power Commission (FPC), Form FPC-4, "Monthly Power Plant Report."
- **October 1977-1981:** Federal Energy Regulatory Commission (FERC), Form FPC-4, "Monthly Power Plant Report."
- **1982-1988:** Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report."
- **1989-1992:** EIA, *Electric Power Monthly*, Table 4, and (for geothermal energy and other) EIA, Form EIA-759, "Monthly Power Plant Report."

Table 7.2

- **Annual Series: 1984-1992:** EIA, *Electric Power Monthly*, Table 51, March 1994.
- **Monthly Series: 1973-September 1977:** FPC, Form FPC-5, "Monthly Statement of Electric Operating Revenue and Income." **October 1977-February 1980:** FERC, Form FERC-5, "Electric Operating Revenue and Income." **March 1980-1982:** FERC, Form FERC-5, "Electric Utility Company Monthly Statement." **1983-1986:** EIA, Form EIA-826, "Electric Utility Company Monthly Statement." **1987 and 1988:** EIA, Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." Data for all months and years reflect revisions received on subsequent form

submissions. **1989-1992:** EIA, *Electric Power Monthly*, Table 51.

Table 7.3

- **1973-September 1977:** FPC, Form FPC-4, "Monthly Power Plant Report."
- **October 1977-1981:** FERC, Form FPC-4, "Monthly Power Plant Report."
- **1982-1988:** EIA, Form EIA-759, "Monthly Power Plant Report."
- **1989-1992:** EIA, *Electric Power Monthly* (issues through March 1994), Tables 17, 24 (for Petroleum Consumption at Steam-Plants), and 26 (for Petroleum Consumption at GT/IC Plants).

Table 7.4

- **1973-September 1977:** FPC, Form FPC-4, "Monthly Power Plant Report."
- **October 1977-1981:** FERC, Form FPC-4, "Monthly Power Plant Report."
- **1982-1988:** EIA, Form EIA-759, "Monthly Power Plant Report."
- **1989:** EIA, *Electric Power Monthly*, Table 25, March 1991, and (for Petroleum Stocks by Prime Mover Type) EIA, Form EIA-759, "Monthly Power Plant Report."
- **1990-1992:** EIA, *Electric Power Monthly* (issues through December 1993), Table 28 and (for Petroleum stocks by Prime Mover Type) EIA, Form EIA-759, "Monthly Power Plant Report."

Section 8

Nuclear Energy



Spent nuclear fuel rods are stockpiled in a storage pond.

Table 8.1 Nuclear Power Plant Operations, 1973-1992

	Operable Units ^{a,b}	Nuclear Electricity Net Generation	Nuclear Portion of Domestic Electricity Net Generation	Net Summer Capacity of Operable Units ^{a,c}	Capacity Factor ^d
	Number	Million Kilowatthours	Percent	Million Kilowatts	Percent
1973					
January	29	6,246	3.9	14,533	57.8
February	29	5,928	4.1	14,533	60.7
March	30	6,649	4.5	15,314	58.4
April	30	5,876	4.2	15,314	53.4
May	31	5,697	3.9	16,174	47.3
June	34	6,784	4.2	18,729	50.3
July	34	6,960	4.0	18,729	50.0
August	35	7,785	4.4	19,205	54.5
September	35	7,862	5.0	19,205	56.9
October	36	7,518	4.9	20,271	49.8
November	36	8,142	5.5	20,271	55.8
December	39	8,031	5.2	22,683	47.6
Year	39	83,479	4.5	22,683	53.5
1974					
January	39	7,603	4.8	22,683	45.0
February	40	8,116	5.7	23,735	50.9
March	39	8,777	5.8	23,675	49.8
April	40	7,129	5.0	24,201	41.0
May	42	6,562	4.3	25,461	34.6
June	43	7,080	4.5	26,237	37.5
July	43	10,210	5.7	26,237	52.3
August	45	12,333	7.1	28,139	58.9
September	47	11,010	7.2	30,032	50.9
October	48	10,864	7.1	30,905	47.7
November	47	11,004	7.3	31,356	48.7
December	48	13,288	8.3	31,867	56.0
Year	48	113,976	6.1	31,867	47.8
1975					
January	49	13,938	8.5	32,692	57.3
February	51	12,733	8.7	34,516	54.9
March	51	14,882	9.6	34,516	58.0
April	52	13,327	9.1	35,306	52.4
May	52	13,764	9.0	35,306	52.4
June	52	12,744	7.8	35,306	50.1
July	52	15,372	8.7	35,306	58.5
August	52	15,880	8.8	35,306	60.5
September	52	14,396	9.3	35,306	56.6
October	52	14,626	9.4	35,306	55.6
November	53	14,164	9.3	36,163	54.4
December	54	16,679	9.8	37,267	60.2
Year	54	172,505	9.0	37,267	55.9
1976					
January	54	16,099	9.0	37,267	58.1
February	54	14,377	9.2	37,267	55.4
March	54	13,993	8.5	37,267	50.5
April	55	10,982	7.2	38,232	40.0
May	56	11,929	7.6	39,071	41.0
June	57	15,757	9.1	39,881	54.9
July	57	17,709	9.5	39,881	59.7
August	56	18,363	9.9	39,818	62.0
September	57	17,290	10.5	40,884	58.7
October	57	17,355	10.6	40,884	57.0
November	57	16,134	9.5	40,884	54.8
December	61	21,115	11.5	43,822	64.8
Year	61	191,104	9.4	43,822	54.7
1977					
January	62	22,152	11.3	44,559	66.8
February	62	19,601	12.0	44,559	65.5
March	62	20,672	12.2	44,559	62.4
April	62	19,867	12.7	44,559	62.0
May	62	20,599	12.2	44,559	62.1
June	62	21,517	11.9	44,559	67.1
July	62	21,825	11.0	44,559	65.8
August	64	22,750	11.6	46,303	66.2
September	65	19,630	11.1	46,303	59.0
October	65	19,041	11.4	46,303	55.3
November	65	19,458	11.6	46,303	58.5
December	65	23,771	12.9	46,303	69.0
Year	65	250,883	11.8	46,303	63.3

See footnotes at end of table.

Table 8.1 Nuclear Power Plant Operations, 1973-1992 (Continued)

	Operable Units ^{a,b}	Nuclear Electricity Net Generation	Nuclear Portion of Domestic Electricity Net Generation	Net Summer Capability of Operable Units ^{a,c}	Capacity Factor ^d
	Number	Million Kilowatthours	Percent	Million Kilowatts	Percent
1978					
January	65	25,833	13.1	46.303	75.0
February	65	21,833	12.6	46.303	70.2
March	66	22,449	13.0	47.403	63.7
April	68	17,580	11.0	49.198	49.7
May	68	20,416	11.7	49.198	55.8
June	68	22,185	11.8	49.198	62.6
July	68	25,007	12.3	49.198	68.3
August	68	25,599	12.4	49.198	69.9
September	69	22,189	12.0	49.966	61.7
October	69	22,997	13.1	49.966	60.9
November	69	24,901	14.1	49.966	69.2
December	70	25,415	13.2	50.824	67.2
Year	70	276,403	12.5	50.824	64.5
1979					
January	69	27,792	13.3	50.627	73.8
February	69	25,911	13.9	50.627	70.2
March	68	24,335	13.3	49.747	65.7
April	68	18,418	10.8	49.747	51.6
May	68	15,025	8.4	49.747	40.6
June	68	16,065	8.6	49.747	44.9
July	68	20,825	10.3	49.747	56.3
August	68	24,204	11.8	49.747	65.4
September	68	21,804	12.1	49.747	61.0
October	68	20,934	11.6	49.747	56.5
November	68	19,255	10.8	49.747	53.9
December	68	20,586	10.9	49.747	55.6
Year	68	255,155	11.4	49.747	58.4
1980					
January	68	19,746	9.9	49.747	53.4
February	68	19,277	10.2	49.747	55.7
March	68	20,039	10.7	49.747	54.1
April	68	18,794	11.1	49.747	52.5
May	68	18,385	10.5	49.747	49.7
June	68	18,322	9.7	49.747	51.2
July	69	21,024	9.7	50.895	55.5
August	70	24,333	11.3	51.810	63.1
September	70	23,572	12.3	51.810	63.2
October	70	24,510	13.7	51.810	63.5
November	70	20,984	11.8	51.810	56.3
December	70	22,130	11.3	51.810	57.4
Year	70	251,116	11.0	51.810	56.3
1981					
January	70	23,779	11.5	51.810	61.7
February	70	21,595	12.0	51.810	62.0
March	70	22,004	11.9	51.810	57.1
April	70	20,646	12.0	51.810	55.4
May	71	19,723	11.1	52.638	50.4
June	72	21,166	10.4	53.744	54.7
July	72	23,080	10.5	53.744	57.7
August	72	26,946	12.8	53.744	67.4
September	73	24,398	13.1	54.894	61.7
October	73	20,556	11.3	54.894	50.3
November	73	22,783	13.0	54.894	57.6
December	74	25,997	13.3	56.042	62.3
Year	74	272,674	11.9	56.042	58.2
1982					
January	74	25,678	12.3	56.042	61.6
February	74	20,188	11.2	56.042	53.6
March	74	22,755	12.1	56.042	54.6
April	74	21,785	12.6	56.042	54.1
May	74	21,639	12.2	56.042	51.9
June	74	24,026	12.9	56.042	59.5
July	74	25,467	12.1	56.042	61.1
August	74	24,986	12.1	56.042	59.9
September	76	25,391	14.1	58.160	60.6
October	75	23,248	13.4	58.100	53.7
November	77	23,235	13.4	60.035	53.8
December	77	24,376	13.2	60.035	54.6
Year	77	282,773	12.6	60.035	56.6

See footnotes at end of table.

Table 8.1 Nuclear Power Plant Operations, 1973-1992 (Continued)

	Operable Units ^{a,b}	Nuclear Electricity Net Generation	Nuclear Portion of Domestic Electricity Net Generation	Net Summer Capability of Operable Units ^{a,c}	Capacity Factor ^d
	Number	Million Kilowatthours	Percent	Million Kilowatts	Percent
1983					
January	77	25,073	12.8	59.532	56.6
February	77	22,198	12.9	59.632	55.4
March	77	23,890	13.1	59.632	53.9
April	77	22,335	13.1	59.658	52.1
May	78	22,051	12.6	59.883	49.5
June	79	24,152	12.6	61.686	54.4
July	79	25,602	11.6	61.230	56.2
August	79	26,201	11.4	61.440	57.3
September	80	25,007	12.8	62.227	55.8
October	80	25,797	14.1	62.876	55.1
November	80	25,010	13.7	62.809	55.3
December	80	26,361	12.4	63.009	56.5
Year	80	293,677	12.7	63.009	54.4
1984					
January	80	29,313	13.5	63.009	62.5
February	80	28,436	15.0	63.009	64.8
March	81	27,345	13.7	64.057	57.4
April	82	24,231	13.4	65.157	51.7
May	82	25,867	13.5	65.157	53.4
June	83	25,299	12.1	66.207	53.1
July	83	28,284	12.8	66.207	57.4
August	84	29,493	12.9	67.446	58.8
September	84	29,146	14.9	67.446	60.0
October	85	24,774	13.0	68.566	48.6
November	86	24,575	12.9	69.652	49.0
December	86	30,872	15.4	69.652	59.6
Year	86	327,634	13.6	69.652	56.3
1985					
January	87	36,186	15.9	70.675	68.8
February	88	30,812	15.5	71.795	63.9
March	89	31,041	15.9	72.899	57.2
April	89	26,458	14.3	72.899	50.5
May	89	28,697	14.6	72.899	52.9
June	91	30,837	15.0	75.275	56.9
July	92	35,184	15.5	76.354	61.9
August	94	34,812	15.4	78.478	59.6
September	94	34,508	17.0	78.478	61.1
October	94	31,205	16.0	78.478	53.4
November	95	30,166	15.7	79.397	52.8
December	95	33,782	15.4	79.397	57.2
Year	95	383,691	15.5	79.397	58.0
1986					
January	96	36,219	16.7	80.604	60.4
February	96	32,721	17.0	80.604	60.4
March	96	30,773	15.6	80.604	51.3
April	97	30,477	16.4	81.863	51.8
May	98	31,924	16.2	82.995	51.7
June	98	31,334	14.6	82.995	52.4
July	99	35,894	14.8	84.048	57.4
August	99	37,483	16.6	84.048	59.9
September	99	36,593	17.7	84.048	60.5
October	99	36,214	18.3	84.048	57.8
November	100	34,944	17.8	85.241	56.9
December	100	39,463	18.5	85.241	62.2
Year	100	414,038	16.6	85.241	56.9
1987					
January	102	39,975	17.9	87.248	61.6
February	102	36,598	18.9	87.248	62.4
March	103	37,290	18.5	88.446	56.7
April	103	33,518	17.7	89.330	52.2
May	103	34,320	16.7	89.330	51.6
June	103	36,560	16.2	89.330	56.8
July	105	40,056	16.2	91.488	58.8
August	106	41,352	16.7	92.324	60.2
September	106	39,666	18.6	92.324	59.7
October	106	36,492	18.0	92.324	53.1
November	107	37,438	18.7	93.583	55.6
December	107	42,006	19.1	93.583	60.3
Year	107	455,270	17.7	93.583	57.4

See footnotes at end of table.

Table 8.1 Nuclear Power Plant Operations, 1973-1992 (Continued)

	Operable Units ^{a,b}	Nuclear Electricity Net Generation	Nuclear Portion of Domestic Electricity Net Generation	Net Summer Capability of Operable Units ^{a,c}	Capacity Factor ^d
	Number	Million Kilowatthours	Percent	Million Kilowatts	Percent
1988					
January	107	44,658	18.8	93.583	64.1
February	106	42,246	19.5	92.743	65.4
March	107	43,912	20.5	93.982	62.8
April	107	40,067	20.4	93.982	59.3
May	108	40,650	19.5	95.089	57.5
June	108	44,079	18.9	95.089	64.4
July	108	49,828	19.4	94.695	70.7
August	108	49,035	18.3	94.695	69.5
September	108	46,270	21.0	94.695	67.9
October	108	42,591	20.2	94.695	60.4
November	108	39,583	18.9	94.695	58.0
December	108	44,052	18.9	94.695	62.5
Year	108	526,973	19.5	94.695	63.5
1989					
January	108	46,328	19.9	94.695	65.8
February	108	38,725	17.6	94.695	60.9
March	110	39,636	17.5	97.031	54.9
April	110	33,495	16.1	97.031	48.0
May	110	38,339	17.4	97.031	53.1
June	110	42,976	18.2	97.031	61.5
July	110	52,331	20.4	97.323	72.3
August	110	54,948	21.2	98.161	75.2
September	110	44,837	19.7	98.161	63.4
October	110	43,558	19.8	98.161	59.6
November	110	43,399	19.8	98.161	61.4
December	110	50,784	19.6	98.161	69.5
Year	110	529,355	19.0	98.161	62.2
1990					
January	110	55,119	23.2	98.161	75.5
February	110	49,963	23.5	98.161	75.7
March	111	46,087	20.4	99.311	62.4
April	112	38,516	18.2	100.461	53.3
May	112	42,945	19.3	100.461	57.5
June	112	46,332	18.6	100.461	64.1
July	112	53,645	20.1	100.497	71.7
August	112	55,758	20.8	100.497	74.6
September	111	48,485	20.4	99.624	67.5
October	111	43,395	19.3	99.624	58.5
November	111	45,034	21.1	99.624	62.8
December	111	51,582	21.7	99.624	69.6
Year	111	576,862	20.5	99.624	66.0
1991					
January	111	54,369	21.9	99.624	73.4
February	111	47,863	22.7	99.624	71.5
March	111	49,121	22.2	99.624	66.3
April	111	41,631	19.9	99.624	58.1
May	111	46,755	19.9	99.624	63.1
June	111	54,208	21.8	99.624	75.6
July	111	60,735	22.3	99.589	82.0
August	111	58,473	21.8	99.589	78.9
September	111	51,874	22.2	99.589	72.3
October	111	47,653	21.3	99.589	64.2
November	111	46,295	20.9	99.589	64.6
December	111	53,589	22.9	99.589	72.3
Year	111	612,565	21.7	99.589	70.2
1992					
January	111	57,849	23.7	99.589	78.1
February	110	52,804	24.2	99.421	76.3
March	110	45,835	20.4	99.421	62.0
April	110	42,268	20.0	99.421	59.1
May	110	45,627	20.7	99.421	61.7
June	110	51,185	21.6	99.421	71.5
July	110	56,049	21.1	99.421	75.8
August	110	58,656	23.0	99.421	79.3
September	110	50,919	21.7	99.421	71.1
October	110	48,784	22.0	99.421	65.9
November	110	50,726	22.9	99.421	70.9
December	109	58,075	23.8	98.985	78.9
Year	109	618,776	22.1	98.985	70.9

^a At end of period.
^b See Note 1 at end of section.
^c For the definition of "Net Summer Capability," see Note 3 at end of section.
^d For an explanation of the method of calculating the capacity factor, see

Note 4 at end of section.
Notes: • Nuclear electricity net generation totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.
Sources: See end of section.

Table 8.2 Nuclear Generating Units, End of Period, 1973-1992

	Licensed for Operation		Construction Permits		On Order	Announced	Total	Total Design Capacity ^c
	Operable ^a	In Startup ^b	Granted	Pending				
Number of Units								Million Kilowatts
1973								
January	29	3	54	30	46	7	169	154
February	29	4	55	31	46	8	173	158
March	30	3	56	30	48	10	177	163
April	30	5	56	31	52	11	185	172
May	31	5	55	31	52	11	185	172
June	34	3	54	35	49	12	187	175
July	34	3	55	40	56	6	194	182
August	35	4	53	42	54	13	201	190
September	35	4	55	49	46	13	202	191
October	36	4	56	52	44	11	203	192
November	36	5	57	52	47	10	207	197
December	39	2	57	52	49	9	208	198
1974								
January	39	4	55	51	53	10	212	202
February	40	4	54	55	50	12	215	206
March	39	4	54	58	51	12	218	211
April	40	4	53	58	51	13	219	212
May	42	3	54	63	48	12	222	215
June	43	3	60	61	47	10	224	218
July	43	6	59	61	46	10	225	220
August	45	5	59	69	43	7	228	224
September	47	3	59	79	31	7	226	221
October	48	5	56	82	28	8	227	223
November	47	5	57	80	29	8	226	223
December	48	5	62	75	30	6	226	223
1975								
January	49	4	62	76	29	6	226	224
February	51	2	62	76	29	7	227	225
March	51	2	62	76	29	7	227	225
April	52	1	62	77	28	7	227	225
May	52	1	62	77	28	7	227	227
June	52	1	62	77	25	7	224	224
July	52	1	62	77	24	5	221	221
August	52	2	63	75	24	5	221	221
September	52	2	63	79	20	5	221	221
October	52	2	63	75	18	5	215	214
November	53	2	63	76	16	5	215	214
December	54	2	69	69	14	5	213	212
1976								
January	54	3	68	69	17	5	216	212
February	54	3	70	67	17	5	216	212
March	54	4	69	67	17	5	216	212
April	55	3	71	65	17	5	216	212
May	56	2	74	62	17	5	216	212
June	57	1	74	62	18	4	216	212
July	57	2	75	62	18	2	216	212
August	56	4	73	62	18	2	215	212
September	57	4	72	64	16	2	215	212
October	57	4	72	64	16	2	215	212
November	57	4	72	64	16	2	215	212
December	61	1	71	63	16	2	214	211
1977								
January	62	0	69	63	13	2	209	206
February	62	0	69	63	13	2	209	206
March	62	0	71	63	11	2	209	204
April	62	1	70	65	9	4	211	204
May	62	1	78	57	9	4	211	204
June	62	2	77	57	9	4	211	204
July	62	2	77	56	11	2	210	205
August	64	0	77	56	11	4	212	205
September	65	0	77	56	13	2	213	208
October	65	0	77	56	13	2	213	208
November	65	1	76	52	13	2	209	203
December	65	2	78	49	13	2	209	203

See footnotes at end of table.

Table 8.2 Nuclear Generating Units, End of Period, 1973-1992 (Continued)

	Licensed for Operation		Construction Permits		On Order	Announced	Total	Total Design Capacity ^c
	Operable ^a	In Startup ^b	Granted	Pending				
	Number of Units								Million Kilowatts
1978								
January	65	2	84	43	13	2	209	206
February	65	3	85	41	13	2	209	206
March	66	2	85	43	11	2	209	206
April	68	0	88	40	10	2	208	204
May	68	0	88	36	10	2	204	201
June	68	1	87	34	7	2	199	196
July	68	1	87	34	7	2	199	196
August	68	1	87	34	7	2	199	196
September	69	1	86	32	5	2	195	191
October	69	1	86	32	5	2	195	191
November	69	1	88	30	5	2	195	191
December	70	0	88	32	5	0	195	191
1979								
January	69	0	90	30	5	0	194	191
February	69	0	90	30	5	0	194	191
March	68	0	90	29	5	0	192	189
April	68	0	90	29	5	0	192	189
May	68	0	90	29	5	0	192	189
June	68	0	90	26	5	0	189	185
July	68	0	90	24	5	0	187	183
August	68	0	90	24	3	0	185	180
September	68	0	90	24	3	0	185	180
October	68	0	90	24	3	0	185	180
November	68	0	90	24	3	0	185	180
December	68	0	90	24	3	0	185	180
1980								
January	68	0	93	16	3	0	180	175
February	68	1	91	16	3	0	179	174
March	68	1	89	16	3	0	177	172
April	68	3	87	16	3	0	177	172
May	68	3	87	16	3	0	177	172
June	68	3	87	14	3	0	175	169
July	69	2	87	14	3	0	175	169
August	70	1	87	14	3	0	175	169
September	70	1	85	14	3	0	173	167
October	70	2	84	14	3	0	173	167
November	70	2	82	14	3	0	171	165
December	70	1	82	12	3	0	168	162
1981								
January	70	3	81	12	3	0	169	163
February	70	3	81	12	3	0	169	163
March	70	3	81	12	3	0	169	163
April	70	3	81	12	3	0	169	163
May	71	2	81	12	3	0	169	163
June	72	2	80	12	3	0	169	163
July	72	2	80	12	3	0	169	163
August	72	2	79	12	3	0	168	162
September	73	1	79	11	3	0	167	161
October	73	1	78	11	3	0	166	160
November	73	1	79	11	2	0	166	160
December	74	0	76	11	2	0	163	157
1982								
January	74	0	71	13	3	0	161	154
February	74	1	70	8	3	0	156	148
March	74	1	70	8	3	0	156	148
April	74	2	69	8	3	0	156	148
May	74	2	69	8	3	0	156	148
June	74	3	68	8	3	0	156	148
July	74	4	67	8	3	0	156	148
August	74	5	66	5	2	0	152	143
September	76	3	66	5	2	0	152	143
October	75	3	64	3	2	0	147	138
November	77	2	60	3	2	0	144	134
December	77	2	60	3	2	0	144	134

See footnotes at end of table.

Table 8.2 Nuclear Generating Units, End of Period, 1973-1992 (Continued)

	Licensed for Operation		Construction Permits		On Order	Announced	Total	Total Design Capacity ^c Million Kilowatts
	Operable ^a	In Startup ^b	Granted	Pending				
	Number of Units							
1983								
January	77	2	60	3	2	0	144	135
February	77	2	60	3	2	0	144	135
March	77	3	59	3	2	0	144	135
April	77	4	57	3	2	0	143	134
May	78	3	57	3	2	0	143	134
June	79	2	57	3	2	0	143	134
July	79	2	57	3	2	0	143	134
August	79	2	57	3	2	0	143	134
September	80	1	57	3	2	0	143	134
October	80	1	56	2	2	0	141	133
November	80	1	56	0	2	0	139	131
December	80	3	53	0	2	0	138	129
1984								
January	80	3	51	0	2	0	136	128
February	80	3	51	0	2	0	136	128
March	81	3	50	0	2	0	136	128
April	82	3	49	0	2	0	136	128
May	82	3	49	0	2	0	136	128
June	83	3	48	0	2	0	136	128
July	83	3	48	0	2	0	136	128
August	84	2	44	0	2	0	132	123
September	84	2	44	0	2	0	132	123
October	85	3	42	0	2	0	132	123
November	86	2	42	0	2	0	132	123
December	86	6	38	0	2	0	132	123
1985								
January	87	5	38	0	2	0	132	123
February	88	4	38	0	2	0	132	123
March	89	5	36	0	2	0	132	123
April	89	6	33	0	2	0	130	121
May	89	6	33	0	2	0	130	121
June	91	4	33	0	2	0	130	121
July	92	3	33	0	2	0	130	121
August	94	2	32	0	2	0	130	121
September	94	2	32	0	2	0	130	121
October	94	2	32	0	2	0	130	121
November	95	2	31	0	2	0	130	121
December	95	3	30	0	2	0	130	121
1986								
January	96	2	30	0	2	0	130	121
February	96	3	29	0	2	0	130	121
March	96	4	28	0	2	0	130	121
April	97	4	27	0	2	0	130	121
May	98	3	27	0	2	0	130	121
June	98	3	27	0	2	0	130	121
July	99	2	25	0	2	0	128	119
August	99	2	25	0	2	0	128	119
September	99	3	24	0	2	0	128	119
October	99	7	20	0	2	0	128	119
November	100	7	19	0	2	0	128	119
December	100	7	19	0	2	0	128	119
1987								
January	102	6	18	0	2	0	128	119
February	102	6	18	0	2	0	128	119
March	103	6	17	0	2	0	128	119
April	103	5	17	0	2	0	127	119
May	103	6	16	0	2	0	127	119
June	103	6	16	0	2	0	127	119
July	105	4	16	0	2	0	127	119
August	106	3	16	0	2	0	127	119
September	106	4	15	0	2	0	127	119
October	106	4	15	0	2	0	127	119
November	107	3	15	0	2	0	127	119
December	107	4	14	0	2	0	127	119

See footnotes at end of table.

Table 8.2 Nuclear Generating Units, End of Period, 1973-1992 (Continued)

	Licensed for Operation		Construction Permits		On Order	Announced	Total	Total Design Capacity ^c Million Kilowatts
	Operable ^a	In Startup ^b	Granted	Pending				
	Number of Units							
1988								
January	107	4	14	0	2	0	127	119
February	106	4	14	0	2	0	126	118
March	107	3	14	0	2	0	126	118
April	107	3	14	0	2	0	126	118
May	108	2	14	0	2	0	126	118
June	108	2	14	0	2	0	126	118
July	108	2	14	0	2	0	126	118
August	108	2	14	0	2	0	126	118
September	108	2	14	0	^d 0	0	124	116
October	108	2	^e 13	0	0	0	123	115
November	108	2	13	0	0	0	123	115
December	108	3	12	0	0	0	123	115
1989								
January	108	3	12	0	0	0	123	115
February	108	3	12	0	0	0	123	115
March	110	2	11	0	0	0	123	115
April	^f 110	1	11	0	0	0	^f 122	114
May	110	1	11	0	0	0	122	114
June	110	1	11	0	0	0	122	114
July	110	2	10	0	0	0	122	114
August	110	1	10	0	0	0	121	113
September	110	1	10	0	0	0	121	113
October	110	1	10	0	0	0	121	113
November	110	1	10	0	0	0	121	113
December	110	1	10	0	0	0	121	113
1990								
January	110	1	10	0	0	0	121	113
February	110	2	9	0	0	0	121	113
March	111	1	9	0	0	0	121	113
April	112	0	9	0	0	0	121	113
May	112	0	9	0	0	0	121	113
June	112	0	9	0	0	0	121	113
July	112	0	9	0	0	0	121	113
August	112	0	9	0	0	0	121	113
September	^g 111	0	9	0	0	0	^g 120	113
October	111	0	9	0	0	0	120	113
November	111	0	9	0	0	0	120	113
December	111	0	8	0	0	0	119	111
1991								
January	111	0	8	0	0	0	119	111
February	111	0	8	0	0	0	119	111
March	111	0	8	0	0	0	119	111
April	111	0	8	0	0	0	119	111
May	111	0	8	0	0	0	119	111
June	111	0	8	0	0	0	119	111
July	111	0	8	0	0	0	119	111
August	111	0	8	0	0	0	119	111
September	111	0	8	0	0	0	119	111
October	111	0	8	0	0	0	119	111
November	111	0	8	0	0	0	119	111
December	111	0	8	0	0	0	119	111
1992								
January	111	0	8	0	0	0	119	111
February	110	0	8	0	0	0	118	111
March	110	0	8	0	0	0	118	111
April	110	0	8	0	0	0	118	111
May	110	0	8	0	0	0	118	111
June	110	0	8	0	0	0	118	111
July	110	0	8	0	0	0	118	111
August	110	0	8	0	0	0	118	111
September	110	0	8	0	0	0	118	111
October	110	0	8	0	0	0	118	111
November	110	0	8	0	0	0	118	111
December	109	0	8	0	0	0	117	111

^a See Note 1 at end of section.

^b See Note 2 at end of section.

^c Net design electrical rating (DER) is used because many of the units were canceled prior to being assigned a net summer capability. See Note 3 at end of section.

^d On the December 31, 1988 Form EIA-254, "Semiannual Report on Status of Reactor Construction," the two planned units were reported canceled as of September 1988.

^e Seabrook 2 was deleted from this category because its construction permit expired in October 1988.

^f Shoreham received a full-power license in April 1989. Because the unit was not scheduled to operate, it was deleted from the total.

^g As of September 1990, Rancho Seco was deleted from this category. Because the unit was not scheduled to operate, it was deleted from the total.

Note: Geographic coverage is the 50 States and the District of Columbia. Sources: See end of section.

Nuclear Energy Notes and Sources

Notes:

1. Operable Units: Nuclear generating units that have been issued a full-power license by the Nuclear Regulatory Commission (NRC).

Exceptions: The Shippingport (60 megawatts (MW)) and the Hanford-N (840 MW) nuclear units were included in the operable units until 1982 and 1988, respectively. The Shippingport unit was excluded from the operable category during March 1974-August 1977 due to a major core modification outage. Hanford-N, an unlicensed unit used for defense materiel production, was included in the operable category because power was produced as a by-product and sold commercially. Three Mile Island 2 (880 MW) experienced a major accident in 1979 and, although that unit still retains its operating license and site cleanup continues, there is no plan to restart it. Therefore, it has not been included in the operable category since March 1979. Although Shoreham received a full-power license in April 1989, the unit is not currently scheduled to operate and, therefore, has not been included in the operable category. Rancho Seco (873 MW) was shut down by the Sacramento Municipal Utility District (SMUD) in June 1989 following a referendum on its continued operation. Because there are currently no plans to operate it as a nuclear unit, it is no longer included as an operable unit but is identified as a unit shut down for an extended period. The Department of Energy-operated Experimental Breeder Reactor 2 (EBR-2) unit is not a commercial reactor and is therefore not included in the operable category.

In addition, eight units have been retired and therefore removed from the operable category. Those units are: Peach Bottom 1 (40 MW) and Indian Point 1 (265 MW), both retired in 1974; Humboldt Bay (65 MW), officially retired in 1976; Dresden 1 (200 MW), retired in August 1979; LaCrosse (51 MW), retired in May 1987; Fort Saint Vrain (217 MW), retired in August 1989; Yankee Rowe 1 (185 MW), retired in February 1992; and San Onofre 1 (436 MW), retired in December 1992.

2. In Startup: The period of time between a nuclear generating unit's initial fuel loading date and the issuance of its full-power license. During that period, the unit is undergoing low-power testing and the maximum level of operation is 5 percent of the unit's design thermal rating.

3. Capacity: Nuclear generating units may have more than one type of net capacity rating, including the following:

(a) **Net Summer Capability**—The steady hourly output that generating equipment is expected to supply to system load, exclusive of auxiliary power, as demonstrated by test at the time of summer peak demand. Auxiliary power of a typical nuclear power plant is about 5 percent of gross generation.

(b) **Net Design Capacity or Net Design Electrical Rating (DER)**—The nominal net electrical output of a unit, specified by the utility and used for plant design.

4. Monthly Capacity Factors: The monthly capacity factors are computed as the actual monthly generation divided by the maximum possible generation for that month. The maximum possible generation is the number of hours in the month multiplied by the net summer capability at the end of the month. That fraction is then multiplied by 100 to obtain a percentage. Annual capacity factors are averages of the monthly values for that year.

Sources:

Table 8.1

- **Operable Units: 1973-1982**—U.S. Department of Energy (DOE), Office of Nuclear Programs, "U.S. Central Station Nuclear Electric Generating Units: Significant Milestones." **1983-1992**—Nuclear Regulatory Commission (NRC), "Licensed Operating Reactors" (NUREG-0020).
- **Nuclear Electricity Net Generation: 1973-1992**—Table 7.1.
- **Nuclear Portion of Domestic Electricity Net Generation:** Calculated from data in Table 7.1.
- **Net Summer Capability of Operable Units: 1973-1982**—Compiled from various sources, primarily DOE, Office of Nuclear Reactor Programs, "U.S. Central Station Nuclear Electric Generating Units: Significant Milestones." **1983-1992**—Energy Information Administration (EIA), Form EIA-860, "Annual Electric Generation Report."
- **Capacity Factor:** EIA, Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF).

Table 8.2

- **Licensed for Operation: 1973-1982**—DOE, Office of Nuclear Programs, "U.S. Central Station Nuclear Electric Generating Units: Significant Milestones." **1983-1992**—NRC, "Licensed Operating Reactors" (NUREG-0020).
- **Construction Permits, On Order, and Announced: 1973-1982**—Compiled from various sources, primarily DOE, Office of Nuclear Reactor Programs, "U.S. Central Station Nuclear Electric Generating Units: Significant

Milestones"; EIA, CNEAF, "Nuclear Steam-Electric Units That Have Been in Operation as of 1957-1989"; EIA, CNEAF, "Nuclear Plant Cancellations: Causes, Costs and Consequences"; and Utility Data Institute, Inc., "U.S. Nuclear Plant Statistics, 1987." **1983-1992**—NRC, "Summary Information Report" (NUREG-0871); NRC, "Licensed Operating Reactors" (NUREG-0020); and various trade journals.

- **Total Design Capacity: 1973-1982**—Compiled from various sources, primarily DOE, Office of Nuclear Reactor Programs, "U.S. Central Station Nuclear Electric

Generating Units: Significant Milestones"; EIA, CNEAF, "Nuclear Steam-Electric Units That Have Been in Operation as of 1957-1987"; EIA, CNEAF, "Monthly Report for Electric Utilities—Power Generation"; EIA, CNEAF, "Nuclear Plant Cancellations: Causes, Costs and Consequences"; and Utility Data Institute, Inc., "U.S. Nuclear Plant Statistics, 1987." **1983-1992**—NRC, "Licensed Operating Reactors" (NUREG-0020); NRC, "Summary Information Report" (NUREG-0871); and EIA, Form EIA-860, "Annual Electric Generator Report."

Section 9

Energy Prices



Gasohol contains up to 10 percent ethanol, which can be produced from farm products such as corn or sugar.

Table 9.1 Crude Oil Price Summary, 1973-1992

(Dollars per Barrel)

	Domestic First Purchase Price ^b	F.O.B. Cost of Imports ^c	Landed Cost of Imports ^d	Refiner Acquisition Cost ^a		
				Domestic	Imported	Composite
1973						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA
October	NA	4.24	5.60	NA	NA	NA
November	NA	5.28	6.36	NA	NA	NA
December	NA	6.34	7.57	NA	NA	NA
Average	3.89	e 5.21	e 6.41	E 4.17	E 4.08	E 4.15
1974						
January	6.95	9.27	10.45	6.72	9.59	7.46
February	6.87	10.74	12.60	7.08	12.45	8.57
March	6.77	10.83	12.57	7.05	12.73	8.68
April	6.77	11.16	12.66	7.21	12.72	9.13
May	6.87	11.25	12.70	7.26	13.02	9.44
June	6.85	11.45	12.92	7.20	13.06	9.45
July	6.80	10.96	12.37	7.19	12.75	9.30
August	6.71	11.00	12.40	7.20	12.68	9.17
September	6.70	10.83	12.09	7.18	12.53	9.13
October	6.97	10.85	12.08	7.26	12.44	9.22
November	6.97	10.96	12.17	7.46	12.53	9.41
December	7.09	10.87	12.30	7.39	12.82	9.28
Average	6.87	10.91	12.32	7.18	12.52	9.07
1975						
January	7.61	10.96	12.25	7.78	12.77	9.48
February	7.47	10.98	12.37	8.29	13.05	10.09
March	7.57	11.10	12.46	8.38	13.28	9.91
April	7.55	11.09	12.40	8.23	13.26	9.83
May	7.52	11.05	12.47	8.33	13.27	9.79
June	7.49	10.89	12.48	8.33	14.15	10.33
July	7.75	10.84	12.49	8.37	14.03	10.57
August	7.73	10.93	12.51	8.48	14.25	10.81
September	7.75	10.95	12.59	8.49	14.04	10.79
October	7.83	11.40	13.20	8.68	14.66	10.85
November	7.80	11.79	13.49	8.67	15.04	11.05
December	7.93	11.93	13.37	8.66	14.81	10.98
Average	7.67	11.18	12.70	8.39	13.93	10.38
1976						
January	8.63	11.97	13.26	9.14	13.27	10.76
February	7.91	12.06	13.25	8.67	13.26	10.54
March	7.78	12.04	13.27	8.48	13.51	10.44
April	7.86	12.07	13.29	8.66	13.39	10.63
May	7.89	12.03	13.22	8.62	13.41	10.66
June	8.00	12.20	13.37	8.60	13.48	10.88
July	8.04	12.15	13.29	8.72	13.51	10.97
August	8.03	12.15	13.39	8.65	13.58	10.78
September	8.39	12.20	13.32	8.95	13.47	11.08
October	8.46	12.22	13.32	9.13	13.49	11.20
November	8.61	12.26	13.38	9.23	13.58	11.26
December	8.62	12.37	13.46	9.25	13.71	11.32
Average	8.19	12.15	13.32	8.84	13.48	10.89
1977						
January	8.50	12.91	14.04	9.23	14.11	11.64
February	8.56	13.07	14.27	9.24	14.50	11.80
March	8.45	13.17	14.34	9.32	14.54	11.88
April	8.41	13.14	14.35	9.21	14.36	11.75
May	8.49	13.28	14.43	9.21	14.62	11.87
June	8.44	13.19	14.32	9.34	14.63	11.98
July	8.47	13.28	14.39	9.32	14.44	11.90
August	8.45	13.39	14.37	9.54	14.68	12.01
September	8.43	13.37	14.46	9.75	14.50	12.01
October	8.72	13.37	14.43	9.95	14.56	12.12
November	8.69	13.41	14.43	10.17	14.61	12.18
December	8.81	13.41	14.48	10.15	14.76	12.27
Average	8.57	13.24	14.36	9.55	14.53	11.96

See footnotes at end of table.

Table 9.1 Crude Oil Price Summary, 1973-1992 (Continued)

(Dollars per Barrel)

	Domestic First Purchase Price ^b	F.O.B. Cost of Imports ^c	Landed Cost of Imports ^d	Refiner Acquisition Cost ^a		
				Domestic	Imported	Composite
1978						
January	8.71	13.34	14.37	10.14	14.52	12.13
February	8.86	13.34	14.33	10.25	14.41	12.19
March	8.80	13.34	14.32	10.46	14.57	12.23
April	8.82	13.27	14.29	10.55	14.40	12.20
May	8.81	13.24	14.23	10.60	14.51	12.35
June	9.05	13.26	14.28	10.72	14.54	12.48
July	8.96	13.23	14.23	10.58	14.49	12.45
August	9.05	13.24	14.24	10.65	14.46	12.46
September	9.15	13.28	14.29	10.65	14.53	12.57
October	9.17	13.26	14.37	10.78	14.63	12.62
November	9.20	13.30	14.49	10.87	14.74	12.76
December	9.47	13.42	14.62	11.00	14.94	12.93
Average	9.00	13.29	14.35	10.61	14.57	12.46
1979						
January	9.46	14.20	15.35	11.02	15.50	13.11
February	9.69	14.40	15.61	11.34	15.88	13.42
March	9.83	14.94	16.15	11.45	16.41	13.70
April	10.33	16.70	17.79	12.06	17.58	14.52
May	10.71	17.69	18.83	12.41	19.00	15.40
June	11.70	19.75	21.12	13.24	21.03	17.00
July	13.39	21.66	22.89	14.61	23.09	18.58
August	14.00	22.30	23.60	15.73	23.98	19.75
September	14.57	23.34	24.69	16.05	25.06	20.14
October	15.06	23.41	24.78	16.93	25.05	20.68
November	15.52	26.25	27.69	17.65	27.02	22.04
December	17.00	27.13	28.71	18.84	28.91	23.63
Average	12.64	20.07	21.45	14.27	21.67	17.72
1980						
January	17.86	29.27	30.85	19.78	30.75	24.81
February	18.86	31.08	32.51	21.22	32.40	26.11
March	19.33	31.26	32.48	22.07	33.42	26.88
April	20.28	31.79	33.05	22.89	33.54	27.09
May	21.05	32.41	33.60	23.63	34.33	27.85
June	21.52	32.89	34.12	24.48	34.48	28.80
July	22.31	33.24	34.48	25.05	34.51	28.73
August	22.62	33.43	34.69	24.98	34.44	28.70
September	22.59	33.34	34.62	25.37	34.46	28.96
October	23.23	33.14	34.33	26.21	34.63	29.56
November	23.99	34.15	35.27	26.51	35.09	29.79
December	25.83	34.11	35.53	28.55	35.63	31.39
Average	21.59	32.37	33.67	24.23	33.89	28.07
1981						
January	28.81	36.65	37.97	32.71	38.85	34.86
February	34.30	36.93	38.34	36.27	39.00	37.28
March	34.59	36.74	38.05	36.97	38.31	37.48
April	33.92	35.96	37.26	35.58	38.41	36.58
May	32.73	35.72	36.95	35.21	37.84	36.11
June	31.68	34.85	36.21	34.20	37.03	35.03
July	31.10	33.89	35.30	33.76	36.58	34.70
August	31.10	33.67	35.06	33.79	35.82	34.46
September	31.10	33.78	35.09	33.47	35.44	34.11
October	30.98	33.85	35.10	33.48	35.43	34.07
November	30.97	34.46	35.71	33.49	36.21	34.33
December	30.80	34.56	35.82	33.51	35.95	34.33
Average	31.77	35.15	36.47	34.33	37.05	35.24
1982						
January	30.86	34.13	35.23	33.39	35.54	33.95
February	29.75	33.60	34.63	32.71	35.48	33.40
March	28.30	32.08	33.31	31.08	34.07	31.81
April	27.65	31.46	32.77	30.27	32.82	30.83
May	27.67	31.54	32.70	30.37	32.78	31.02
June	28.11	32.22	33.47	30.79	33.79	31.74
July	28.35	32.09	33.31	30.92	33.44	31.74
August	28.18	31.40	32.34	30.85	32.95	31.45
September	27.96	31.51	32.49	30.76	33.03	31.40
October	28.75	31.88	33.01	31.38	33.28	31.98
November	28.69	31.73	32.86	31.57	33.09	32.07
December	28.04	31.09	32.32	30.80	32.85	31.29
Average	28.52	32.02	33.18	31.22	33.55	31.87

See footnotes at end of table.

Table 9.1 Crude Oil Price Summary, 1973-1992 (Continued)

(Dollars per Barrel)

	Domestic First Purchase Price ^b	F.O.B. Cost of Imports ^c	Landed Cost of Imports ^d	Refiner Acquisition Cost ^a		
				Domestic	Imported	Composite
1983						
January	27.22	29.56	30.62	30.55	31.40	30.73
February	26.41	27.98	29.08	29.16	30.76	29.49
March	26.08	26.92	27.84	28.69	28.43	28.64
April	25.85	27.28	28.24	28.45	27.95	28.33
May	26.08	27.47	28.55	28.68	28.53	28.64
June	25.98	27.80	29.00	28.67	29.23	28.85
July	25.86	27.90	28.99	28.74	28.76	28.75
August	26.03	27.96	29.22	28.58	29.50	28.88
September	26.08	28.05	29.24	28.69	29.54	28.97
October	26.04	27.87	29.08	28.88	29.67	29.14
November	26.09	27.80	28.93	28.76	29.09	28.85
December	25.88	27.56	28.58	28.62	29.30	28.83
Average	26.19	27.81	28.93	28.87	29.30	28.99
1984						
January	25.93	27.70	28.59	28.62	28.80	28.67
February	26.06	27.92	28.95	28.76	28.91	28.81
March	26.05	27.83	28.86	28.75	28.95	28.81
April	25.93	27.92	28.97	28.63	29.11	28.77
May	26.00	27.98	29.04	28.65	29.26	28.83
June	26.09	27.90	29.00	28.58	29.19	28.77
July	26.11	27.38	28.41	28.70	29.00	28.79
August	26.02	27.48	28.41	28.59	28.92	28.69
September	25.97	27.36	28.26	28.56	28.70	28.60
October	25.92	27.23	28.21	28.46	28.79	28.56
November	25.44	27.10	27.96	28.10	28.74	28.30
December	25.05	26.73	27.55	27.95	28.02	27.97
Average	25.88	27.60	28.54	28.53	28.88	28.63
1985						
January	24.26	26.34	27.02	26.89	27.49	27.02
February	23.64	26.23	26.86	26.35	26.99	26.49
March	23.89	26.50	27.13	26.60	27.20	26.76
April	24.19	26.75	27.51	26.79	27.59	27.03
May	24.18	26.38	27.21	26.91	27.60	27.12
June	24.07	25.71	26.49	26.60	27.25	26.76
July	24.04	25.43	26.37	26.60	26.57	26.59
August	23.99	25.51	26.26	26.46	26.61	26.50
September	23.96	25.56	26.48	26.41	26.56	26.45
October	24.10	25.74	26.71	26.60	26.79	26.66
November	24.27	25.81	26.73	26.73	27.12	26.86
December	24.51	24.23	25.27	26.93	26.21	26.72
Average	24.09	25.84	26.67	26.66	26.99	26.75
1986						
January	23.12	21.46	22.88	25.91	24.93	25.63
February	17.65	15.11	16.23	20.31	18.11	19.76
March	12.62	12.62	13.55	15.02	14.22	14.80
April	10.68	11.60	12.45	13.01	13.15	13.05
May	10.75	11.05	12.22	12.99	13.17	13.05
June	10.68	10.85	11.90	13.12	12.25	12.83
July	9.25	9.74	10.87	11.44	10.91	11.26
August	9.77	10.59	11.51	11.97	11.87	11.93
September	11.09	11.78	12.70	13.29	12.85	13.13
October	11.00	11.98	13.10	13.20	12.78	13.05
November	11.05	12.63	13.55	13.22	13.46	13.30
December	11.73	13.84	14.50	13.66	14.17	13.84
Average	12.51	12.52	13.49	14.82	14.00	14.55
1987						
January	13.79	15.30	16.16	16.01	16.45	16.16
February	14.51	15.95	16.86	16.77	16.98	16.83
March	14.54	16.31	17.05	16.93	17.26	17.04
April	14.95	16.79	17.53	17.21	17.89	17.44
May	15.29	17.20	17.91	17.63	18.25	17.85
June	15.95	17.53	18.34	18.33	18.71	18.47
July	16.88	17.90	18.87	19.04	19.26	19.13
August	17.06	17.72	18.88	19.39	19.32	19.36
September	16.25	17.09	18.04	18.57	18.57	18.57
October	15.95	16.56	17.67	18.36	18.53	18.43
November	15.46	16.41	17.52	17.94	18.14	18.02
December	14.27	14.73	16.03	17.02	17.20	17.09
Average	15.40	16.69	17.65	17.76	18.13	17.90

See footnotes at end of table.

Table 9.1 Crude Oil Price Summary, 1973-1992 (Continued)

(Dollars per Barrel)

	Domestic First Purchase Price ^b	F.O.B. Cost of Imports ^c	Landed Cost of Imports ^d	Refiner Acquisition Cost ^a		
				Domestic	Imported	Composite
1988						
January	13.64	13.66	14.92	15.80	15.45	15.68
February	13.43	13.79	14.72	15.58	15.43	15.53
March	12.96	13.43	14.47	14.91	14.73	14.84
April	13.92	14.28	15.17	15.87	15.62	15.77
May	14.12	14.49	15.52	16.35	15.93	16.18
June	13.59	13.97	14.87	15.74	15.50	15.65
July	12.38	13.25	14.07	14.64	14.81	14.71
August	12.22	12.84	13.64	14.36	14.32	14.34
September	11.63	12.24	13.03	13.96	13.84	13.91
October	10.62	11.69	12.42	12.90	13.05	12.96
November	10.31	11.94	12.49	12.61	12.66	12.63
December	11.99	13.21	14.10	13.88	14.11	13.98
Average	12.58	13.25	14.08	14.74	14.56	14.67
1989						
January	13.80	14.67	15.68	15.50	16.04	15.73
February	14.24	15.49	16.41	16.11	16.61	16.32
March	15.65	16.73	17.47	17.34	17.77	17.52
April	17.04	18.23	18.97	18.91	19.59	19.22
May	16.76	17.51	18.33	19.01	19.05	19.03
June	16.42	16.80	17.61	18.56	18.27	18.43
July	16.32	16.47	17.39	18.32	17.99	18.18
August	15.01	16.12	16.83	17.23	17.23	17.23
September	15.58	16.49	17.28	17.70	17.62	17.66
October	16.25	17.10	17.93	18.20	18.29	18.24
November	16.30	17.34	18.16	18.45	18.32	18.39
December	17.01	18.80	19.54	19.16	20.05	19.54
Average	15.86	16.89	17.68	17.87	18.08	17.97
1990						
January	18.49	18.81	19.81	20.75	20.51	20.64
February	18.16	18.01	18.96	20.75	19.78	20.31
March	16.57	16.91	17.93	19.32	18.94	19.14
April	14.52	14.94	15.96	17.37	16.66	17.05
May	13.82	14.50	15.30	16.45	16.07	16.27
June	12.79	13.84	14.99	15.06	15.15	15.11
July	14.03	16.52	17.65	15.86	16.54	16.19
August	21.87	23.84	24.63	22.96	24.26	23.55
September	28.46	29.07	29.48	30.14	29.88	30.03
October	30.86	30.75	31.47	33.32	32.88	33.14
November	27.53	27.55	28.34	30.75	30.19	30.52
December	22.63	23.24	24.05	26.46	25.56	26.09
Average	20.03	20.37	21.13	22.59	21.76	22.22
1991						
January	19.60	19.95	20.86	23.25	22.30	22.85
February	16.28	16.31	17.26	19.55	18.30	19.03
March	15.13	15.89	17.16	18.12	17.58	17.89
April	16.16	16.58	17.78	18.56	18.32	18.46
May	16.44	16.45	17.82	18.98	18.36	18.70
June	15.58	15.81	17.16	18.16	17.78	17.98
July	16.36	16.73	17.84	18.91	18.14	18.57
August	16.60	16.99	18.20	19.10	18.71	18.92
September	16.71	17.48	18.63	19.31	19.00	19.17
October	17.72	18.12	19.03	20.39	19.86	20.16
November	17.12	17.51	18.33	20.01	19.35	19.72
December	14.68	15.11	16.19	17.84	17.17	17.56
Average	16.54	16.89	18.02	19.33	18.70	19.06
1992						
January	13.99	14.32	15.28	16.80	16.10	16.50
February	14.04	14.68	15.60	16.54	16.00	16.30
March	14.12	14.96	16.00	16.71	16.36	16.56
April	15.36	16.57	17.40	17.88	17.37	17.66
May	16.38	17.56	18.38	18.86	18.79	18.83
June	17.96	18.38	19.44	20.13	19.83	19.99
July	17.80	18.01	19.13	20.42	19.74	20.10
August	17.07	17.65	18.74	19.84	19.25	19.56
September	17.20	18.04	18.90	19.88	19.26	19.59
October	17.16	17.68	18.75	19.64	19.34	19.49
November	16.00	16.49	17.64	18.90	18.40	18.66
December	14.94	15.62	16.58	17.85	16.94	17.43
Average	15.99	16.77	17.75	18.63	18.20	18.43

^a See Note 4 at end of section.

^b See Note 1 at end of section.

^c See Note 2 at end of section.

^d See Note 3 at end of section.

^e Based on October, November, and December data only.

NA=Not available. E=Estimate.

Notes: • F.O.B. and landed costs through 1980 reflect the period of reporting; prices since then reflect the period of loading • Annual averages are the averages of the monthly prices, weighted by volume. • Geographic coverage is the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all U.S. Territories and Possessions.

Sources: See end of section.

Table 9.2 F.O.B. Costs of Crude Oil Imports from Selected Countries, 1973-1992

(Dollars per Barrel)

	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1973											
January	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	5.53	4.77	3.58	NA	6.00	3.06	NA	4.18	4.19	3.59	4.22
November	9.03	5.47	4.31	NA	7.84	3.67	NA	5.85	4.73	4.77	5.73
December	W	6.23	4.61	NA	9.59	W	NA	6.11	5.87	6.22	6.80
Average^c	7.23	5.67	4.24	NA	7.81	3.25	NA	5.39	4.84	4.06	5.43
1974											
January	W	10.64	8.62	NA	12.66	NA	NA	10.89	7.02	W	10.76
February	W	11.17	11.52	NA	13.12	NA	NA	10.87	8.30	W	11.83
March	W	11.81	11.22	NA	13.57	W	NA	11.12	8.80	10.64	11.80
April	14.17	12.11	10.88	NA	13.27	9.86	NA	10.86	10.02	11.23	11.72
May	13.92	12.12	11.61	NA	13.08	10.08	NA	11.07	10.07	11.10	11.73
June	13.75	11.91	11.15	NA	13.12	9.98	NA	10.37	11.07	11.26	11.62
July	13.10	12.80	10.91	NA	12.05	9.97	NA	10.42	10.43	10.91	11.19
August	13.01	12.63	10.92	NA	12.13	9.90	NA	10.73	10.43	10.86	11.28
September	13.16	11.66	10.16	NA	11.62	10.01	NA	10.46	10.70	10.76	10.92
October	12.45	12.62	10.55	W	11.78	10.23	NA	10.46	10.54	10.65	11.01
November	12.44	12.43	10.74	W	11.72	10.66	NA	10.61	10.67	10.99	11.11
December	12.28	12.05	10.75	W	11.74	10.51	NA	10.90	10.32	10.91	11.11
Average	13.23	11.99	10.85	W	12.44	10.17	NA	10.71	10.02	10.96	11.33
1975											
January	12.02	12.16	10.68	11.02	11.57	10.57	NA	10.77	10.66	11.07	11.16
February	11.90	12.40	10.69	11.25	11.68	10.73	NA	11.07	10.53	11.08	11.23
March	12.03	12.32	10.77	11.15	11.57	10.69	NA	11.13	10.80	11.19	11.22
April	11.78	W	10.75	11.14	11.53	10.77	NA	11.05	10.84	10.97	11.19
May	11.42	12.59	10.65	11.21	11.52	10.90	NA	10.92	10.62	11.00	11.21
June	11.40	12.48	10.61	11.20	11.55	10.48	NA	10.81	10.28	10.87	11.16
July	11.49	12.28	10.60	11.17	11.48	10.53	NA	10.81	10.64	10.82	10.97
August	11.59	12.51	10.66	11.20	11.49	10.55	NA	10.79	10.67	10.96	11.09
September	11.46	12.47	10.62	11.23	11.51	10.53	NA	10.78	10.68	10.88	11.11
October	12.51	12.75	10.76	11.79	12.33	11.00	NA	11.49	11.06	11.27	11.53
November	12.60	12.79	11.32	12.12	12.58	11.37	NA	11.58	11.57	11.75	11.91
December	12.74	12.76	11.52	12.19	12.66	11.49	NA	11.69	11.67	11.83	12.04
Average	11.93	12.55	10.81	11.44	11.82	10.87	NA	11.04	10.86	11.18	11.34
1976											
January	12.88	12.72	11.61	12.17	12.83	11.61	NA	11.13	11.68	12.00	12.08
February	12.95	12.76	11.48	12.21	12.75	11.64	NA	11.74	11.70	11.96	12.16
March	13.02	12.77	11.46	12.16	13.00	11.64	NA	11.31	11.71	12.04	12.16
April	13.00	12.76	11.57	12.20	12.99	11.62	NA	11.21	11.82	12.04	12.15
May	13.01	12.76	11.61	12.17	13.00	11.61	NA	11.13	11.74	11.95	12.12
June	13.03	12.77	11.53	12.13	12.99	11.65	NA	11.22	11.93	12.09	12.27
July	13.06	12.79	11.70	12.17	13.09	11.59	(^d)	11.23	11.96	12.05	12.22
August	13.06	12.75	11.69	12.16	13.13	11.56	NA	11.29	11.97	12.01	12.22
September	13.14	12.74	11.71	12.16	13.07	11.59	W	11.60	12.05	12.07	12.26
October	13.09	12.80	11.61	12.31	13.26	11.65	W	11.45	12.02	12.07	12.27
November	13.11	12.71	11.59	12.32	13.25	11.63	W	11.60	11.98	12.08	12.32
December	13.22	12.77	11.72	12.37	13.34	11.64	W	11.77	12.20	12.23	12.42
Average	13.05	12.76	11.61	12.22	13.08	11.62	W	11.39	11.92	12.06	12.23
1977											
January	14.03	13.41	12.05	13.42	14.10	11.93	W	12.87	12.72	12.75	12.98
February	14.30	13.42	12.43	13.43	14.24	12.06	W	13.16	13.05	12.82	13.09
March	14.27	13.56	12.81	13.41	14.33	12.21	14.16	12.84	13.07	12.93	13.22
April	14.33	13.55	12.78	13.38	14.52	12.22	W	12.62	13.05	12.95	13.19
May	14.30	13.57	12.77	13.42	14.59	12.22	14.45	12.60	13.28	13.03	13.30
June	14.34	13.62	12.68	13.42	14.57	12.21	W	12.51	13.18	13.01	13.21
July	14.43	13.58	12.79	13.44	14.55	12.40	14.19	12.48	13.25	13.19	13.31
August	14.48	13.65	12.85	13.45	14.56	12.64	14.13	12.44	13.35	13.32	13.43
September	14.42	13.61	12.74	13.44	14.52	12.72	14.21	12.59	13.30	13.36	13.43
October	14.42	13.64	12.83	13.42	14.48	12.70	13.90	12.67	13.29	13.34	13.43
November	14.38	13.61	12.75	13.43	14.50	12.74	13.90	12.61	13.30	13.45	13.49
December	14.45	13.59	12.73	13.41	14.43	12.79	13.85	12.53	13.42	13.44	13.42
Average	14.35	13.57	12.68	13.42	14.44	12.38	14.11	12.63	13.19	13.13	13.29

See footnotes at end of table.

**Table 9.2 F.O.B. Costs of Crude Oil Imports from Selected Countries, 1973-1992
(Continued)**

(Dollars per Barrel)

	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1978											
January	14.28	13.66	12.62	13.43	14.20	12.70	13.71	12.58	13.35	13.38	13.36
February	14.19	13.60	12.67	13.42	14.18	12.80	W	12.61	13.30	13.32	13.36
March	14.20	13.60	12.69	13.44	14.13	12.80	W	12.86	13.28	13.38	13.39
April	14.09	13.61	12.68	13.42	13.91	12.74	13.75	12.54	13.25	13.28	13.29
May	14.01	13.52	12.65	13.42	13.95	12.70	13.64	12.09	13.26	13.30	13.25
June	14.06	13.62	12.58	13.31	13.89	12.67	13.65	12.32	13.29	13.25	13.27
July	14.06	13.62	12.70	13.13	13.92	12.65	13.72	12.04	13.30	13.27	13.24
August	14.05	13.62	12.64	13.16	13.88	12.66	13.80	12.26	13.35	13.22	13.23
September	14.07	13.57	12.63	13.14	13.96	12.68	13.74	12.46	13.38	13.22	13.27
October	14.12	13.58	12.64	13.14	14.08	12.60	14.14	12.32	13.37	13.17	13.25
November	14.16	13.75	12.62	13.18	14.12	12.65	13.85	12.40	13.45	13.23	13.31
December	14.17	13.61	12.67	13.12	14.26	12.77	14.08	12.43	13.49	13.38	13.46
Average	14.12	13.61	12.65	13.24	14.05	12.70	13.82	12.38	13.35	13.28	13.31
1979											
January	14.92	14.20	W	13.90	14.97	13.38	15.46	13.43	14.48	13.95	14.08
February	14.85	14.13	W	14.15	15.09	13.51	15.37	13.36	14.88	14.15	14.28
March	15.33	14.25	W	14.37	15.17	13.87	15.33	13.16	15.73	14.94	14.89
April	16.90	15.97	18.01	16.78	18.31	15.15	17.87	14.76	17.04	16.16	16.60
May	19.11	16.77	17.24	17.95	19.79	15.01	18.16	15.54	18.54	17.22	17.55
June	21.18	18.61	19.84	17.44	22.06	18.56	21.47	16.03	20.06	19.43	19.66
July	22.51	20.95	22.77	22.13	24.45	18.95	24.87	17.39	22.79	20.74	21.45
August	23.44	21.72	21.58	22.34	25.36	18.71	25.77	18.51	24.30	21.51	21.94
September	23.61	22.08	27.31	22.61	25.70	18.56	25.70	18.09	24.87	22.28	23.05
October	24.39	22.72	26.80	24.78	25.40	19.77	25.60	18.97	24.82	22.05	23.06
November	26.25	23.54	29.01	24.25	27.52	23.63	25.86	18.83	28.20	26.18	26.13
December	28.89	25.03	35.12	24.08	29.78	23.12	25.90	20.79	28.73	27.14	27.53
Average	20.53	19.03	22.93	20.27	21.69	17.28	21.70	16.90	21.10	19.27	19.88
1980											
January	33.05	27.90	NA	28.91	31.67	24.77	30.39	25.46	31.51	28.66	29.07
February	35.29	30.76	W	31.87	34.20	25.57	31.94	25.33	33.25	30.14	30.78
March	36.92	31.32	W	30.45	35.25	26.14	33.74	23.02	33.60	30.10	30.97
April	36.79	32.07	(d)	30.27	36.03	27.65	34.70	23.74	33.50	30.51	31.66
May	37.07	32.44	(d)	30.58	36.90	27.75	34.21	23.43	34.22	31.24	32.33
June	37.66	32.88	(d)	30.76	36.89	28.60	36.29	25.31	34.79	32.29	32.77
July	38.30	33.32	(d)	31.72	37.69	28.39	36.27	24.62	35.54	32.00	32.94
August	37.29	33.08	(d)	31.86	36.81	29.54	34.82	24.49	36.04	32.97	33.29
September	37.21	32.97	(d)	31.50	36.47	29.86	35.31	25.02	35.14	32.72	33.20
October	37.40	32.48	(d)	31.34	36.69	30.05	35.76	21.92	35.52	32.78	33.07
November	37.18	32.79	(d)	31.62	37.13	31.46	35.51	26.67	35.75	34.31	34.27
December	37.47	33.53	(d)	31.99	36.92	31.99	W	27.17	35.62	34.11	34.23
Average	36.67	32.17	NA	31.06	35.93	28.17	34.36	24.81	34.34	31.57	32.21
1981											
January	39.46	36.37	(d)	35.21	39.88	32.80	38.46	32.85	38.71	35.33	36.41
February	40.38	36.09	(d)	36.93	39.95	32.85	39.22	30.37	38.80	36.15	36.51
March	40.15	36.33	(d)	35.68	39.71	32.74	39.21	31.10	38.74	35.96	36.61
April	39.59	36.20	(d)	33.86	39.60	32.40	38.96	29.25	38.55	35.50	35.94
May	39.78	36.01	(d)	34.41	39.27	32.22	36.42	27.75	37.86	35.09	35.55
June	38.90	35.90	(d)	30.28	38.71	32.31	34.72	28.81	37.53	35.03	35.36
July	37.69	34.58	(d)	32.38	39.09	32.13	34.79	28.52	35.39	33.17	33.48
August	39.09	34.89	(d)	30.93	37.99	31.97	34.67	26.67	35.65	33.55	33.59
September	38.91	35.15	(d)	30.36	35.97	32.13	35.00	28.47	34.58	33.70	33.88
October	37.38	34.52	(d)	31.01	35.49	33.46	34.90	27.69	34.50	34.38	34.02
November	36.63	35.30	(d)	31.48	36.44	33.76	36.03	28.52	34.61	34.81	34.89
December	37.38	36.08	(d)	31.25	36.42	33.88	36.44	28.02	34.35	34.60	34.92
Average	39.08	35.62	(d)	33.01	38.31	32.60	36.06	28.95	36.69	34.79	35.17
1982											
January	36.97	35.17	(d)	29.66	36.01	33.96	36.20	28.23	33.92	34.23	34.58
February	35.57	35.47	(d)	30.93	36.06	33.69	34.01	28.94	33.54	34.04	34.55
March	W	35.55	(d)	27.87	35.41	34.13	31.11	21.04	31.62	34.29	33.96
April	30.54	35.33	(d)	26.96	33.81	33.85	W	21.65	30.62	33.70	33.15
May	32.93	34.60	W	28.21	35.11	33.33	32.18	22.60	31.74	33.23	33.14
June	W	35.91	W	27.94	34.94	33.60	33.73	21.70	31.95	33.70	33.70
July	33.58	34.66	W	28.47	35.10	33.66	33.74	23.14	31.77	33.77	33.57
August	33.01	35.58	30.82	27.51	34.96	33.00	33.51	20.56	31.57	33.07	32.90
September	33.84	35.22	W	28.07	34.66	33.38	33.65	23.30	31.95	33.60	32.79
October	34.52	35.28	W	27.66	35.14	34.18	33.63	23.20	31.78	34.27	33.40
November	34.61	34.99	29.80	27.57	35.03	33.86	33.95	23.75	31.74	33.86	33.07
December	34.57	34.42	29.09	27.63	33.18	33.98	33.01	26.21	31.18	34.07	32.45
Average	34.20	35.11	30.97	28.08	35.13	33.73	33.42	23.74	31.96	33.84	33.48

See footnotes at end of table.

**Table 9.2 F.O.B. Costs of Crude Oil Imports from Selected Countries, 1973-1992
(Continued)**

(Dollars per Barrel)

	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1983											
January	W	34.71	W	26.85	W	W	32.65	21.58	30.00	31.93	31.30
February	W	33.74	(^d)	25.65	31.07	W	31.54	21.82	28.10	32.22	29.13
March	30.83	29.14	W	24.50	29.57	30.03	29.16	20.04	27.06	30.54	27.81
April	29.40	29.57	W	24.18	29.63	27.62	29.97	20.05	27.55	28.74	28.16
May	29.80	29.34	W	24.60	29.72	W	29.75	19.88	27.41	28.21	28.44
June	29.80	29.58	28.19	24.18	29.58	27.89	29.17	20.80	27.75	28.82	28.78
July	30.15	29.65	29.01	24.87	29.88	27.88	30.00	19.89	27.81	28.98	28.63
August	30.32	29.59	28.16	25.18	30.04	27.28	30.01	21.56	28.41	28.11	28.39
September	30.33	29.83	28.03	25.09	29.59	27.53	30.32	21.83	28.45	27.95	28.26
October	29.98	29.58	28.18	25.81	30.23	27.70	29.73	23.58	27.95	28.00	28.40
November	29.75	29.50	W	25.75	30.03	27.32	29.42	23.16	28.00	27.97	28.32
December	29.26	29.63	28.30	26.20	29.61	26.73	29.05	24.17	27.65	26.95	27.71
Average	30.09	29.92	28.39	25.20	29.81	27.53	29.91	21.48	27.96	28.28	28.46
1984											
January	28.27	29.63	W	26.22	29.71	27.71	29.36	24.31	27.74	27.82	28.26
February	29.06	29.13	W	26.04	30.35	26.65	29.75	23.98	28.19	27.79	28.15
March	29.51	29.33	(^d)	26.30	29.81	27.70	30.07	23.86	27.84	28.39	28.36
April	29.09	29.47	W	26.07	30.18	27.64	29.86	23.93	28.04	28.31	28.24
May	29.06	29.50	W	26.36	29.96	27.63	29.93	24.07	28.19	28.23	28.22
June	28.88	29.41	(^d)	26.58	29.84	27.93	29.67	24.23	28.03	28.12	28.12
July	27.43	29.32	W	26.60	W	W	28.96	24.03	27.81	27.33	27.04
August	26.97	29.30	W	26.71	29.02	W	28.14	23.91	27.67	27.68	27.45
September	26.90	29.11	W	26.34	29.24	27.99	27.99	24.74	27.66	27.20	27.48
October	27.42	28.68	W	26.44	28.31	W	28.50	24.60	27.48	27.04	27.14
November	26.50	28.70	(^d)	26.67	28.32	(^d)	27.61	24.43	27.14	26.79	27.05
December	25.13	28.03	(^d)	26.43	27.86	(^d)	27.85	24.32	26.77	25.73	26.60
Average	28.34	29.13	27.42	26.39	29.51	27.67	28.87	24.23	27.79	27.79	27.79
1985											
January	25.47	27.43	(^d)	26.43	27.22	W	27.70	24.32	26.11	26.22	26.15
February	W	27.62	(^d)	26.13	27.41	W	W	24.36	26.08	26.53	26.48
March	26.50	27.01	W	26.45	28.20	(^d)	W	24.91	26.36	26.44	26.47
April	27.34	27.46	W	26.42	27.95	(^d)	27.99	24.57	26.57	27.07	26.81
May	W	27.30	W	26.34	27.81	(^d)	27.37	24.51	26.17	W	26.29
June	W	27.06	W	24.99	27.09	(^d)	26.65	24.32	26.00	W	25.72
July	W	27.44	W	24.49	27.86	(^d)	26.51	23.13	25.50	W	25.71
August	(^d)	26.74	W	24.81	27.83	(^d)	26.98	22.59	25.92	(^d)	25.36
September	W	25.29	W	24.72	27.97	W	27.60	22.49	25.97	W	25.29
October	W	26.95	W	24.76	28.30	W	28.22	22.84	26.08	W	25.60
November	W	27.24	W	24.57	28.67	W	28.69	23.08	26.67	24.40	25.68
December	27.97	27.49	W	23.57	29.19	18.48	28.08	22.78	25.86	19.80	23.29
Average	26.89	27.12	W	25.33	28.04	22.04	27.64	23.64	26.12	24.34	25.67
1986											
January	25.21	26.68	(^d)	19.96	26.17	12.75	25.15	21.40	23.21	14.74	21.02
February	W	W	W	14.26	19.83	11.64	17.82	12.56	16.82	11.63	13.99
March	W	13.32	W	11.60	15.78	11.95	15.62	10.45	13.43	12.15	12.53
April	W	10.77	W	10.39	14.54	12.12	12.14	10.48	11.87	12.04	11.82
May	12.17	11.28	W	10.72	13.58	7.91	13.25	10.82	11.91	8.80	10.46
June	W	11.84	W	9.93	12.31	8.54	12.91	9.54	11.88	9.03	10.33
July	W	10.00	W	8.61	10.99	10.15	10.38	7.71	10.55	10.20	9.85
August	W	9.82	W	10.55	11.44	9.35	10.45	9.96	11.52	9.80	10.36
September	W	12.22	(^d)	11.58	13.43	10.45	13.47	10.16	12.35	10.64	11.31
October	W	12.47	W	11.40	13.86	11.34	13.65	10.26	12.64	11.45	11.81
November	W	12.05	(^d)	11.78	13.88	13.65	14.05	10.73	12.84	13.37	12.64
December	W	W	W	12.73	15.04	15.15	15.26	12.68	13.80	14.98	14.13
Average	13.62	13.19	W	11.84	14.35	11.36	13.84	10.92	13.32	11.59	12.21
1987											
January	16.30	15.22	W	15.55	17.38	14.51	17.42	13.75	15.72	14.81	14.92
February	16.00	17.75	W	15.34	18.07	W	W	13.93	16.52	16.12	15.84
March	W	16.91	W	16.02	17.72	W	17.36	14.76	16.31	16.37	16.34
April	W	17.24	W	16.40	18.44	W	17.79	15.29	16.83	16.46	16.78
May	W	17.28	W	17.68	18.68	16.77	18.36	15.65	17.14	16.83	16.92
June	W	17.67	W	17.78	18.75	W	18.61	16.24	17.58	16.76	17.24
July	W	17.89	W	18.75	18.93	16.43	19.33	16.49	18.07	16.72	17.35
August	18.09	18.46	W	17.54	19.58	W	19.55	15.70	18.18	17.03	17.35
September	W	17.74	W	16.27	18.58	W	18.35	15.50	17.47	16.89	17.05
October	W	17.66	W	16.64	18.69	12.74	18.40	15.69	17.39	14.22	16.01
November	W	17.56	(^d)	15.51	18.49	12.99	17.90	14.47	17.03	15.64	16.27
December	W	16.28	(^d)	12.72	17.61	12.35	W	13.23	15.99	13.29	14.50
Average	16.79	17.40	W	16.36	18.47	15.12	18.28	15.08	17.11	15.80	16.43

See footnotes at end of table.

Table 9.2 F.O.B. Costs of Crude Oil Imports from Selected Countries, 1973-1992
(Continued)

(Dollars per Barrel)

	Algeria	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1988											
January	W	16.62	(d)	12.79	17.04	11.41	16.23	12.37	14.96	12.17	13.26
February	W	16.16	(d)	12.91	15.80	12.78	W	12.31	14.59	13.16	13.73
March	W	13.65	(d)	11.81	15.72	12.90	14.68	12.67	13.82	13.18	13.80
April	W	14.59	(d)	13.65	16.10	12.77	15.20	13.44	14.70	13.37	14.23
May	W	15.63	(d)	13.68	16.06	W	16.10	13.54	14.91	13.61	14.44
June	W	15.26	(d)	12.82	15.60	12.75	15.32	13.80	14.17	13.23	14.12
July	W	14.06	(d)	12.17	15.14	11.27	14.43	13.18	13.57	12.23	13.40
August	W	13.58	(d)	12.37	14.93	10.15	14.86	12.65	13.07	11.57	12.72
September	W	12.84	(d)	11.69	13.71	9.44	W	12.38	12.33	10.32	12.15
October	W	11.47	(d)	10.00	13.66	W	12.69	12.93	11.51	11.36	12.32
November	W	11.48	(d)	10.16	13.74	W	W	12.45	11.80	12.92	12.80
December	W	W	(d)	12.31	15.56	W	13.59	13.46	12.78	13.51	13.85
Average	W	13.81	(d)	12.18	15.16	12.16	14.80	12.96	13.45	12.57	13.43
1989											
January	W	14.52	(d)	13.98	16.11	W	W	13.10	15.05	14.91	14.77
February	W	17.14	(d)	14.25	17.15	W	16.33	14.00	15.83	16.35	15.98
March	W	17.05	(d)	14.98	18.37	W	W	16.62	17.29	17.45	17.37
April	W	17.78	(d)	17.44	19.81	W	W	17.77	18.75	16.85	18.35
May	W	W	(d)	16.95	18.60	W	W	16.78	17.97	15.98	17.28
June	W	17.78	(d)	16.62	17.68	15.54	W	15.42	17.12	16.01	16.49
July	W	17.61	(d)	16.41	17.67	W	17.66	14.34	16.74	15.66	16.02
August	W	W	(d)	15.22	17.25	W	17.11	15.82	16.08	15.91	16.36
September	W	16.37	(d)	15.37	18.00	W	17.22	16.02	16.62	16.50	16.68
October	W	16.35	(d)	16.12	18.99	W	17.78	15.45	17.37	17.05	17.20
November	W	17.28	(d)	16.44	19.11	18.09	18.37	15.56	17.45	17.53	17.52
December	W	W	(d)	17.74	19.93	W	19.57	19.32	18.43	18.70	19.24
Average	W	17.01	(d)	15.96	18.31	16.29	17.89	16.09	17.12	16.72	17.06
1990											
January	W	19.25	(d)	18.04	21.22	W	21.00	16.73	19.13	17.96	18.67
February	W	19.43	(d)	16.68	20.41	W	W	16.01	18.36	16.64	18.11
March	W	18.98	(d)	16.24	18.41	W	W	15.95	16.82	14.98	16.85
April	W	17.38	(d)	13.30	16.79	11.44	16.13	15.57	14.77	13.02	15.09
May	W	16.19	(d)	12.11	16.50	12.97	15.69	14.60	14.19	12.42	14.67
June	W	15.20	(d)	10.74	15.58	W	W	13.11	13.89	14.56	14.59
July	W	15.06	(d)	12.84	17.12	W	15.10	16.66	17.79	20.27	18.17
August	W	19.12	(d)	21.16	25.65	31.09	21.18	24.33	22.63	28.97	25.44
September	W	W	(d)	27.04	32.74	W	33.05	27.71	30.02	28.02	29.23
October	W	35.41	(d)	29.15	37.31	28.73	32.53	26.39	33.13	29.85	30.39
November	W	W	(d)	27.18	33.56	21.20	W	22.96	29.56	23.39	26.77
December	W	W	(d)	22.58	29.38	14.41	W	20.41	25.32	16.17	21.87
Average	W	21.29	(d)	19.26	22.46	20.36	23.43	19.55	19.88	18.84	20.40
1991											
January	W	W	(d)	19.39	24.68	12.69	W	17.04	21.24	16.04	19.45
February	W	20.82	(d)	13.62	20.48	14.06	W	14.50	17.12	14.56	16.73
March	W	W	(d)	13.59	19.44	W	24.50	14.90	16.18	15.24	16.48
April	W	16.85	(d)	15.34	19.12	15.14	W	15.38	16.90	15.72	16.88
May	W	W	(d)	15.24	19.35	15.15	W	14.68	16.95	15.71	16.71
June	W	16.77	(d)	14.68	18.38	14.54	W	13.62	16.33	15.29	16.04
July	W	W	(d)	15.24	19.44	W	19.45	14.85	17.41	15.86	16.86
August	W	W	(d)	15.34	20.20	16.35	W	14.64	17.82	16.81	17.23
September	W	W	(d)	15.40	21.10	15.85	20.24	15.53	18.79	16.76	17.57
October	W	18.50	(d)	16.91	22.55	14.61	W	16.44	19.42	15.76	18.12
November	W	W	(d)	16.30	21.63	13.33	21.67	14.77	18.97	15.02	17.03
December	W	W	(d)	13.47	18.99	12.72	W	12.62	16.57	14.32	15.03
Average	W	18.69	15.58	15.37	20.29	14.62	20.81	14.91	17.79	15.59	16.99
1992											
January	W	W	(d)	12.45	18.58	W	(d)	12.32	15.44	14.07	14.50
February	W	W	(d)	12.40	18.28	14.61	W	12.53	16.04	15.35	15.04
March	(d)	W	(d)	12.68	18.10	14.87	W	12.45	16.01	15.20	15.28
April	W	16.23	(d)	14.11	19.59	W	W	14.38	17.10	17.26	17.25
May	W	W	(d)	16.05	20.47	17.61	W	15.03	18.35	18.13	17.83
June	W	W	(d)	17.09	21.42	W	20.14	15.33	19.20	17.95	18.44
July	W	W	(d)	16.88	20.83	17.60	W	15.10	18.74	18.20	18.09
August	W	W	(d)	16.36	20.33	W	20.00	15.38	18.43	17.99	17.69
September	(d)	W	(d)	16.88	20.84	16.69	20.20	16.21	18.65	17.11	18.01
October	(d)	W	(d)	16.90	20.76	W	W	15.40	18.70	15.89	17.42
November	(d)	W	(d)	15.78	20.00	14.62	19.82	13.82	17.57	15.12	15.97
December	W	W	(d)	14.79	18.42	15.62	W	13.38	16.13	15.91	15.60
Average	W	17.06	(d)	15.26	19.98	15.85	19.61	14.39	17.65	16.50	16.87

^a The Arab members of OPEC are Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, and the United Arab Emirates.

^b "Total OPEC" consists of Ecuador, Gabon, Indonesia, Iran, Nigeria, and Venezuela, as well as the Arab members. The cost of imports from the Neutral Zone between Kuwait and Saudi Arabia is included in the cost of imports from "Total OPEC."

^c Based on October, November, and December data only.

^d No data reported.

NA=Not available. W=Value withheld to avoid disclosure of individual

company data.

Notes: • The Free on Board (F.O.B) cost at the country of origin excludes all costs related to insurance and transportation. See Note 2 at end of section. • Prices through 1980 reflect the period of reporting; prices since then reflect the period of loading. • Annual averages are averages of the monthly prices, including prices not published, weighted by volume. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.3 Landed Costs of Crude Oil Imports from Selected Countries, 1973-1992

(Dollars per Barrel)

	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1973												
January	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	(^c)	NA	NA	NA	NA	NA	NA	NA	NA
October	6.70	4.82	6.41	6.18	NA	7.46	5.28	NA	4.80	5.91	5.63	5.89
November	10.42	4.88	7.24	6.69	NA	9.01	5.54	NA	6.37	7.23	6.30	7.07
December	W	6.39	7.62	6.52	NA	10.71	W	NA	6.76	10.13	7.61	8.01
Average^d	8.39	5.33	7.22	6.48	NA	9.08	5.37	NA	5.99	6.99	5.92	6.85
1974												
January	W	6.91	11.83	10.56	NA	13.67	(^c)	NA	11.35	14.92	W	11.94
February	W	11.13	12.35	13.49	NA	13.96	(^c)	NA	11.38	13.81	W	13.10
March	W	11.11	13.07	13.06	NA	14.36	W	NA	11.56	13.31	12.20	13.04
April	15.06	11.24	13.20	12.57	NA	14.20	11.69	NA	11.48	13.87	12.90	13.01
May	14.59	11.58	13.38	13.15	NA	14.02	11.48	NA	11.54	13.12	12.44	12.93
June	14.48	13.11	13.03	12.74	NA	13.93	11.69	NA	10.98	13.33	12.69	12.84
July	13.76	12.27	14.11	12.14	NA	12.87	11.56	NA	10.99	12.79	12.40	12.33
August	13.57	12.34	13.65	12.39	NA	12.86	11.21	NA	11.33	12.70	12.18	12.36
September	13.87	12.34	12.81	11.64	NA	12.35	11.32	NA	11.02	12.72	12.04	11.97
October	13.06	12.12	13.95	12.18	W	12.32	11.61	NA	11.06	12.32	12.04	12.10
November	13.09	12.24	13.95	12.13	W	11.97	11.91	NA	11.17	12.60	12.40	12.16
December	13.39	12.16	13.60	12.40	W	12.33	12.01	NA	11.34	12.56	12.45	12.34
Average	13.97	11.48	13.20	12.48	W	13.16	11.63	NA	11.25	12.93	12.39	12.49
1975												
January	12.74	12.37	13.53	12.23	11.83	12.28	12.03	NA	11.18	12.38	12.45	12.30
February	12.85	12.28	13.72	12.30	12.13	12.41	12.02	NA	11.98	12.38	12.43	12.43
March	12.76	12.81	13.49	12.25	11.95	12.18	12.20	NA	12.27	12.63	12.60	12.41
April	12.29	12.84	W	12.32	12.15	12.14	12.19	NA	12.15	12.34	12.28	12.32
May	12.49	12.27	13.57	12.82	11.94	12.28	12.25	NA	12.21	12.51	12.51	12.53
June	12.36	12.32	13.64	12.78	12.31	12.56	11.70	NA	12.45	12.22	12.23	12.58
July	12.66	12.75	13.91	12.11	13.06	12.47	12.21	NA	12.41	12.44	12.45	12.46
August	12.69	12.46	13.94	12.28	12.71	12.45	12.49	NA	12.29	12.45	12.58	12.54
September	12.82	12.75	13.81	12.15	12.99	12.83	12.06	NA	12.36	12.47	12.41	12.58
October	13.21	13.33	14.10	12.53	13.07	13.39	13.06	NA	13.13	13.24	13.19	13.19
November	13.64	14.15	14.14	13.02	13.16	13.45	13.35	NA	13.23	13.42	13.50	13.42
December	13.71	13.93	14.11	13.40	13.01	13.55	12.98	NA	12.51	13.21	13.16	13.29
Average	12.86	12.84	13.83	12.51	12.61	12.70	12.50	NA	12.36	12.66	12.71	12.70
1976												
January	13.79	12.97	13.91	13.05	12.64	13.57	13.17	NA	11.56	13.32	13.31	13.27
February	14.00	13.18	13.99	12.82	12.60	13.31	13.19	NA	12.18	13.24	13.32	13.25
March	13.89	13.15	13.96	12.83	12.61	13.68	13.19	NA	11.73	13.30	13.35	13.29
April	13.83	13.42	13.87	12.99	12.58	13.64	13.12	NA	11.61	13.33	13.30	13.26
May	13.52	13.50	13.79	12.88	12.52	13.69	13.03	NA	11.57	13.30	13.21	13.20
June	13.81	13.89	13.88	12.98	12.55	13.80	13.14	NA	11.77	13.22	13.30	13.35
July	13.94	13.22	13.81	12.80	12.66	13.88	12.94	W	11.81	13.44	13.26	13.28
August	13.94	13.50	13.86	13.13	12.70	13.92	13.06	(^c)	11.95	13.42	13.33	13.38
September	14.04	13.44	13.79	12.82	12.57	13.84	12.90	W	12.07	13.40	13.30	13.32
October	13.87	13.49	13.89	12.78	12.77	14.01	12.91	W	12.00	13.39	13.26	13.32
November	13.92	13.32	13.80	12.63	12.71	13.99	13.09	W	12.15	13.46	13.36	13.39
December	14.18	13.30	13.75	12.83	12.76	14.16	13.11	W	12.21	13.43	13.43	13.46
Average	13.90	13.36	13.85	12.86	12.64	13.81	13.06	W	11.89	13.36	13.31	13.32
1977												
January	14.89	13.64	14.49	13.25	13.82	14.98	13.33	W	13.24	14.14	13.97	14.05
February	15.23	13.69	14.57	13.73	14.00	15.20	13.54	W	13.50	14.41	14.12	14.27
March	15.11	14.03	14.61	13.95	13.84	15.24	13.60	14.83	13.27	14.59	14.18	14.33
April	15.25	14.02	14.71	14.03	13.79	15.42	13.53	W	13.20	14.60	14.19	14.33
May	15.28	14.91	14.61	14.13	13.79	15.48	13.55	15.21	13.14	14.60	14.24	14.41
June	15.37	14.41	14.66	13.94	13.83	15.39	13.45	W	13.04	14.59	14.19	14.28
July	15.31	14.00	14.75	13.93	13.87	15.40	13.72	15.02	13.01	14.62	14.34	14.38
August	15.38	14.10	14.64	13.79	13.84	15.32	13.79	14.93	12.88	14.62	14.36	14.34
September	15.31	14.24	14.62	13.85	13.75	15.32	14.05	14.87	13.08	14.65	14.53	14.46
October	15.43	14.02	14.70	13.85	13.82	15.34	13.90	14.54	13.11	14.61	14.46	14.43
November	15.14	14.29	14.75	13.90	13.84	15.26	13.92	14.52	13.00	14.57	14.43	14.44
December	15.25	14.47	14.64	13.98	13.72	15.19	14.08	14.56	12.95	14.68	14.57	14.48
Average	15.24	14.13	14.65	13.86	13.82	15.29	13.69	14.83	13.11	14.56	14.30	14.35

See footnotes at end of table.

**Table 9.3 Landed Costs of Crude Oil Imports from Selected Countries, 1973-1992
(Continued)**

(Dollars per Barrel)

	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1978												
January	15.02	14.12	14.75	13.98	13.77	14.95	13.94	14.39	12.97	14.53	14.39	14.37
February	14.93	13.84	14.61	13.74	13.71	14.91	14.07	W	12.93	14.46	14.36	14.33
March	14.86	13.58	14.54	13.91	13.66	14.89	13.94	W	13.22	14.51	14.34	14.33
April	14.91	14.02	14.64	13.99	13.66	14.67	13.94	14.28	12.89	14.45	14.29	14.29
May	14.71	14.39	14.51	13.94	13.66	14.74	13.90	14.35	12.44	14.40	14.29	14.24
June	14.80	15.07	14.58	13.92	13.51	14.61	13.86	14.19	12.73	14.46	14.27	14.24
July	14.83	14.64	14.75	13.93	13.35	14.64	13.81	14.29	12.41	14.47	14.28	14.23
August	14.83	14.78	14.64	13.76	13.52	14.59	13.82	14.48	12.74	14.58	14.27	14.22
September	14.77	13.92	14.58	13.83	13.46	14.78	13.99	14.53	13.03	14.53	14.33	14.30
October	14.94	14.71	14.68	13.89	13.42	15.03	13.89	14.85	12.78	14.71	14.34	14.35
November	15.32	14.72	14.85	13.89	13.63	15.08	14.05	14.81	13.02	14.78	14.50	14.48
December	15.31	14.96	14.84	13.80	13.55	15.32	14.04	15.00	13.05	14.93	14.61	14.63
Average	14.93	14.41	14.65	13.89	13.56	14.88	13.94	14.53	12.84	14.58	14.36	14.34
1979												
January	16.01	15.32	15.50	W	14.49	16.02	14.74	16.50	14.06	15.62	15.20	15.29
February	16.16	15.90	15.57	W	14.76	16.22	14.87	16.09	13.95	16.16	15.49	15.55
March	16.46	16.41	15.78	W	15.02	16.33	15.42	16.39	13.72	16.95	16.31	16.17
April	18.00	17.45	17.37	19.14	17.17	19.30	16.34	18.97	15.32	18.39	17.36	17.73
May	20.21	18.65	18.03	18.36	18.37	20.93	16.29	19.50	16.45	19.95	18.50	18.75
June	22.23	19.13	20.08	21.90	17.72	23.40	20.05	22.52	16.78	21.60	20.83	21.13
July	23.91	20.23	22.44	23.92	22.41	25.82	20.26	26.32	18.32	24.58	22.05	22.71
August	24.95	23.07	23.19	22.80	22.72	26.69	20.14	27.45	19.33	26.20	22.91	23.26
September	24.89	25.64	23.68	28.48	22.62	27.01	20.08	27.17	18.81	26.80	23.81	24.48
October	25.99	23.54	24.28	27.84	25.34	26.73	21.24	26.42	19.81	26.79	23.58	24.48
November	27.73	26.03	25.23	30.63	24.85	29.34	25.61	30.36	19.70	29.81	27.61	27.64
December	30.65	26.52	26.94	36.28	24.91	31.11	25.25	27.08	21.86	31.19	28.54	28.89
Average	21.88	20.22	20.63	24.21	20.77	22.97	18.95	22.97	17.65	22.86	20.79	21.29
1980												
January	34.82	27.99	29.71	NA	29.55	33.07	26.54	31.95	26.51	33.69	30.42	30.74
February	36.43	29.96	32.84	W	32.49	35.66	27.34	33.22	26.11	35.09	31.65	32.27
March	38.55	30.77	32.91	W	31.17	36.63	27.62	35.34	24.29	35.20	31.30	32.17
April	38.53	30.29	33.77	(c)	30.84	37.24	28.94	35.78	25.03	35.38	31.85	32.91
May	38.09	31.16	34.14	(c)	31.18	37.96	29.49	35.84	24.48	35.80	32.66	33.60
June	38.51	31.26	34.63	(c)	31.43	38.08	30.03	37.41	26.48	36.58	33.56	34.04
July	39.56	31.32	35.00	(c)	32.51	38.82	30.00	37.25	25.85	37.39	33.41	34.24
August	38.74	31.44	35.08	(c)	32.67	37.80	31.13	36.08	25.61	37.64	34.31	34.63
September	38.38	30.96	34.69	(c)	32.13	37.68	31.51	36.62	26.21	36.87	34.11	34.55
October	38.13	29.31	34.06	(c)	32.04	37.88	31.54	37.15	23.25	37.18	33.94	34.32
November	37.85	28.81	34.35	W	32.42	37.92	33.05	36.62	27.58	37.63	35.42	35.42
December	38.84	29.54	35.25	(c)	33.10	38.33	33.69	W	28.21	37.66	35.53	35.65
Average	37.92	30.11	33.92	NA	31.77	37.15	29.80	35.68	25.92	36.15	32.97	33.56
1981												
January	41.19	34.73	38.31	(c)	36.18	41.45	34.32	40.12	33.81	40.72	36.72	37.83
February	41.87	33.70	38.07	(c)	37.49	41.58	34.49	40.59	31.33	40.84	37.62	38.07
March	41.60	33.97	38.16	(c)	36.43	40.99	34.28	40.72	31.89	40.68	37.29	37.98
April	40.96	33.74	38.04	(c)	34.36	40.97	34.11	40.41	30.29	40.27	36.82	37.37
May	40.83	32.76	37.78	(c)	34.89	40.18	33.77	37.46	28.80	39.63	36.38	36.90
June	40.21	32.82	37.80	(c)	31.00	40.08	33.75	36.36	29.66	39.10	36.36	36.78
July	39.14	31.32	36.16	(c)	33.07	40.27	33.80	36.19	29.50	37.18	34.75	35.03
August	40.85	30.44	36.53	(c)	31.60	39.00	33.68	35.74	27.80	37.25	35.18	35.19
September	40.86	30.78	36.94	(c)	30.83	37.29	33.71	35.98	29.39	36.19	35.24	35.38
October	38.16	31.30	36.17	(c)	31.50	36.71	34.94	36.01	28.71	36.20	35.78	35.41
November	37.65	30.86	36.71	(c)	32.18	37.62	35.06	36.88	29.39	36.82	36.10	36.16
December	38.16	31.41	37.32	(c)	31.82	37.68	35.39	37.32	29.04	36.26	36.05	36.26
Average	40.46	32.32	37.31	(c)	33.70	39.66	34.20	37.29	29.91	38.54	36.22	36.60
1982												
January	38.33	31.18	36.94	(c)	30.15	37.25	34.78	36.79	29.14	35.82	35.26	35.74
February	37.09	29.02	36.84	(c)	31.48	37.18	34.58	35.04	30.21	35.60	34.94	35.52
March	W	26.57	37.18	(c)	28.68	35.87	35.04	31.35	23.93	33.63	35.42	35.14
April	31.67	25.20	36.79	(c)	27.59	34.84	35.00	W	22.88	32.43	34.94	34.51
May	34.19	25.34	36.59	W	28.82	35.95	34.00	32.85	23.73	33.66	34.23	34.38
June	35.42	24.96	37.38	W	28.50	36.02	35.55	34.84	22.86	34.38	35.64	35.19
July	35.05	26.83	36.59	W	29.11	36.19	35.22	34.76	24.28	33.74	35.29	35.01
August	33.99	26.71	36.71	31.43	27.90	36.04	34.59	34.32	21.78	33.64	34.52	34.16
September	34.89	26.66	36.60	W	28.49	35.69	34.69	34.50	24.36	34.17	34.89	34.08
October	35.54	27.20	36.86	33.05	28.21	36.16	35.40	34.69	24.27	33.81	35.48	34.69
November	35.83	27.16	36.49	32.66	28.17	36.09	35.42	34.76	24.98	34.03	35.42	34.46
December	35.72	27.35	35.90	32.73	28.19	34.65	36.17	33.90	27.09	33.43	36.10	34.16
Average	35.35	27.15	36.70	32.46	28.63	36.16	34.99	34.25	24.93	34.03	35.15	34.81

See footnotes at end of table.

**Table 9.3 Landed Costs of Crude Oil Imports from Selected Countries, 1973-1992
(Continued)**

(Dollars per Barrel)

	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1983												
January	33.20	27.60	36.12	W	27.44	W	W	33.44	23.20	32.07	33.56	33.11
February	32.17	26.19	35.07	(^c)	26.15	32.24	W	32.66	23.36	29.92	33.00	30.42
March	31.24	24.78	30.68	W	25.06	30.55	31.67	30.03	21.48	28.78	31.38	28.88
April	30.55	24.41	31.04	W	24.65	30.63	28.99	30.84	21.45	29.15	29.97	29.42
May	30.48	24.37	30.80	W	25.17	30.75	W	30.60	21.24	29.42	29.81	29.78
June	30.88	24.92	31.43	29.22	24.81	30.56	29.86	30.06	22.07	29.50	30.25	30.12
July	31.36	25.45	31.35	30.06	25.34	30.91	29.49	30.86	21.30	29.53	30.40	29.98
August	31.85	25.45	31.65	29.58	25.80	31.25	28.97	30.91	22.82	29.97	29.78	29.95
September	31.78	25.71	31.32	29.41	25.66	30.70	29.13	31.52	23.12	30.17	29.53	29.62
October	30.97	26.01	31.26	29.62	26.44	31.16	29.41	30.79	24.75	29.75	29.66	29.80
November	30.96	25.83	31.51	W	26.29	31.02	29.29	30.33	24.68	29.65	29.70	29.78
December	30.23	26.49	31.23	28.57	26.88	30.57	28.51	30.00	24.91	29.07	28.66	29.00
Average	31.26	25.63	31.57	29.81	25.78	30.85	29.27	30.87	22.94	29.68	29.87	29.84
1984												
January	29.19	26.31	31.37	W	26.85	30.62	29.64	30.09	25.27	29.15	29.35	29.34
February	29.73	26.33	31.02	W	26.73	31.29	28.36	30.77	25.19	29.69	29.08	29.40
March	30.31	25.99	31.23	(^c)	26.92	30.93	29.49	30.98	24.75	29.72	29.81	29.60
April	29.81	26.00	31.36	W	26.68	31.08	29.41	30.73	24.86	29.88	29.61	29.37
May	29.96	27.03	31.06	(^c)	26.92	30.96	29.02	30.75	24.93	29.68	29.41	29.42
June	29.62	25.97	31.35	(^c)	27.24	30.77	29.25	30.43	25.29	29.66	29.37	29.44
July	28.63	27.09	30.85	W	26.98	30.07	29.46	29.54	25.26	29.26	28.93	28.68
August	28.16	26.88	31.23	W	26.99	29.99	W	28.94	24.95	28.78	28.96	28.94
September	27.94	26.98	30.64	W	26.66	30.50	29.75	27.60	25.57	28.95	28.69	28.95
October	28.42	26.98	29.94	W	26.79	29.35	28.62	29.27	25.58	28.80	28.52	28.46
November	27.99	26.29	30.37	W	26.83	29.45	(^c)	28.39	25.33	28.44	28.28	28.42
December	27.07	26.49	30.12	(^c)	26.65	28.20	(^c)	28.55	25.24	28.10	27.45	27.95
Average	29.06	26.56	30.87	28.70	26.85	30.36	29.20	29.45	25.19	29.21	29.10	29.06
1985												
January	26.28	25.30	29.26	(^c)	26.80	28.70	W	28.85	25.36	27.24	27.39	27.60
February	26.06	24.00	28.84	(^c)	26.51	28.55	W	28.23	25.37	28.09	27.38	27.68
March	27.09	25.17	28.40	W	26.72	29.42	(^c)	W	25.73	28.16	27.40	27.60
April	28.18	26.14	28.99	W	26.67	28.99	W	28.70	25.44	28.03	27.87	27.95
May	W	26.30	28.98	W	26.66	28.73	(^c)	28.07	25.26	27.34	27.33	27.50
June	W	26.24	28.73	24.55	25.29	27.81	(^c)	27.54	25.13	26.68	26.25	26.63
July	27.35	25.97	28.95	24.33	24.76	28.56	W	27.60	23.81	26.57	26.86	26.87
August	W	26.05	28.14	25.76	24.96	28.54	(^c)	27.61	23.45	26.89	27.07	26.44
September	W	25.94	26.79	26.47	25.00	28.76	W	28.23	23.38	27.13	27.26	26.61
October	W	25.90	28.47	26.56	25.09	29.06	26.69	29.00	23.57	27.44	26.80	26.90
November	W	25.91	29.00	27.00	24.91	29.61	24.72	29.45	23.80	28.00	25.52	26.82
December	28.92	25.56	28.82	W	23.94	30.38	21.09	28.78	23.53	26.46	21.86	24.74
Average	27.51	25.71	28.67	25.79	25.63	28.96	24.72	28.36	24.43	27.33	25.90	26.86
1986												
January	24.69	23.89	28.45	(^c)	20.33	27.73	14.54	25.36	22.21	24.95	17.57	22.68
February	W	17.42	W	W	14.61	21.18	13.80	18.22	13.27	17.58	13.88	15.40
March	W	12.96	14.94	W	11.94	16.44	13.60	16.02	11.04	14.89	13.52	13.67
April	W	11.69	12.29	W	10.74	15.02	13.66	13.00	11.13	13.20	13.44	12.97
May	13.27	12.11	12.74	W	11.06	14.22	10.68	14.17	11.44	13.21	11.43	11.98
June	W	12.74	13.27	W	10.26	13.95	10.49	13.65	10.24	12.66	11.08	11.70
July	W	11.19	11.72	W	8.93	12.11	11.33	11.83	8.45	11.34	11.45	11.14
August	W	11.71	11.45	11.18	10.87	12.29	11.27	11.56	10.66	11.86	11.63	11.54
September	12.88	12.52	13.67	W	11.95	14.11	12.08	14.15	10.86	13.18	12.53	12.60
October	W	12.47	14.18	W	11.74	14.64	12.84	14.76	10.87	13.91	13.00	13.15
November	13.19	12.51	13.96	(^c)	12.13	14.64	14.63	14.65	11.24	14.21	14.39	13.72
December	W	12.85	14.32	W	13.04	15.56	16.13	15.42	13.24	14.94	15.82	15.01
Average	14.82	13.43	14.63	12.38	12.17	15.29	12.84	14.63	11.52	14.25	13.14	13.46
1987												
January	16.96	14.65	16.24	W	15.92	18.02	15.87	17.47	14.45	17.18	16.08	16.02
February	16.70	15.49	18.10	17.79	15.67	18.54	17.80	18.14	14.63	18.11	17.29	16.95
March	W	15.72	18.19	17.78	16.32	18.30	17.61	18.02	15.27	17.75	17.49	17.25
April	18.06	16.31	18.32	17.87	16.71	18.96	17.69	18.19	16.03	18.06	17.55	17.69
May	18.51	17.11	18.38	18.00	18.02	19.29	17.66	19.04	16.24	18.36	17.82	17.82
June	W	17.73	19.04	18.37	18.07	19.54	17.80	19.43	16.85	18.65	17.96	18.28
July	W	18.61	19.10	18.69	19.08	19.95	17.69	20.38	17.09	19.13	18.02	18.53
August	19.05	19.00	19.69	19.00	17.89	20.63	18.01	20.41	16.53	19.45	18.36	18.73
September	18.26	17.81	19.18	18.67	16.61	19.38	17.93	18.96	16.14	18.54	18.11	18.14
October	W	17.68	18.97	18.37	16.98	19.45	15.71	19.05	16.26	18.35	16.74	17.41
November	18.18	17.38	18.77	W	15.84	19.44	15.59	18.76	15.19	18.13	17.21	17.54
December	W	16.13	17.75	(^c)	13.09	18.50	14.79	17.99	13.90	17.15	15.46	16.05
Average	17.87	17.04	18.49	18.28	16.69	19.32	16.81	18.78	15.76	18.30	17.32	17.64

See footnotes at end of table.

**Table 9.3 Landed Costs of Crude Oil Imports from Selected Countries, 1973-1992
(Continued)**

(Dollars per Barrel)

	Algeria	Canada	Indonesia	Iran	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela	Other Countries	Arab OPEC ^a	Total OPEC ^b
1988												
January	W	14.58	17.99	W	13.16	17.91	13.23	17.59	13.10	16.28	14.16	14.61
February	W	14.37	17.44	(^c)	13.30	16.59	14.00	16.70	13.05	15.91	14.23	14.59
March	W	13.66	15.13	(^c)	12.22	16.47	14.07	15.72	13.50	15.13	14.29	14.74
April	W	14.39	16.30	(^c)	13.97	16.88	14.12	16.11	14.18	15.77	14.70	15.27
May	W	15.12	16.94	(^c)	14.09	17.00	14.51	16.97	14.24	16.04	15.05	15.50
June	W	14.67	16.40	(^c)	13.21	16.59	13.91	16.29	14.32	15.20	14.31	15.00
July	W	13.31	15.11	(^c)	12.58	15.68	13.17	15.52	13.78	14.68	13.63	14.25
August	W	13.13	14.90	(^c)	12.77	15.55	12.44	15.72	13.28	14.07	13.12	13.69
September	W	12.89	14.05	(^c)	12.09	14.49	11.78	14.38	12.96	13.21	12.05	12.92
October	W	11.73	12.60	(^c)	10.42	14.32	11.93	13.33	13.58	12.66	11.99	12.74
November	W	11.58	12.82	(^c)	10.56	14.49	12.79	14.02	13.12	12.51	12.44	12.87
December	W	12.57	14.05	(^c)	12.81	16.31	14.62	15.12	14.34	13.97	14.44	14.67
Average	W	13.50	15.15	W	12.58	15.88	13.37	15.82	13.66	14.45	13.60	14.18
1989												
January	W	14.47	16.30	(^c)	14.48	17.54	15.90	17.17	14.05	15.88	15.73	15.98
February	W	14.97	17.86	(^c)	14.55	18.19	16.60	17.88	14.62	17.22	16.52	16.74
March	W	15.88	18.67	(^c)	15.37	19.32	17.00	17.90	17.30	18.34	17.33	17.80
April	22.13	17.42	19.11	(^c)	17.78	20.53	18.95	20.00	18.45	19.36	18.90	19.23
May	W	17.81	19.37	(^c)	17.35	19.65	17.43	20.04	17.32	18.79	17.58	18.15
June	W	17.69	18.92	(^c)	16.99	18.90	16.84	18.74	16.13	17.96	17.01	17.45
July	W	17.89	18.92	(^c)	16.84	18.68	16.72	18.81	15.13	17.44	16.73	17.13
August	W	16.62	W	(^c)	15.62	18.01	16.42	18.20	16.50	16.89	16.45	16.86
September	W	17.00	17.82	(^c)	15.76	18.72	16.84	18.11	16.67	17.54	16.97	17.29
October	W	17.44	17.70	(^c)	16.52	19.82	17.90	18.71	16.13	18.27	17.82	17.97
November	18.55	17.08	18.16	(^c)	16.85	20.14	18.08	19.31	16.38	18.74	18.16	18.27
December	W	17.49	19.20	(^c)	18.01	20.98	19.28	20.32	20.16	19.84	19.52	19.93
Average	19.13	16.81	18.35	(^c)	16.35	19.19	17.34	18.74	16.78	18.08	17.41	17.78
1990												
January	W	18.52	20.86	(^c)	18.49	22.36	19.18	21.56	17.86	20.45	19.33	19.77
February	W	18.52	21.21	(^c)	17.13	21.46	18.32	W	16.69	19.56	18.27	18.98
March	W	17.30	20.65	(^c)	16.64	19.69	16.63	20.61	16.64	18.22	16.65	17.68
April	W	15.65	18.98	(^c)	13.79	18.06	14.50	17.92	16.30	16.18	14.68	15.83
May	W	15.44	17.83	(^c)	12.76	17.53	14.21	17.10	15.47	15.27	14.02	15.15
June	W	14.00	16.43	(^c)	11.29	16.62	16.31	17.24	14.00	15.21	15.53	15.53
July	17.67	15.01	15.96	(^c)	13.37	18.04	19.89	16.68	17.40	18.57	19.85	19.01
August	W	21.26	20.23	(^c)	21.50	26.71	28.84	23.80	25.08	23.23	26.97	26.31
September	W	27.80	26.88	(^c)	27.38	33.41	30.06	30.26	28.56	29.46	30.10	30.27
October	W	31.04	36.61	(^c)	29.61	37.72	30.46	33.75	27.00	34.51	30.75	31.08
November	W	28.60	W	(^c)	27.64	34.55	26.37	W	23.77	30.42	26.71	27.77
December	W	23.60	28.53	(^c)	23.00	30.45	20.92	W	21.30	27.59	21.35	23.26
Average	W	20.48	22.50	(^c)	19.64	23.33	21.82	22.65	20.31	20.52	20.64	21.23
1991												
January	W	20.81	W	(^c)	19.98	26.00	18.53	W	18.35	24.08	18.94	20.16
February	W	17.05	22.61	(^c)	14.23	21.66	16.18	W	15.76	19.42	16.29	17.43
March	W	15.20	20.03	(^c)	14.15	20.60	17.08	25.77	16.18	18.59	17.23	17.88
April	W	16.26	18.85	(^c)	15.85	20.31	17.54	20.56	16.35	18.77	17.65	18.17
May	W	16.28	W	W	15.81	20.50	17.34	20.21	15.74	19.53	17.49	17.98
June	W	16.19	18.25	(^c)	15.20	19.79	16.85	19.35	14.61	18.38	17.01	17.32
July	W	17.14	17.76	17.56	15.89	20.73	17.48	20.47	15.92	18.82	17.61	17.96
August	W	17.61	W	W	15.78	21.29	18.04	20.71	15.64	19.30	18.17	18.40
September	W	17.84	W	W	15.82	22.13	18.19	21.16	16.44	20.35	18.42	18.70
October	W	18.38	19.85	W	17.34	23.68	17.62	22.07	17.26	20.91	17.97	19.03
November	W	17.53	21.05	(^c)	16.53	22.71	16.46	22.71	15.66	21.04	16.90	17.95
December	W	15.87	W	(^c)	13.96	19.96	15.03	20.29	13.46	18.67	15.49	15.94
Average	W	17.16	20.20	17.54	15.89	21.39	17.22	21.37	15.92	19.73	17.45	18.08
1992												
January	W	14.83	W	(^c)	13.02	19.34	14.81	W	13.20	17.46	15.16	15.38
February	W	15.57	W	(^c)	12.78	19.10	15.61	W	13.47	17.64	15.85	15.87
March	(^c)	15.68	W	(^c)	13.06	19.05	16.05	18.83	13.41	17.44	16.14	16.29
April	W	16.42	17.76	(^c)	14.40	20.32	18.01	18.97	15.06	18.10	18.11	18.07
May	W	17.35	17.66	(^c)	16.39	21.25	18.62	19.99	15.73	19.58	18.80	18.65
June	W	18.40	19.60	(^c)	17.41	22.11	19.49	20.85	16.01	20.93	19.60	19.57
July	W	18.50	21.06	(^c)	17.20	21.49	19.00	21.45	15.78	20.49	19.15	19.06
August	W	18.28	21.26	(^c)	16.74	21.05	18.45	21.37	16.10	20.10	18.79	18.70
September	(^c)	18.35	W	(^c)	17.34	21.57	18.45	20.72	16.89	20.12	18.51	18.83
October	W	18.35	W	(^c)	17.26	21.60	17.96	21.17	16.14	20.09	18.08	18.56
November	(^c)	17.26	W	(^c)	16.18	20.79	17.02	21.00	14.51	19.25	17.05	17.28
December	W	15.85	W	(^c)	15.12	19.32	16.64	19.46	14.07	17.80	16.69	16.62
Average	W	17.04	18.76	(^c)	15.60	20.78	17.48	20.63	15.13	19.25	17.63	17.81

^a The Arab members of OPEC are Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, and the United Arab Emirates.

^b "Total OPEC" consists of Ecuador, Gabon, Indonesia, Iran, Nigeria, and Venezuela, as well as the Arab members. The cost of imports from the Neutral Zone between Kuwait and Saudi Arabia is included in the cost of imports from "Total OPEC."

^c No data reported.

^d Based on October, November, and December data only.

NA=Not available. W=Value withheld to avoid disclosure of individual company data.

Notes: • See Note 3 at end of section. • Prices through 1980 reflect the period of reporting; prices since then reflect the period of loading. • Annual averages are averages of the monthly prices, including prices not published, weighted by volume. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.4 Motor Gasoline Retail Prices, U.S. City Average, 1973-1992

(Cents per Gallon, Including Taxes)

	Leaded Regular	Unleaded Regular	Unleaded Premium	All Types ^a
1973				
January	NA	NA	NA	NA
February	NA	NA	NA	NA
March	NA	NA	NA	NA
April	NA	NA	NA	NA
May	NA	NA	NA	NA
June	NA	NA	NA	NA
July	NA	NA	NA	NA
August	NA	NA	NA	NA
September	NA	NA	NA	NA
October	40.2	NA	NA	NA
November	41.8	NA	NA	NA
December	43.7	NA	NA	NA
Average	^b 38.8	NA	NA	NA
1974				
January	46.5	NA	NA	NA
February	49.1	NA	NA	NA
March	52.8	NA	NA	NA
April	53.7	NA	NA	NA
May	55.0	NA	NA	NA
June	55.6	NA	NA	NA
July	55.8	NA	NA	NA
August	55.4	NA	NA	NA
September	55.0	NA	NA	NA
October	53.4	NA	NA	NA
November	52.8	NA	NA	NA
December	52.8	NA	NA	NA
Average	53.2	NA	NA	NA
1975				
January	53.2	NA	NA	NA
February	53.3	NA	NA	NA
March	53.4	NA	NA	NA
April	54.0	NA	NA	NA
May	55.0	NA	NA	NA
June	56.7	NA	NA	NA
July	59.1	NA	NA	NA
August	59.5	NA	NA	NA
September	59.7	NA	NA	NA
October	59.4	NA	NA	NA
November	58.9	NA	NA	NA
December	58.6	NA	NA	NA
Average	56.7	NA	NA	NA
1976				
January	58.4	60.5	NA	NA
February	57.8	60.0	NA	NA
March	56.9	59.4	NA	NA
April	56.7	59.2	NA	NA
May	57.6	60.0	NA	NA
June	59.2	61.6	NA	NA
July	59.9	62.3	NA	NA
August	60.3	62.8	NA	NA
September	60.4	63.0	NA	NA
October	60.3	62.9	NA	NA
November	60.2	62.9	NA	NA
December	60.0	62.6	NA	NA
Average	59.0	61.4	NA	NA
1977				
January	60.0	62.7	NA	NA
February	60.7	63.7	NA	NA
March	61.2	64.3	NA	NA
April	61.9	65.1	NA	NA
May	62.6	65.9	NA	NA
June	63.0	66.5	NA	NA
July	63.1	66.7	NA	NA
August	63.0	66.7	NA	NA
September	62.9	66.6	NA	NA
October	62.7	66.5	NA	NA
November	62.6	66.4	NA	NA
December	62.7	66.5	NA	NA
Average	62.2	65.6	NA	NA

See footnotes at end of table.

**Table 9.4 Motor Gasoline Retail Prices, U.S. City Average, 1973-1992
(Continued)**

(Cents per Gallon, Including Taxes)

	Leaded Regular	Unleaded Regular	Unleaded Premium	All Types ^a
1978				
January	60.7	64.8	NA	63.1
February	60.5	64.7	NA	62.9
March	60.4	64.7	NA	62.9
April	60.6	64.9	NA	63.1
May	61.1	65.5	NA	63.7
June	62.0	66.3	NA	64.5
July	62.9	67.4	NA	65.5
August	63.8	68.2	NA	66.3
September	64.4	68.8	NA	66.9
October	64.5	69.0	NA	67.1
November	65.0	69.5	NA	67.6
December	65.9	70.5	NA	68.5
Average	62.6	67.0	NA	65.2
1979				
January	66.8	71.6	NA	69.5
February	68.1	73.0	NA	70.7
March	70.6	75.5	NA	73.3
April	75.3	80.2	NA	78.0
May	79.7	84.4	NA	82.3
June	85.6	90.1	NA	88.0
July	90.8	94.9	NA	93.0
August	94.3	98.8	NA	96.7
September	97.3	102.0	NA	99.8
October	98.2	102.8	NA	100.6
November	99.4	104.1	NA	101.9
December	101.8	106.5	NA	104.2
Average	85.7	90.3	NA	88.2
1980				
January	108.6	113.1	NA	111.0
February	115.9	120.7	NA	118.6
March	120.2	125.2	NA	123.0
April	121.2	126.4	NA	124.2
May	121.5	126.6	NA	124.4
June	121.7	126.9	NA	124.6
July	121.6	127.1	NA	124.7
August	121.0	126.7	NA	124.3
September	119.7	125.7	NA	123.1
October	118.8	125.0	NA	122.3
November	118.8	125.0	NA	122.2
December	119.7	125.8	NA	123.1
Average	119.1	124.5	NA	122.1
1981				
January	123.8	129.8	NA	126.9
February	132.1	138.2	NA	135.3
March	135.2	141.7	NA	138.8
April	134.4	141.2	NA	138.1
May	133.3	140.0	NA	137.0
June	132.4	139.1	NA	136.2
July	131.5	138.2	NA	135.3
August	131.0	137.6	NA	134.8
September ^c	130.5	137.6	147.1	135.8
October	129.9	137.1	147.0	135.3
November	129.7	136.9	147.0	135.1
December	129.3	136.5	146.8	134.8
Average	131.1	137.8	^d 147.0	135.3
1982				
January	128.5	135.8	146.6	134.1
February	126.0	133.4	144.8	131.8
March	120.6	128.4	140.8	126.8
April	114.8	122.5	135.1	121.0
May	116.6	123.7	135.5	122.4
June	124.2	130.9	141.8	129.6
July	126.3	133.1	144.3	131.8
August	125.4	132.3	143.9	131.0
September	123.6	130.7	142.9	129.2
October	121.9	129.5	142.1	128.0
November	120.7	128.3	141.2	126.8
December	118.1	126.0	139.4	124.4
Average	122.2	129.6	141.5	128.1

See footnotes at end of table.

**Table 9.4 Motor Gasoline Retail Prices, U.S. City Average, 1973-1992
(Continued)**

(Cents per Gallon, Including Taxes)

	Leaded Regular	Unleaded Regular	Unleaded Premium	All Types ^a
1983				
January	115.0	123.0	137.6	121.4
February	109.9	118.7	133.8	117.0
March	106.4	115.2	130.8	113.5
April	113.1	121.5	136.0	119.8
May	117.7	125.9	139.7	124.3
June	119.7	127.7	141.1	126.1
July	120.7	128.8	142.1	127.2
August	120.3	128.5	141.9	126.9
September	118.9	127.4	141.0	125.7
October	117.2	125.5	139.5	123.9
November	115.6	124.1	138.4	122.4
December	114.6	123.1	137.6	121.5
Average	115.7	124.1	138.3	122.5
1984				
January	113.1	121.6	136.9	120.0
February	112.5	120.9	136.1	119.3
March	112.5	121.0	136.2	119.4
April	114.5	122.7	137.5	121.1
May	115.4	123.6	138.0	122.1
June	114.7	122.9	137.7	121.4
July	112.9	121.2	137.0	119.7
August	111.6	119.6	135.5	118.4
September	112.0	120.3	136.0	118.9
October	112.7	120.9	136.5	119.5
November	112.4	120.7	136.4	119.3
December	110.9	119.3	135.4	117.9
Average	112.9	121.2	136.6	119.8
1985				
January	106.0	114.8	130.4	114.5
February	104.1	113.1	129.0	112.8
March	107.1	115.9	131.0	115.5
April	111.9	120.5	134.0	119.9
May	114.4	123.1	136.0	122.3
June	115.3	124.1	137.1	123.3
July	115.4	124.2	136.7	123.3
August	114.3	122.9	135.9	122.2
September	112.9	121.6	134.9	120.9
October	111.7	120.4	134.2	119.8
November	112.3	120.7	133.9	120.1
December	112.3	120.8	134.4	120.3
Average	111.5	120.2	134.0	119.6
1986				
January	110.7	119.4	133.6	119.0
February	103.4	112.0	128.2	111.9
March	89.4	98.1	116.0	98.3
April	81.5	88.8	106.1	89.5
May	85.2	92.3	107.5	92.7
June	88.5	95.5	110.0	95.8
July	82.2	89.0	104.5	89.5
August	77.8	84.3	99.9	84.8
September	79.7	86.0	101.0	86.4
October	77.1	83.1	98.7	83.7
November	76.2	82.1	98.0	82.7
December	76.4	82.3	98.4	83.0
Average	85.7	92.7	108.5	93.1
1987				
January	80.6	86.2	100.7	86.8
February	84.8	90.5	104.7	91.1
March	85.6	91.2	105.2	91.8
April	87.9	93.4	107.3	94.0
May	88.8	94.1	107.9	94.8
June	90.6	95.8	109.8	96.6
July	92.1	97.1	111.5	98.0
August	94.6	99.5	113.9	100.4
September	94.0	99.0	113.6	100.0
October	93.1	97.6	112.8	98.8
November	92.8	97.6	112.5	98.7
December	91.2	96.1	111.9	97.5
Average	89.7	94.8	109.3	95.7

See footnotes at end of table.

**Table 9.4 Motor Gasoline Retail Prices, U.S. City Average, 1973-1992
(Continued)**

(Cents per Gallon, Including Taxes)

	Leaded Regular	Unleaded Regular	Unleaded Premium	All Types ^a
1988				
January	88.1	93.3	109.5	94.7
February	85.9	91.3	108.2	92.8
March	85.0	90.4	107.4	92.0
April	88.3	93.0	108.8	94.6
May	91.1	95.5	110.5	97.0
June	91.0	95.5	111.1	97.1
July	92.3	96.7	112.3	98.4
August	94.5	98.7	113.8	100.4
September	93.3	97.4	113.0	99.2
October	91.0	95.7	111.9	97.6
November	90.4	94.9	111.6	97.2
December	88.5	93.0	110.1	95.3
Average	89.9	94.6	110.7	96.3
1989				
January	87.6	91.8	109.1	94.4
February	88.6	92.6	110.0	95.5
March	90.7	94.0	111.5	97.4
April	104.7	106.5	122.1	109.8
May	109.8	111.9	127.8	115.2
June	109.3	111.4	127.8	115.0
July	107.5	109.2	126.4	113.2
August	103.4	105.7	123.3	109.6
September	100.7	102.9	121.3	107.3
October	100.1	102.7	120.9	107.1
November	97.5	99.9	118.7	104.6
December	96.1	98.0	117.0	103.0
Average	99.8	102.1	119.7	106.0
1990				
January	100.6	104.2	123.0	109.0
February	101.1	103.7	122.7	108.6
March	99.9	102.3	121.8	107.6
April	102.7	104.4	123.3	109.6
May	104.4	106.1	124.8	111.4
June	107.7	108.8	127.1	114.0
July	108.9	108.4	127.2	113.9
August	119.8	119.0	136.9	124.6
September	129.7	129.4	146.7	134.7
October	135.4	137.8	155.4	143.1
November	135.1	137.7	155.9	143.2
December	133.5	135.4	153.7	141.0
Average	114.9	116.4	134.9	121.7
1991				
January	124.6	124.7	143.1	130.4
February	113.7	114.3	132.1	119.8
March	104.7	108.2	126.4	113.8
April	106.2	110.4	128.1	115.9
May	NA	115.6	133.1	120.9
June	NA	116.0	133.8	121.4
July	NA	112.7	131.3	118.5
August	NA	114.0	131.8	119.6
September	NA	114.3	132.4	119.9
October	NA	112.2	130.7	118.0
November	NA	113.4	131.8	119.3
December	NA	112.3	130.9	118.2
Average	NA	114.0	132.1	119.6
1992				
January	NA	107.3	126.7	113.5
February	NA	105.4	124.8	111.7
March	NA	105.8	125.0	112.2
April	NA	107.9	126.8	114.3
May	NA	113.6	131.7	119.7
June	NA	117.9	135.9	123.9
July	NA	117.5	136.3	123.8
August	NA	115.8	134.8	122.1
September	NA	115.8	134.6	122.2
October	NA	115.4	134.5	121.9
November	NA	115.9	135.1	122.3
December	NA	113.6	133.0	120.1
Average	NA	112.7	131.6	119.0

^a Also includes types of motor gasoline not shown separately.

^b The 1973 annual value is not the simple average of the Bureau of Labor Statistics monthly data, which are unavailable prior to October 1973.

^c In September 1981, the Bureau of Labor Statistics changed the weights used in the calculation of average motor gasoline prices. From September 1981-1992, gasohol is included in the average for all types, and unleaded premium is weighted more heavily.

^d Based on September through December data only.

NA=Not available.

Notes: • See Note 5 at end of section. • Geographic coverage for 1973-1977 is 56 urban areas. Geographic coverage for 1978-1992 is 85 urban areas.

Sources: See end of section.

Table 9.5a Refiner Prices of Residual Fuel Oil: Wholesale and Retail, 1975-1982

(Cents per Gallon, Excluding Taxes)

	Residual Fuel Oil Sulfur Content Less Than or Equal to 0.3 Percent		Residual Fuel Oil Sulfur Content Greater Than 0.3 Percent and Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
1975								
January	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA
July	27.5	30.6	26.0	28.7	24.4	25.2	25.4	27.9
August	27.5	31.5	25.8	29.4	23.1	25.1	25.0	28.3
September	28.0	30.8	25.3	27.7	23.5	25.0	25.0	27.4
October	27.4	30.9	24.7	28.8	23.2	24.7	24.5	27.8
November	29.1	30.9	24.6	28.6	23.6	24.6	24.9	27.8
December	28.3	30.6	24.7	28.2	23.0	24.0	24.4	27.2
Average	NA	NA	NA	NA	NA	NA	NA	NA
1976								
January	28.9	29.5	25.3	27.6	22.8	24.4	25.1	27.0
February	29.6	30.4	25.9	28.2	23.1	24.6	25.5	27.4
March	29.4	30.5	26.3	28.1	22.8	24.3	25.6	27.2
April	27.2	29.4	25.9	28.0	22.7	24.5	24.7	27.2
May	27.9	28.3	25.7	27.1	22.5	23.5	24.1	26.1
June	27.9	29.1	24.6	27.0	23.2	23.9	24.1	26.3
July	27.9	28.9	24.3	27.0	23.4	23.9	24.4	26.3
August	28.2	29.3	24.9	27.3	22.9	24.3	24.3	26.7
September	28.2	29.8	24.6	27.5	23.9	24.5	24.6	26.9
October	28.5	30.6	26.4	28.5	23.8	25.5	25.6	28.1
November	29.5	31.3	27.5	29.1	24.8	26.2	26.6	28.5
December	31.4	31.6	28.1	30.4	26.3	27.3	28.3	29.6
Average	29.0	29.9	25.8	28.1	23.8	24.8	25.5	27.4
1977								
January	33.5	34.1	30.5	32.6	27.4	29.3	29.6	31.7
February	33.3	34.8	30.7	33.5	28.7	30.3	30.2	32.6
March	33.3	34.7	32.1	34.5	27.7	30.2	30.2	33.0
April	30.7	34.8	31.1	33.6	26.8	29.8	28.7	32.4
May	32.3	34.5	28.3	32.7	26.3	28.9	27.7	32.0
June	31.2	34.0	28.3	31.6	26.4	28.4	27.9	31.0
July	31.7	34.2	27.9	31.2	26.2	28.7	27.7	31.0
August	31.7	33.7	28.2	31.1	28.3	28.6	28.7	31.0
September	31.8	34.1	28.1	31.2	28.0	29.0	28.6	30.8
October	31.9	34.0	27.8	31.3	27.9	29.4	28.8	31.3
November	30.6	33.9	27.8	30.8	27.2	28.9	28.0	30.9
December	30.6	33.2	27.1	30.0	25.6	28.5	26.9	30.2
Average	32.0	34.2	28.8	32.0	26.9	29.2	28.5	31.5
1978								
January	30.3	33.8	27.5	30.2	25.5	28.6	27.0	30.5
February	29.0	33.5	27.7	29.6	25.2	28.0	26.8	29.8
March	30.3	33.3	28.4	30.4	25.0	27.9	27.0	30.1
April	30.3	34.5	29.2	30.8	25.8	28.2	27.5	30.6
May	30.2	33.8	28.6	30.7	25.7	28.0	27.9	30.5
June	29.5	33.3	28.2	30.0	25.8	27.6	27.2	29.8
July	26.8	33.2	26.9	28.6	25.0	27.3	25.9	29.1
August	27.2	33.5	26.8	28.5	24.9	27.5	25.5	29.4
September	29.3	33.8	27.3	29.3	25.5	27.1	26.8	29.6
October	32.0	34.8	28.7	31.0	25.8	28.1	28.0	31.0
November	33.6	37.0	31.6	32.8	25.9	27.5	29.4	31.8
December	34.9	38.0	31.4	33.6	26.3	28.1	29.9	32.7
Average	30.4	34.5	28.5	30.4	25.5	27.9	27.4	30.4
1979								
January	36.1	38.4	32.6	35.2	26.2	28.4	30.4	33.6
February	38.4	41.1	35.7	36.4	26.9	29.2	32.7	35.0
March	38.3	43.0	37.9	40.3	32.1	33.3	35.3	38.0
April	42.4	45.5	38.9	41.5	32.6	34.7	36.9	39.5
May	43.0	46.3	37.5	42.6	35.0	36.6	37.4	40.9
June	49.8	47.1	43.0	44.1	37.3	39.0	42.4	42.8
July	52.0	54.9	50.6	48.7	39.6	42.5	45.7	47.4
August	50.1	53.9	46.4	50.7	42.2	43.6	45.2	48.4
September	51.9	54.6	50.0	51.6	41.7	45.1	46.7	49.8
October	56.7	55.5	54.7	53.2	43.6	46.5	49.7	51.4
November	63.5	60.8	57.3	57.9	46.0	46.5	52.4	54.3
December	64.5	66.1	61.5	59.5	49.7	50.1	56.1	58.2
Average	47.3	50.5	43.6	46.0	37.8	39.1	42.1	44.5

See footnotes at end of table.

**Table 9.5a Refiner Prices of Residual Fuel Oil: Wholesale and Retail, 1975-1982
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Residual Fuel Oil Sulfur Content Less Than or Equal to 0.3 Percent		Residual Fuel Oil Sulfur Content Greater Than 0.3 Percent and Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail	Wholesale	Retail
1980								
January	69.3	72.3	62.3	67.0	51.3	52.3	58.1	62.4
February	64.5	72.2	61.5	67.0	48.1	52.9	55.6	63.0
March	64.0	71.9	56.5	65.0	42.4	48.4	50.3	60.3
April	59.9	68.3	48.5	59.0	39.1	43.7	45.5	54.5
May	60.7	75.5	54.1	61.4	42.2	43.0	48.1	56.5
June	55.1	74.7	53.2	60.6	42.2	45.9	48.7	57.4
July	59.3	67.9	55.8	60.8	45.7	49.0	50.7	56.8
August	55.2	73.6	59.5	62.2	48.6	51.1	53.0	59.5
September	57.8	78.9	55.9	62.6	49.1	51.7	53.5	60.3
October	61.2	75.9	61.6	66.6	53.1	55.5	57.3	63.5
November	70.3	80.2	70.0	73.5	64.5	65.5	67.0	71.7
December	75.5	85.1	74.5	77.6	67.6	71.5	70.9	77.0
Average	62.9	74.1	59.3	65.7	49.5	52.6	55.1	62.1
1981								
January	81.6	88.6	76.5	80.9	69.3	74.6	74.1	80.1
February	90.6	99.0	83.2	88.9	69.0	76.2	75.7	85.8
March	90.0	98.1	82.1	90.5	70.4	76.1	75.7	86.0
April	84.9	99.3	78.8	85.6	67.5	72.8	72.8	82.6
May	80.0	97.8	77.5	85.6	68.5	73.0	72.4	81.2
June	66.7	91.2	63.6	77.1	60.3	64.7	61.8	73.9
July	70.4	92.9	65.2	76.0	61.0	61.8	63.1	72.8
August	72.6	87.1	66.1	76.3	62.0	62.4	64.3	72.7
September	71.2	93.2	65.4	76.4	59.0	62.5	62.4	72.2
October	72.0	95.0	68.2	75.9	59.4	62.3	63.8	72.2
November	75.5	94.0	70.5	73.9	62.1	63.0	66.6	71.8
December	74.8	89.6	67.4	76.6	60.7	63.2	64.9	73.6
Average	78.5	93.6	72.8	80.2	64.5	68.0	68.7	77.4
1982								
January	78.6	89.4	68.8	74.1	58.6	61.8	64.5	71.0
February	75.4	91.5	69.8	73.7	56.4	58.8	62.6	71.5
March	73.7	92.8	65.7	72.8	55.8	57.6	61.3	70.2
April	71.7	87.5	64.5	71.4	56.1	58.1	60.6	67.2
May	72.3	90.4	66.4	71.5	59.9	61.8	63.1	68.9
June	66.6	92.7	67.3	73.5	60.4	63.2	63.4	70.5
July	71.5	89.2	65.2	71.0	57.6	63.1	61.8	69.8
August	68.7	75.8	65.5	72.3	60.5	62.0	62.7	67.7
September	72.0	77.2	66.0	72.5	60.0	61.7	63.1	67.7
October	76.1	79.8	70.3	76.8	61.2	63.3	65.5	69.7
November	76.9	81.3	70.1	76.8	62.6	64.3	67.4	71.0
December	74.5	77.6	67.1	72.0	59.9	62.4	63.8	67.8
Average	73.6	86.5	67.3	73.1	59.0	61.5	63.2	69.2

NA=Not available.

Notes: • Wholesale sales are those made to purchasers other than ultimate consumers, as well as to bulk consumers (such as agriculture, industry, and electric utilities). Retail sales are those made directly to ultimate consumers, but excluding bulk consumers (such as agriculture,

industry, and electric utilities). • Monthly prices were originally published in dollars per barrel. • Annual averages are the averages of the monthly prices, weighted by volume. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.5b Refiner Prices of Residual Fuel Oil: Resale and End Users, 1978-1992

(Cents per Gallon, Excluding Taxes)

	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users
1978						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA
Average	29.3	31.4	24.5	27.5	26.3	29.8
1979						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA
Average	45.0	46.8	36.6	38.9	39.9	43.6
1980						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA
Average	60.8	67.5	47.9	52.3	52.8	60.7
1981						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA
Average	74.8	82.9	62.2	67.3	66.3	75.6
1982						
January	71.8	77.7	57.0	60.7	62.0	68.8
February	71.5	77.4	54.6	58.4	60.2	69.1
March	68.4	75.6	54.1	57.1	59.1	67.4
April	66.8	73.5	54.6	57.8	58.5	65.1
May	68.4	74.0	58.0	61.5	61.0	66.7
June	68.1	75.1	58.6	63.2	61.5	68.8
July	67.9	72.7	56.3	62.9	60.1	68.1
August	67.1	71.8	58.7	61.5	60.7	66.2
September	68.1	72.1	58.3	61.6	61.2	66.3
October	72.6	75.9	59.5	62.9	63.5	68.1
November	72.6	76.3	60.7	64.1	65.3	70.0
December	69.2	72.0	58.2	61.9	61.7	66.4
Average	69.5	74.7	57.2	61.1	61.2	67.6

See footnotes at end of table.

Table 9.5b Refiner Prices of Residual Fuel Oil: Resale and End Users, 1978-1992
(Continued)

(Cents per Gallon, Excluding Taxes)

	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users
1983						
January	65.0	70.5	57.0	60.1	60.3	64.2
February	63.0	66.0	55.7	58.5	58.5	62.0
March	60.0	66.2	55.9	57.0	57.7	60.9
April	60.1	64.3	56.5	58.7	57.7	61.0
May	62.6	66.9	57.8	59.7	59.2	63.2
June	63.2	69.2	58.5	60.1	60.2	64.7
July	65.2	70.4	60.5	61.4	62.2	65.9
August	66.7	71.6	62.0	63.2	63.8	67.7
September	67.0	72.6	63.3	65.3	64.6	69.0
October	68.8	72.1	62.6	64.9	64.7	68.7
November	66.5	70.7	62.2	64.4	63.6	67.4
December	67.3	72.0	60.2	63.1	62.3	67.2
Average	64.3	69.5	59.1	61.1	60.9	65.1
1984						
January	71.0	73.6	62.3	64.6	64.8	69.0
February	71.4	75.1	65.8	65.8	67.5	70.4
March	70.5	73.1	61.9	64.7	64.5	68.5
April	69.2	73.1	64.7	66.5	66.2	69.1
May	68.3	72.7	65.0	67.4	66.0	69.5
June	69.8	73.2	66.1	68.9	67.2	71.0
July	66.8	71.5	64.0	66.7	65.0	69.0
August	65.6	69.5	62.7	65.0	63.6	67.1
September	65.9	70.0	63.8	64.9	64.5	67.5
October	66.8	70.8	64.3	65.8	65.1	67.8
November	66.8	70.4	63.6	65.8	64.6	67.9
December	67.5	70.5	63.3	65.6	64.6	67.7
Average	68.5	72.0	63.9	65.9	65.4	68.7
1985						
January	67.6	71.2	63.4	66.5	64.8	68.6
February	67.6	71.1	63.4	66.0	65.0	68.6
March	66.2	69.8	60.8	65.0	62.4	67.1
April	63.0	67.5	58.8	61.9	60.3	64.1
May	58.1	61.2	53.5	58.0	55.0	59.5
June	54.9	59.9	50.6	52.7	52.4	55.6
July	56.4	58.9	52.8	54.5	53.9	56.3
August	55.2	57.1	52.0	53.8	53.2	55.6
September	60.1	62.8	53.1	54.8	56.1	58.6
October	60.1	63.6	52.3	53.8	54.9	58.3
November	57.8	61.7	50.7	52.8	53.6	56.8
December	60.7	62.6	52.3	54.4	55.1	58.2
Average	61.0	64.4	56.0	58.2	57.7	61.0
1986						
January	56.0	62.0	49.7	52.8	51.8	57.1
February	43.0	49.0	36.5	42.7	38.7	45.8
March	37.0	42.7	28.7	35.7	31.8	39.0
April	31.0	36.8	26.0	30.1	28.0	33.0
May	30.1	35.0	23.6	26.8	26.5	30.1
June	29.9	32.3	23.1	26.8	26.2	29.8
July	23.7	27.4	20.4	24.4	21.9	25.9
August	26.5	29.3	21.7	23.2	23.4	26.5
September	29.7	31.5	26.6	28.2	28.1	29.8
October	28.7	31.9	26.4	28.8	27.6	30.1
November	29.3	33.7	25.2	29.0	27.4	31.2
December	34.0	37.7	27.7	31.6	30.4	34.8
Average	32.8	37.2	28.9	31.7	30.5	34.3
1987						
January	39.3	45.5	35.7	37.9	37.4	42.0
February	40.0	43.8	34.4	38.3	37.1	41.2
March	38.8	43.4	33.4	37.2	35.8	40.0
April	39.7	43.9	35.5	39.9	37.1	42.0
May	41.1	44.9	38.6	41.7	39.6	43.4
June	43.7	45.8	40.6	43.5	42.0	44.8
July	44.9	48.3	41.9	44.1	43.4	46.4
August	44.6	46.0	41.4	44.0	42.9	45.0
September	41.4	44.0	36.8	39.7	39.1	41.7
October	41.3	44.5	36.3	39.5	38.8	41.9
November	41.3	45.0	34.6	38.7	37.5	42.1
December	39.2	41.4	28.2	33.0	33.9	37.8
Average	41.2	44.7	36.2	39.6	38.5	42.3

See footnotes at end of table.

**Table 9.5b Refiner Prices of Residual Fuel Oil: Resale and End Users, 1978-1992
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Residual Fuel Oil Sulfur Content Less Than or Equal to 1 Percent		Residual Fuel Oil Sulfur Content Greater Than 1 Percent		Average	
	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users	Sales for Resale	Sales to End Users
1988						
January	36.5	41.9	27.7	31.8	32.4	36.7
February	35.2	40.2	27.4	31.4	32.2	35.6
March	32.4	36.9	25.0	29.0	28.6	32.9
April	33.5	35.8	27.5	30.2	30.2	32.4
May	34.0	36.8	29.8	32.2	31.5	33.9
June	32.9	35.3	29.0	32.3	31.0	33.6
July	31.8	35.7	27.7	30.0	29.5	32.3
August	32.7	36.0	28.4	30.7	30.6	33.2
September	31.4	34.7	28.4	30.1	29.5	32.1
October	29.2	34.4	23.5	26.7	25.6	30.5
November	31.9	36.1	24.5	27.2	28.0	32.3
December	35.6	38.8	27.0	28.6	29.8	34.3
Average	33.3	37.2	27.1	30.0	30.0	33.4
1989						
January	38.8	41.7	29.1	30.5	32.8	35.4
February	37.0	39.8	30.5	29.9	33.2	34.3
March	38.8	42.0	28.1	29.7	32.1	36.1
April	44.1	46.6	34.2	34.9	38.1	40.3
May	43.6	46.5	34.7	36.3	37.6	40.5
June	39.3	42.8	33.9	36.2	35.5	39.1
July	39.0	42.1	34.0	35.5	35.7	38.5
August	37.3	39.6	33.0	34.5	34.4	36.8
September	38.2	40.2	32.3	34.2	35.1	36.5
October	40.2	43.2	34.5	35.9	36.9	38.8
November	40.5	44.1	34.2	36.2	36.6	39.3
December	47.7	53.4	38.3	39.5	42.1	45.7
Average	40.7	43.6	33.1	34.4	36.0	38.5
1990						
January	56.0	60.1	42.0	45.2	48.2	52.2
February	44.4	51.5	34.6	37.3	38.1	43.7
March	39.7	45.4	31.9	35.5	34.8	40.2
April	36.1	39.6	31.2	32.6	33.4	35.5
May	34.5	37.9	28.3	31.4	30.5	34.1
June	31.1	34.2	24.8	27.6	27.1	30.4
July	33.2	36.3	25.4	28.4	29.1	31.9
August	49.1	50.7	41.4	39.4	44.5	44.1
September	56.4	59.4	46.1	46.2	50.9	50.7
October	64.1	68.6	53.1	54.8	57.7	60.5
November	63.3	66.5	49.7	53.9	55.6	58.7
December	57.6	62.2	43.0	50.2	48.6	55.5
Average	47.2	50.5	37.2	40.0	41.3	44.4
1991						
January	52.1	59.8	49.2	49.7	50.2	53.4
February	36.5	44.4	32.0	37.1	33.4	39.8
March	36.0	38.3	24.2	28.2	28.2	32.3
April	33.6	37.8	25.8	27.0	28.7	30.2
May	36.6	36.6	27.7	27.6	30.3	31.0
June	32.1	35.3	28.6	26.9	29.7	29.5
July	32.6	36.4	27.4	28.2	28.8	31.2
August	33.4	36.8	25.9	27.7	27.9	31.1
September	33.7	36.8	25.4	27.3	27.9	30.6
October	34.1	38.5	27.6	29.7	29.5	32.3
November	36.6	40.8	27.9	31.8	30.7	35.1
December	34.8	40.0	26.1	28.8	28.9	33.1
Average	36.4	40.2	29.2	30.6	31.4	34.0
1992						
January	30.3	35.7	21.1	24.7	24.4	28.8
February	32.7	36.2	20.9	23.6	25.6	27.7
March	30.8	34.8	21.1	24.4	24.6	27.7
April	31.6	35.3	25.2	27.5	27.4	29.6
May	33.1	37.2	29.1	32.0	30.2	33.4
June	35.9	38.8	30.7	33.1	32.5	34.5
July	38.0	41.4	33.3	34.9	34.7	36.7
August	37.7	42.1	33.2	37.0	34.7	38.8
September	37.9	42.0	32.9	35.3	34.8	37.5
October	41.4	44.7	35.5	37.3	37.4	39.2
November	39.2	42.8	33.8	37.6	35.9	39.4
December	35.9	40.2	28.1	33.4	30.6	36.2
Average	35.4	38.9	28.4	31.3	30.7	33.8

NA=Not available.

Notes: • Sales for resale are those made to purchasers other than ultimate consumers. • Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and commercial consumers. • Prices prior to 1983 are

Energy Information Administration (EIA) estimates. See Note 6 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.6a Refiner Prices of Petroleum Products: Wholesale, 1975-1982

(Cents per Gallon, Excluding Taxes)

	Finished Aviation Gasoline	Kerosene- Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane
1975						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	40.6	29.8	30.1	28.6	29.7	17.9
August	41.3	32.1	30.6	29.4	30.1	18.8
September	41.2	31.5	30.9	30.0	30.7	19.8
October	41.1	31.7	31.9	30.9	31.3	19.9
November	39.7	31.6	32.3	31.2	31.6	20.2
December	40.9	31.9	33.0	31.3	31.6	20.6
Average	NA	NA	NA	NA	NA	19.7
1976						
January	41.4	30.6	32.8	31.2	31.7	21.2
February	41.2	31.1	32.6	31.2	31.7	21.0
March	41.1	31.2	31.8	30.5	31.2	20.1
April	41.2	31.9	31.2	30.0	31.1	19.4
May	42.1	33.0	31.3	30.2	31.3	19.0
June	42.6	32.1	31.4	30.5	31.7	19.5
July	43.6	32.9	31.9	30.8	31.7	19.9
August	43.7	32.1	31.7	31.0	32.0	20.2
September	43.6	32.5	32.6	31.1	32.1	20.6
October	43.6	32.5	33.0	31.8	32.3	20.9
November	43.4	33.4	34.0	32.6	32.8	21.4
December	43.5	34.7	34.8	33.7	33.5	22.1
Average	42.4	32.5	NA	32.6	31.9	20.6
1977						
January	43.4	34.6	36.0	34.8	34.3	22.9
February	44.7	37.1	36.9	35.8	35.3	24.0
March	45.0	35.9	37.1	36.1	35.9	23.7
April	46.0	35.9	36.5	35.9	36.1	23.6
May	46.6	36.3	36.6	35.8	36.5	24.5
June	46.7	36.8	36.3	35.7	36.3	24.5
July	47.0	37.1	36.1	35.7	36.2	24.9
August	47.9	36.6	36.9	35.6	36.2	25.5
September	47.9	37.1	36.5	35.6	36.2	25.9
October	48.1	37.3	38.0	35.9	36.5	26.8
November	48.3	37.9	37.7	36.4	36.7	26.5
December	47.8	37.2	38.6	36.7	36.6	26.7
Average	46.7	36.7	37.0	36.9	36.1	25.0
1978						
January	47.8	37.9	39.1	38.1	36.6	27.0
February	48.3	38.3	38.8	37.8	36.6	26.5
March	49.1	37.8	38.6	37.6	36.7	25.6
April	49.5	38.1	38.2	37.6	36.5	24.4
May	50.1	38.3	38.2	37.6	36.6	23.7
June	50.4	38.9	38.7	37.7	36.7	23.3
July	51.4	39.0	37.7	37.7	36.4	23.0
August	52.0	38.9	38.2	37.9	36.6	22.7
September	52.6	39.2	39.3	38.6	37.1	22.6
October	52.5	39.7	40.1	39.6	37.7	22.5
November	53.4	40.2	41.5	40.5	38.6	22.1
December	53.2	40.6	42.2	41.3	39.2	22.1
Average	51.0	38.9	39.4	38.7	37.1	24.0
1979						
January	54.1	42.2	42.9	42.1	39.7	22.4
February	54.6	44.3	45.4	44.5	41.8	21.8
March	56.6	54.8	49.7	47.0	44.5	21.2
April	58.2	60.1	56.6	49.3	47.7	22.0
May	60.6	58.1	61.4	52.6	53.4	24.2
June	64.8	59.9	74.1	56.9	58.7	27.9
July	70.0	67.1	74.0	61.1	62.4	29.3
August	74.2	71.4	70.7	64.6	66.0	30.8
September	78.2	73.1	73.3	67.8	69.0	33.3
October	79.8	80.6	72.9	68.1	71.1	35.2
November	81.3	83.4	74.4	69.0	70.3	37.6
December	84.1	83.2	74.6	70.8	73.0	40.4
Average	68.5	66.5	60.8	53.0	58.2	29.5

See footnotes at end of table.

**Table 9.6a Refiner Prices of Petroleum Products: Wholesale, 1975-1982
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Finished Aviation Gasoline	Kerosene- Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane
1980						
January	90.6	83.4	77.3	75.2	76.0	41.8
February	98.5	86.2	81.3	79.0	78.3	42.7
March	102.9	86.4	83.4	80.4	79.8	41.0
April	104.8	88.4	84.2	81.0	80.4	41.2
May	106.2	89.0	85.2	81.4	80.5	41.7
June	107.7	86.1	85.1	82.5	81.7	41.2
July	109.3	88.3	81.7	83.0	81.9	40.8
August	110.2	86.2	81.9	82.9	81.6	40.6
September	110.8	86.4	82.9	83.0	80.3	41.4
October	110.9	87.6	85.7	83.7	81.5	43.2
November	112.4	89.9	89.0	86.1	83.6	45.1
December	115.1	91.4	93.2	91.3	87.5	46.5
Average	107.2	87.5	84.2	82.2	81.2	42.4
1981						
January	118.9	97.1	100.0	98.6	92.5	46.5
February	121.3	103.6	108.0	106.0	99.5	48.2
March	127.2	104.8	108.9	106.3	101.7	48.3
April	117.5	103.8	105.7	105.2	101.3	49.3
May	120.7	104.4	103.4	104.0	100.8	48.6
June	116.5	102.3	101.8	103.0	99.5	46.0
July	120.1	100.5	101.0	102.7	98.8	46.0
August	120.0	101.4	101.7	102.2	97.8	47.2
September	121.0	103.0	101.3	101.6	97.6	47.7
October	117.2	99.9	103.0	101.1	97.4	47.3
November	114.4	101.9	105.0	102.3	98.3	47.5
December	116.8	101.9	105.8	102.6	98.3	45.5
Average	118.8	102.0	103.9	102.6	98.5	47.2
1982						
January	122.4	101.3	105.8	101.5	98.0	43.1
February	122.0	100.0	103.6	98.3	94.8	38.3
March	117.0	97.6	97.4	91.3	90.2	35.7
April	113.4	93.0	92.7	90.0	86.6	34.9
May	109.6	91.7	93.1	95.1	89.1	35.4
June	114.7	94.1	95.0	98.5	93.5	36.9
July	120.4	94.3	94.6	98.6	93.4	39.7
August	117.7	95.0	94.5	96.7	92.3	43.8
September	115.7	95.5	98.1	97.7	92.4	49.5
October	116.6	98.4	103.0	102.0	95.7	51.0
November	118.4	98.2	102.7	101.5	97.3	53.2
December	119.6	93.7	95.7	95.9	91.2	49.5
Average	116.7	96.1	99.2	97.4	92.7	43.3

NA=Not available.

Notes: • Wholesale sales are those made to purchasers other than ultimate consumers, as well as to bulk consumers (such as agriculture, industry, and electric utilities). • Annual averages are the averages of the

monthly prices, weighted by volume. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.6b Refiner Prices of Petroleum Products for Resale, 1978-1992

(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene-Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1978							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	43.4	53.7	38.6	40.4	36.9	36.5	23.7
1979							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	63.7	72.1	66.0	62.4	56.9	57.4	29.1
1980							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	94.1	112.8	86.8	86.4	80.3	80.1	41.5
1981							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	106.4	125.0	101.2	106.6	97.6	97.2	46.6
1982							
January	102.3	128.8	100.5	108.5	98.0	96.7	42.4
February	98.9	128.4	99.2	106.3	93.9	93.5	37.8
March	92.6	123.1	96.8	99.9	86.6	89.0	35.3
April	89.6	119.3	92.2	95.1	83.3	85.4	34.4
May	94.1	115.3	91.0	95.5	86.5	87.9	34.9
June	100.5	120.7	93.3	97.4	89.8	92.2	36.4
July	101.7	126.7	93.5	97.0	91.0	92.1	39.2
August	101.0	123.9	94.2	96.9	90.3	91.0	43.2
September	99.6	121.8	94.7	100.6	92.0	91.1	48.8
October	98.4	122.7	97.6	105.7	96.5	94.4	50.4
November	96.4	124.6	97.3	105.3	97.3	96.1	52.5
December	92.4	125.9	92.9	98.2	89.5	90.0	48.9
Average	97.3	122.8	95.3	101.8	91.4	91.4	42.7

See footnotes at end of table.

**Table 9.6b Refiner Prices of Petroleum Products for Resale, 1978-1992
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene-Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1983							
January	88.5	124.8	91.8	94.2	85.7	85.5	47.0
February	85.4	123.7	89.9	90.0	80.1	80.7	46.7
March	82.9	121.2	84.5	83.1	76.0	75.2	47.4
April	86.5	120.0	82.9	84.2	78.9	76.8	50.0
May	90.4	120.2	84.3	87.7	80.9	80.2	50.5
June	91.5	115.0	84.1	84.6	80.9	80.3	50.9
July	92.3	115.2	84.8	85.2	81.7	80.8	50.7
August	91.5	114.7	85.4	86.7	83.4	81.7	49.8
September	90.2	113.7	86.3	91.9	85.1	83.5	50.1
October	88.1	118.9	86.4	90.8	83.5	83.0	49.9
November	86.6	118.7	84.4	90.4	82.6	82.0	47.3
December	83.8	118.8	83.6	88.6	80.7	80.1	45.4
Average	88.2	117.8	85.4	89.2	81.5	80.8	48.4
1984							
January	83.2	116.7	86.4	95.9	87.5	82.6	47.7
February	83.8	116.5	86.5	100.4	89.2	84.5	47.4
March	84.7	117.1	84.6	91.5	81.3	81.0	45.3
April	86.9	116.8	84.2	90.7	82.8	80.8	44.6
May	86.6	117.1	84.3	90.9	83.2	81.9	44.4
June	84.5	116.8	84.2	88.1	82.4	81.9	44.1
July	81.7	117.2	82.8	87.6	79.4	79.3	42.3
August	81.1	116.7	81.0	86.0	77.8	77.7	43.2
September	82.8	116.8	81.7	88.8	80.0	78.4	44.8
October	83.6	116.4	82.9	88.9	80.8	80.0	46.1
November	81.9	114.8	81.4	88.0	79.4	79.0	45.6
December	78.0	114.0	80.1	86.4	77.1	77.0	43.0
Average	83.2	116.5	83.0	91.6	82.1	80.3	45.0
1985							
January	75.2	114.5	79.6	85.8	75.7	74.9	40.1
February	76.4	114.0	79.5	86.5	75.2	74.2	39.3
March	81.1	113.6	78.9	85.7	76.1	75.6	38.0
April	86.0	112.6	79.4	84.7	79.3	79.2	37.9
May	87.5	113.2	78.2	80.4	76.5	78.9	38.1
June	87.7	113.7	76.1	75.9	72.9	75.5	37.0
July	87.3	113.6	75.2	76.9	70.3	72.3	36.3
August	85.0	113.3	76.8	79.7	72.1	72.5	36.5
September	83.2	113.0	79.2	85.9	77.0	76.3	37.6
October	83.1	113.0	81.6	90.1	81.7	80.5	39.7
November	84.7	112.6	83.6	93.6	84.9	84.3	43.0
December	83.0	108.1	83.1	92.7	83.2	82.1	46.8
Average	83.5	113.0	79.4	87.4	77.6	77.2	39.8
1986							
January	76.7	111.0	77.9	83.8	73.6	73.3	44.0
February	65.1	108.9	67.7	67.1	56.4	56.1	35.4
March	52.4	105.1	58.6	60.8	51.9	47.4	29.2
April	51.8	97.8	50.0	52.2	45.9	46.3	27.3
May	57.9	95.6	47.5	50.1	45.2	44.2	28.5
June	54.4	91.7	44.5	49.3	40.0	39.6	28.3
July	45.7	86.3	40.1	41.1	34.8	34.0	25.3
August	47.9	83.7	39.8	47.8	40.0	38.8	24.6
September	48.6	81.6	42.5	49.1	41.6	41.8	24.8
October	46.1	82.9	43.4	47.9	41.0	40.9	25.1
November	47.1	81.7	43.7	51.3	42.4	41.9	24.3
December	47.4	81.4	45.2	53.4	44.2	43.4	23.6
Average	53.1	91.2	49.5	60.6	48.6	45.2	29.0
1987							
January	53.3	82.9	49.0	59.2	50.6	49.5	25.0
February	55.1	84.9	49.7	56.6	49.3	49.6	24.4
March	56.3	83.6	49.1	54.2	49.0	48.7	23.6
April	57.8	84.1	50.2	55.6	49.4	49.7	24.4
May	59.5	85.2	51.6	55.6	51.5	52.1	24.0
June	60.8	86.9	52.7	55.4	52.6	53.1	23.6
July	62.5	86.6	55.3	57.0	54.9	55.1	24.4
August	63.6	86.9	57.0	59.0	55.1	57.1	25.6
September	60.6	86.8	55.9	58.6	53.3	56.0	26.1
October	60.5	86.9	58.0	62.7	56.7	58.1	26.8
November	59.9	87.2	58.6	63.5	57.0	57.9	27.1
December	55.3	86.3	55.6	60.7	54.2	53.8	26.0
Average	58.9	85.9	53.8	59.2	52.7	53.4	25.2

See footnotes at end of table.

**Table 9.6b Refiner Prices of Petroleum Products for Resale, 1978-1992
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene-Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1988							
January	53.4	85.9	53.2	59.2	52.0	51.0	26.8
February	53.8	84.2	52.4	57.1	48.9	49.0	26.6
March	53.9	84.2	50.4	54.3	47.6	49.2	25.6
April	58.6	84.2	50.4	54.2	50.7	51.9	25.2
May	59.9	85.0	51.4	53.3	50.1	51.3	24.9
June	59.3	85.1	51.0	50.0	46.6	47.9	24.3
July	62.4	86.1	47.5	48.3	43.3	44.0	21.8
August	61.4	86.7	47.9	48.9	44.3	45.0	22.1
September	58.0	85.7	46.9	49.8	43.3	44.7	22.5
October	57.3	83.8	45.2	49.4	41.9	42.0	22.1
November	58.1	83.5	46.4	52.8	45.1	44.6	22.1
December	54.9	83.7	50.1	57.8	49.9	48.0	22.9
Average	57.7	85.0	49.5	54.9	47.3	47.3	24.0
1989							
January	56.3	84.8	56.2	63.1	53.2	51.1	24.0
February	57.4	86.0	55.4	59.5	51.1	52.8	22.7
March	61.2	86.6	56.5	61.3	54.4	56.0	22.5
April	74.0	94.2	59.5	60.3	56.5	59.5	22.7
May	76.3	101.8	56.6	55.9	52.6	54.0	22.1
June	73.8	101.3	54.4	53.8	49.6	50.8	21.4
July	69.0	100.9	53.5	57.0	50.4	50.5	20.7
August	62.7	97.7	54.5	59.9	51.2	52.4	21.7
September	65.7	96.2	58.6	63.6	56.4	58.5	23.1
October	64.2	93.3	63.2	67.5	60.1	62.2	24.4
November	61.4	92.5	63.4	68.5	60.4	62.0	24.3
December	61.6	92.8	67.3	81.7	72.8	68.4	36.4
Average	65.4	95.0	58.3	66.9	56.5	56.7	24.7
1990							
January	69.2	96.8	76.6	87.1	73.8	69.3	54.4
February	67.2	95.0	66.7	67.9	57.8	57.1	34.1
March	66.3	93.8	61.6	64.8	57.9	57.6	27.1
April	69.7	96.4	59.5	62.4	57.4	57.6	25.2
May	72.7	97.4	57.1	59.2	54.5	55.4	24.0
June	72.3	99.5	54.6	53.9	49.4	50.5	24.9
July	70.6	100.2	55.5	57.1	51.9	52.0	27.3
August	85.5	110.4	71.4	80.7	72.1	73.7	36.3
September	94.9	122.2	92.9	100.4	85.3	87.2	43.5
October	98.6	127.9	114.7	115.7	95.0	99.4	53.5
November	95.4	126.2	107.0	106.6	90.6	93.6	50.5
December	80.2	116.1	90.1	92.6	80.9	79.8	44.6
Average	78.6	106.3	77.3	83.9	69.7	69.4	38.6
1991							
January	76.2	111.2	82.0	88.0	76.6	75.5	42.2
February	68.0	104.2	74.0	76.1	67.9	67.4	31.6
March	67.3	97.4	62.4	66.2	59.6	57.7	31.3
April	70.7	97.8	58.9	63.0	57.2	57.4	31.8
May	74.2	100.3	60.8	61.4	56.0	57.2	31.9
June	70.5	99.5	58.8	59.0	54.0	54.5	29.3
July	69.1	98.9	59.4	62.6	56.7	57.1	27.6
August	72.7	100.2	63.3	67.1	60.6	61.9	29.6
September	69.1	99.9	65.9	68.9	62.1	62.9	34.9
October	68.8	98.8	67.1	73.5	66.3	65.6	40.2
November	69.9	99.5	68.2	74.6	66.6	66.5	43.0
December	62.9	97.3	60.1	62.6	55.9	55.6	37.7
Average	69.9	100.1	65.0	72.2	62.2	61.5	34.9
1992							
January	60.0	94.9	53.9	59.9	51.9	51.4	30.9
February	61.7	93.1	55.2	62.0	54.0	54.1	30.2
March	62.7	92.5	54.6	59.1	53.7	54.0	29.5
April	66.6	96.4	56.9	61.6	56.5	57.0	29.0
May	71.5	100.5	60.8	62.1	58.8	60.1	29.4
June	74.2	101.5	63.3	63.7	61.7	62.7	31.6
July	71.0	102.0	64.8	65.7	61.3	61.8	31.5
August	70.6	102.6	63.9	64.2	60.1	60.4	32.9
September	71.0	102.3	64.3	68.8	62.7	63.3	35.4
October	70.4	100.5	66.0	70.1	64.6	65.5	36.6
November	68.1	99.7	61.5	64.5	58.8	60.4	36.2
December	63.8	97.6	58.9	62.8	55.7	56.4	36.3
Average	67.7	99.1	60.4	63.2	57.9	59.0	32.8

^a See Note 5 at end of section.

NA=Not available.

Notes: • Sales for resale are those made to purchasers other than ultimate consumers. Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and

electric utilities) and residential and commercial consumers. • Prices prior to 1983 are Energy Information Administration (EIA) estimates. See Note 6 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.7a Refiner Prices of Petroleum Products: Retail, 1975-1982

(Cents per Gallon, Excluding Taxes^a)

	Finished Aviation Gasoline	Kerosene- Type Jet Fuel	Kerosene	No. 2 Fuel Oil ^a	No. 2 Diesel Fuel	Propane
1975						
January	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA
July	40.6	29.2	33.1	33.7	32.3	32.5
August	42.1	29.5	32.8	34.1	33.2	34.2
September	39.9	29.6	34.7	35.2	33.3	35.7
October	41.2	30.0	34.5	36.4	33.9	34.8
November	42.1	30.2	35.4	37.1	34.2	35.1
December	40.9	30.5	37.1	37.7	33.8	35.3
Average	NA	NA	NA	NA	NA	NA
1976						
January	41.2	31.3	37.2	37.7	34.8	36.3
February	42.0	31.2	35.6	37.0	34.2	36.4
March	41.9	30.7	35.2	36.9	34.0	36.1
April	42.5	30.5	35.1	36.4	34.4	35.6
May	43.1	30.2	34.9	36.3	33.8	34.8
June	42.3	30.3	32.7	NA	34.4	33.0
July	44.2	30.8	33.6	36.9	34.7	33.7
August	44.1	31.1	34.9	38.0	35.0	36.3
September	44.7	31.4	35.8	38.7	35.6	35.6
October	43.8	31.9	37.4	39.9	35.6	35.9
November	43.9	32.4	37.4	41.0	35.5	35.5
December	43.7	32.2	38.4	42.1	35.9	36.2
Average	43.1	31.2	NA	40.6	34.7	NA
1977						
January	44.1	33.2	39.2	43.3	36.6	37.5
February	45.0	34.1	39.1	43.9	38.2	39.3
March	45.7	34.6	39.3	45.0	39.0	37.1
April	47.2	34.9	40.8	45.1	39.6	39.4
May	47.8	35.1	39.6	44.5	39.6	40.3
June	47.6	35.7	39.5	44.4	39.6	42.2
July	48.7	35.8	37.8	45.0	39.6	42.6
August	50.1	36.0	38.8	44.6	39.5	42.6
September	49.1	37.0	39.3	45.0	40.2	43.1
October	49.0	37.3	41.0	45.3	40.3	43.9
November	47.8	37.5	42.6	45.9	40.1	42.8
December	48.1	37.8	42.4	45.6	39.9	44.6
Average	47.7	35.8	39.6	44.0	39.3	40.7
1978						
January	49.1	38.5	41.4	48.5	39.5	45.4
February	48.4	38.2	40.6	48.6	39.8	45.8
March	49.4	38.4	41.2	48.6	39.7	45.1
April	51.5	38.5	44.1	48.6	39.6	45.1
May	50.0	38.6	42.9	48.3	39.9	43.0
June	52.8	38.9	40.6	48.2	40.1	44.2
July	52.4	38.9	41.9	48.2	40.0	43.7
August	54.0	39.3	42.2	48.2	40.0	42.3
September	54.0	39.3	42.6	49.0	39.8	41.5
October	56.1	39.3	46.3	50.2	40.9	40.9
November	51.4	39.4	45.8	51.5	41.7	42.5
December	54.3	39.5	44.8	52.6	42.0	42.7
Average	52.1	38.9	42.0	49.4	40.2	43.9
1979						
January	53.9	40.1	46.8	53.7	43.0	42.3
February	55.1	40.2	48.8	56.3	46.1	42.1
March	56.8	41.3	50.4	58.8	47.9	41.8
April	59.1	45.4	52.8	61.1	50.6	41.5
May	61.2	48.4	54.1	64.2	56.1	40.0
June	66.8	50.9	58.6	69.1	65.0	41.1
July	71.8	58.2	61.4	73.8	68.9	43.3
August	75.6	60.8	64.6	78.4	72.3	46.3
September	79.0	65.9	71.7	81.0	71.8	48.3
October	80.4	68.4	73.3	82.3	74.8	49.9
November	80.6	69.7	73.8	83.7	72.1	52.8
December	83.4	72.3	74.7	85.8	80.7	56.2
Average	69.5	55.1	58.4	65.6	62.4	46.2

See footnotes at end of table.

**Table 9.7a Refiner Prices of Petroleum Products: Retail, 1975-1982
(Continued)**

(Cents per Gallon, Excluding Taxes^a)

	Finished Aviation Gasoline	Kerosene- Type Jet Fuel	Kerosene	No. 2 Fuel Oil ^a	No. 2 Diesel Fuel	Propane
1980						
January	90.0	77.0	79.1	90.8	82.2	57.7
February	97.8	83.0	83.6	95.3	85.0	61.1
March	107.0	86.3	89.1	97.1	87.8	62.0
April	109.6	87.4	88.8	97.4	88.0	60.4
May	109.7	87.6	89.2	97.2	87.8	60.6
June	111.4	88.6	90.3	97.9	88.6	61.6
July	113.4	89.7	88.8	97.9	87.6	62.5
August	112.9	90.7	88.9	97.9	86.9	61.8
September	113.4	88.8	91.0	98.1	86.6	62.0
October	113.0	88.7	91.8	98.7	85.9	62.0
November	113.0	91.0	97.6	101.1	88.9	65.4
December	117.2	91.6	102.3	106.5	92.4	68.4
Average	109.4	87.4	90.1	97.8	87.3	62.4
1981						
January	121.6	95.7	106.6	114.4	100.9	69.7
February	128.1	101.6	118.3	123.4	106.1	70.6
March	131.1	106.3	119.1	125.5	108.8	72.0
April	131.3	106.4	117.8	123.9	107.7	72.5
May	133.5	106.2	113.7	122.7	106.8	72.9
June	132.1	104.8	111.1	120.9	106.6	73.1
July	133.4	103.8	110.3	121.0	103.8	71.6
August	132.5	103.3	113.4	119.4	105.9	71.0
September	133.5	103.3	113.9	119.7	104.8	70.0
October	134.5	101.1	112.6	118.8	105.3	66.2
November	133.2	102.6	112.2	120.8	105.2	70.1
December	131.9	102.2	111.9	122.0	105.1	74.1
Average	131.5	103.1	112.1	120.5	106.2	71.0
1982						
January	133.2	101.6	111.0	122.0	105.3	72.4
February	134.0	101.0	110.5	120.7	103.2	71.1
March	134.8	99.6	112.0	115.3	98.0	68.1
April	132.7	96.8	102.9	113.2	96.1	67.7
May	132.7	95.5	104.9	114.3	97.6	66.8
June	132.5	95.3	109.2	116.2	102.2	67.1
July	134.4	95.3	108.8	115.8	101.1	62.0
August	132.6	95.4	101.7	115.9	99.3	64.5
September	130.0	95.1	102.5	115.2	99.8	72.3
October	131.5	95.8	107.5	119.6	102.1	75.2
November	131.7	96.4	113.7	121.6	104.5	77.8
December	130.3	95.6	108.1	119.6	100.3	80.2
Average	132.4	96.9	108.7	118.6	100.5	71.9

^a Taxes are excluded except for No. 2 fuel oil, which includes some taxes. Data collection form instructions for No. 2 fuel oil specifically directed that all Federal, State, and local taxes paid by consumers be included; however, inspection of the data indicates that tax information was frequently excluded by the reporting distributors.
NA=Not available.

Notes: • Retail sales are those made directly to ultimate consumers, but excluding bulk consumers (such as agriculture, industry, and electric utilities).
• Annual averages are the averages of the monthly prices, weighted by volume.
• Geographic coverage is the 50 States and the District of Columbia.
Sources: See end of section.

Table 9.7b Refiner Prices of Petroleum Products: To End Users, 1978-1992

(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene-Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1978							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	48.4	51.6	38.7	42.1	40.0	37.7	33.5
1979							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	71.3	68.9	54.7	58.5	51.6	58.5	35.7
1980							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	103.5	108.4	86.8	90.2	78.8	81.8	48.2
1981							
January	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA
Average	114.7	130.3	102.4	112.3	91.4	99.5	56.5
1982							
January	110.8	132.0	101.0	111.2	94.4	98.7	57.8
February	108.6	132.8	100.4	110.7	95.0	96.7	57.7
March	102.2	133.6	99.0	112.2	90.6	91.9	57.3
April	98.3	131.5	96.2	103.1	85.0	90.1	57.3
May	102.1	131.5	94.9	105.1	84.4	91.5	57.8
June	109.3	131.3	94.7	109.4	85.1	95.8	57.7
July	110.4	133.2	94.7	109.0	83.6	94.8	55.1
August	108.9	131.4	94.8	101.9	86.3	93.1	56.7
September	107.7	128.8	94.5	102.7	86.2	93.5	59.9
October	106.4	130.3	95.2	107.7	89.8	95.7	60.7
November	105.1	129.5	95.8	113.7	94.2	97.7	63.2
December	102.2	129.1	95.0	108.3	93.9	94.0	64.2
Average	106.0	131.2	96.3	108.9	90.5	94.2	59.2

See footnotes at end of table.

Table 9.7b Refiner Prices of Petroleum Products: To End Users, 1978-1992
(Continued)

(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene-Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1983							
January	97.1	129.2	94.5	104.5	100.9	89.2	72.7
February	92.5	127.2	92.6	101.4	97.0	84.0	71.7
March	89.8	126.6	90.6	97.1	93.0	78.0	68.1
April	94.7	125.2	88.8	93.4	89.1	78.8	68.6
May	96.6	125.4	87.8	93.8	89.5	81.8	72.2
June	97.8	125.6	86.3	90.0	87.3	81.5	67.3
July	98.8	125.1	85.6	89.0	85.1	82.0	66.4
August	98.4	125.9	85.5	90.8	86.1	83.0	68.9
September	96.9	124.2	86.1	92.7	88.0	84.8	74.9
October	95.4	124.7	86.0	98.9	89.0	84.2	69.6
November	93.9	124.5	85.8	100.0	90.1	83.5	72.8
December	92.4	124.4	85.5	96.6	92.1	82.2	76.4
Average	95.4	125.5	87.8	96.1	91.6	82.6	70.9
1984							
January	90.6	123.9	85.8	106.8	97.7	84.4	76.8
February	90.2	123.7	86.5	117.9	104.6	87.4	76.3
March	90.7	123.8	85.6	111.3	94.7	83.2	76.4
April	92.9	124.4	85.1	105.8	91.9	82.4	76.5
May	93.4	123.9	85.2	102.4	90.9	83.2	70.4
June	92.5	124.6	84.5	94.3	86.9	84.0	70.6
July	90.4	124.3	84.1	90.6	84.3	81.3	69.6
August	89.2	123.2	83.4	92.8	82.8	79.7	71.9
September	89.7	123.7	83.1	99.2	84.3	80.2	73.4
October	90.5	123.3	83.2	102.7	87.3	81.6	74.1
November	89.9	119.3	82.4	106.1	87.7	80.7	73.8
December	88.0	121.9	82.2	101.4	88.1	79.4	70.0
Average	90.7	123.4	84.2	103.6	91.6	82.3	73.7
1985							
January	84.6	121.7	81.4	105.9	87.4	77.6	78.7
February	83.6	121.1	80.9	103.7	86.8	76.7	76.1
March	87.1	121.4	80.4	103.1	86.0	77.0	74.6
April	92.4	121.2	80.1	101.0	85.8	79.9	68.4
May	94.4	121.9	79.5	94.1	82.2	79.7	70.5
June	95.2	121.7	78.6	88.2	77.8	77.2	66.8
July	95.4	120.2	78.5	86.0	72.3	74.5	62.9
August	94.0	118.9	77.7	89.9	74.7	73.8	62.8
September	91.9	119.5	78.1	96.1	81.2	78.1	63.8
October	90.8	118.9	78.8	100.6	85.2	81.6	72.4
November	91.7	118.3	80.1	106.8	91.3	85.5	74.0
December	91.9	117.0	80.9	111.5	92.3	85.6	77.0
Average	91.2	120.1	79.6	103.0	84.9	78.9	71.7
1986							
January	89.3	116.2	80.4	104.7	86.9	78.1	83.3
February	80.5	117.2	77.8	93.0	69.8	61.5	80.9
March	65.4	111.5	68.9	84.9	62.9	51.2	80.1
April	59.1	104.3	57.3	79.5	54.9	48.5	75.9
May	63.8	102.2	51.9	67.6	50.0	46.4	73.1
June	64.9	101.0	48.2	51.6	44.3	42.0	73.5
July	58.0	98.2	43.4	48.2	38.4	36.5	70.3
August	55.5	94.9	41.0	60.5	43.8	40.5	68.4
September	56.2	93.2	41.5	73.7	46.1	43.3	70.4
October	53.2	91.2	41.6	69.5	44.8	41.9	69.8
November	53.2	87.2	42.4	74.5	48.3	43.2	69.6
December	54.2	88.8	43.0	76.8	51.5	45.0	72.0
Average	62.4	101.1	52.9	79.0	56.0	47.8	74.5
1987							
January	59.7	87.9	45.9	82.8	58.3	50.7	73.3
February	62.1	89.7	49.2	80.4	58.9	51.7	74.1
March	62.7	90.3	50.0	82.0	55.1	51.0	72.5
April	64.9	89.8	51.0	78.2	55.0	51.5	71.4
May	66.3	90.6	52.4	66.8	54.7	53.3	71.2
June	67.7	91.3	53.4	59.8	54.7	54.3	65.8
July	69.6	91.5	55.7	60.4	56.6	56.3	64.6
August	71.6	92.4	58.2	60.2	57.9	58.1	67.4
September	70.5	91.9	58.3	77.0	56.3	57.0	66.6
October	69.7	91.4	59.5	78.8	60.7	59.5	65.4
November	69.4	91.0	59.9	83.1	63.2	60.4	71.1
December	67.4	90.0	58.2	87.9	63.0	57.3	71.7
Average	66.9	90.7	54.3	77.0	58.1	55.1	70.1

See footnotes at end of table.

**Table 9.7b Refiner Prices of Petroleum Products: To End Users, 1978-1992
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Finished Motor Gasoline ^a	Finished Aviation Gasoline	Kerosene-Type Jet Fuel	Kerosene	No. 2 Fuel Oil	No. 2 Diesel Fuel	Propane (Consumer Grade)
1988							
January	64.9	88.4	56.4	84.1	63.0	54.2	72.6
February	63.3	88.2	55.0	84.6	60.1	51.9	75.5
March	62.5	87.7	53.9	77.5	57.6	51.3	73.6
April	66.0	87.6	52.3	82.2	58.5	53.8	68.9
May	68.4	89.2	53.1	61.2	55.5	53.6	65.2
June	68.1	87.2	52.7	55.4	49.3	50.8	70.0
July	69.9	89.7	50.3	56.0	46.3	47.2	70.7
August	71.8	92.2	49.1	56.3	47.7	47.3	68.9
September	70.0	90.8	48.4	66.1	48.3	47.3	69.9
October	68.0	88.7	46.3	71.8	48.0	45.4	69.4
November	67.6	89.2	47.6	71.1	51.5	47.4	71.5
December	66.1	89.2	51.0	74.1	58.1	50.5	73.5
Average	67.3	89.1	51.3	73.8	54.4	50.0	71.4
1989							
January	65.6	89.2	56.2	71.4	56.7	53.5	65.6
February	66.1	89.7	57.0	72.2	55.6	54.3	66.8
March	68.4	90.6	57.9	67.6	57.1	57.0	63.8
April	81.7	99.1	60.6	66.2	59.2	61.0	55.9
May	85.5	107.0	58.1	59.7	54.8	57.1	55.4
June	84.5	107.1	56.2	53.9	50.3	53.4	49.0
July	82.0	105.5	54.7	55.3	51.9	53.1	54.9
August	76.6	101.9	55.1	58.0	52.7	53.7	57.4
September	74.9	100.7	58.9	66.8	57.3	59.5	59.0
October	74.7	100.4	63.8	73.6	61.7	63.7	59.9
November	72.7	98.6	64.4	77.7	62.6	64.5	58.4
December	72.1	97.3	68.1	90.0	76.0	71.3	74.4
Average	75.6	99.5	59.2	70.9	58.7	58.5	61.5
1990							
January	78.8	102.0	79.8	101.7	81.2	76.5	90.8
February	76.5	102.4	68.4	82.6	64.3	61.9	82.6
March	75.1	100.9	63.2	84.1	62.8	60.6	71.5
April	77.9	101.4	60.7	76.6	61.9	60.3	68.5
May	80.2	103.6	58.1	67.0	57.5	58.4	54.8
June	81.5	104.2	55.7	59.9	51.4	54.0	57.4
July	80.8	103.9	55.4	60.0	53.6	55.0	55.6
August	92.4	112.8	70.7	90.6	74.2	76.2	64.7
September	101.2	125.6	92.1	104.4	87.3	88.4	72.5
October	108.7	134.4	116.8	121.2	99.4	101.0	76.9
November	107.2	131.7	108.4	119.6	93.5	96.0	84.6
December	98.4	122.5	90.9	112.1	86.8	85.9	85.3
Average	88.3	112.0	76.6	92.3	73.4	72.5	74.5
1991							
January	88.8	112.1	81.1	105.0	84.3	80.5	86.7
February	79.5	106.4	73.7	96.9	75.2	71.4	81.4
March	74.0	101.3	62.1	88.8	64.5	61.8	76.0
April	77.0	101.2	58.7	73.8	61.6	60.6	67.4
May	82.0	105.3	60.1	69.3	58.9	60.1	66.7
June	81.9	105.2	59.2	62.3	56.3	57.9	62.8
July	78.9	103.6	59.7	64.7	59.1	59.5	61.1
August	81.1	105.8	63.8	68.7	62.3	63.3	63.6
September	80.2	105.7	66.6	73.6	63.9	64.8	65.0
October	77.9	104.6	67.8	81.6	68.5	68.0	68.0
November	79.1	104.3	69.6	94.3	70.9	69.7	73.7
December	76.0	102.0	61.5	85.8	63.0	60.9	78.2
Average	79.7	104.7	65.2	83.8	66.5	64.8	73.0
1992							
January	71.9	98.5	54.2	83.3	59.7	55.5	71.3
February	70.8	98.5	56.5	78.3	62.0	57.1	NA
March	71.6	98.0	55.5	80.2	61.4	56.8	66.4
April	75.2	99.1	57.3	78.3	60.6	59.2	70.3
May	80.8	102.4	61.0	73.3	60.9	62.1	62.5
June	84.5	106.4	63.9	68.7	62.9	64.9	54.5
July	83.5	106.8	64.9	70.5	62.8	64.5	52.3
August	82.3	105.7	64.2	69.0	62.3	63.4	55.8
September	82.3	104.9	64.6	70.5	65.6	65.3	60.3
October	81.3	104.3	66.4	87.2	68.2	67.8	59.9
November	81.5	103.4	62.7	83.3	64.3	64.5	61.1
December	78.5	101.3	58.9	84.0	63.6	60.8	68.4
Average	78.4	102.7	61.0	78.6	62.7	61.8	66.2

^a See Note 5 at end of section.

NA=Not available.

Notes: • Sales to end users are those made directly to ultimate consumers, including bulk consumers (such as agriculture, industry, and electric utilities) and residential and commercial consumers. Sales for resale

are those made to purchasers other than ultimate consumers.

• Prices prior to 1983 are Energy Information Administration (EIA) estimates.

See Note 6 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.8a No. 2 Distillate Prices to Residences, 1978-1992: Northeastern States

(Cents per Gallon, Excluding Taxes)

	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania
1978									
January	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	48.6	50.3	50.8	48.8	50.7	50.1	50.1	49.6	48.8
1979									
January	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	68.8	72.5	72.5	70.9	72.8	72.0	71.2	71.0	69.8
1980									
January	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	96.3	100.4	101.5	97.8	101.1	98.3	98.2	97.9	96.4
1981									
January	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	120.4	123.7	125.4	121.3	123.8	121.7	123.2	121.5	118.1
1982									
January	120.0	123.3	126.2	123.8	125.8	122.6	125.4	122.0	119.5
February	118.8	121.2	125.0	121.9	123.0	120.3	124.0	120.0	118.3
March	111.3	116.8	120.5	116.7	116.5	114.8	119.5	115.7	109.5
April	108.6	112.3	115.3	113.7	114.7	110.6	114.4	113.4	111.0
May	113.2	114.3	116.0	115.1	115.9	112.4	117.6	113.8	110.8
June	114.9	117.2	118.5	114.7	117.9	115.9	118.4	116.3	112.8
July	115.8	116.7	118.2	114.4	119.2	116.4	118.2	116.4	110.5
August	116.7	115.4	113.3	115.4	118.7	118.3	118.6	116.6	111.5
September	116.7	115.8	118.8	115.4	120.0	119.5	119.1	115.7	106.4
October	117.6	116.7	121.1	118.8	123.9	122.6	122.4	120.0	117.3
November	117.9	121.2	124.5	121.5	124.5	123.6	124.4	121.3	119.5
December	114.7	118.3	124.1	119.5	121.0	122.4	123.8	117.7	117.1
Average	115.5	117.4	120.1	117.6	120.1	118.3	120.5	117.4	113.7

See footnotes at end of table.

**Table 9.8a No. 2 Distillate Prices to Residences, 1978-1992: Northeastern States
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania
1983									
January	109.0	111.6	121.5	116.3	116.2	119.5	120.6	115.7	113.7
February	103.7	105.5	116.9	113.2	112.2	115.8	117.6	110.4	109.6
March	97.4	100.8	109.6	105.4	106.8	108.3	110.2	104.6	104.0
April	99.5	100.9	110.6	104.4	108.8	104.5	106.9	104.4	101.8
May	101.6	102.6	111.2	107.0	109.6	105.9	108.2	105.5	103.3
June	102.6	101.2	112.8	105.9	112.0	104.3	110.5	104.6	102.2
July	102.6	104.3	112.3	105.3	109.1	104.2	109.9	104.5	101.3
August	105.6	103.5	111.7	105.4	107.9	103.8	110.0	105.5	101.6
September	103.8	104.0	111.0	106.2	108.1	103.8	110.5	106.1	102.8
October	102.9	103.1	109.4	105.6	108.0	104.3	110.3	105.4	103.3
November	101.8	101.5	109.8	106.1	108.7	104.1	110.2	104.6	103.7
December	102.2	103.7	110.0	108.1	109.4	105.6	110.9	106.7	104.6
Average	102.8	104.1	112.9	109.1	110.5	109.1	112.1	107.9	105.8
1984									
January	110.2	114.0	116.6	114.4	113.7	115.7	118.3	114.1	112.9
February	112.6	117.8	118.9	119.7	117.5	121.7	124.3	119.5	117.4
March	103.3	108.8	115.1	113.1	111.7	114.5	117.0	113.5	110.9
April	103.3	107.7	113.3	112.4	110.7	113.4	116.0	110.6	107.8
May	102.7	108.8	112.2	112.5	111.4	112.5	114.5	109.1	105.8
June	103.7	104.5	112.8	110.5	110.8	110.6	115.0	107.1	103.3
July	102.5	101.9	108.6	107.3	109.3	107.4	112.8	104.9	99.7
August	98.0	98.6	108.0	105.5	106.0	104.7	110.2	103.6	99.6
September	99.1	101.0	106.9	106.0	105.9	105.4	109.3	104.3	100.9
October	101.9	102.2	108.0	106.9	107.4	106.2	111.9	105.7	101.5
November	100.6	102.7	107.5	107.2	106.5	107.2	111.7	105.2	102.9
December	97.9	103.1	106.4	107.0	107.1	106.4	111.3	104.9	103.2
Average	103.9	108.4	111.9	111.6	111.4	112.1	115.5	111.0	107.9
1985									
January	97.9	100.7	106.9	107.2	108.1	106.9	111.3	105.0	102.9
February	98.5	102.7	107.3	107.1	106.9	107.2	112.0	105.7	103.2
March	100.6	103.3	107.9	107.3	106.2	106.8	111.3	105.1	102.1
April	101.5	102.3	106.5	106.6	106.8	107.0	111.0	105.2	101.0
May	99.4	99.9	105.4	104.5	102.1	106.2	109.8	103.3	99.7
June	95.4	94.4	103.7	101.0	98.6	103.5	108.1	99.6	94.9
July	91.4	91.2	101.4	98.3	97.4	100.6	105.3	97.4	92.1
August	90.5	91.8	101.4	96.2	95.9	99.6	105.5	97.5	92.5
September	94.0	97.6	104.7	100.7	101.0	100.5	104.5	101.3	96.8
October	99.5	102.3	106.7	104.6	104.4	106.6	107.1	103.3	98.6
November	103.7	108.0	111.1	110.7	111.6	111.4	114.4	109.3	105.5
December	105.5	108.9	113.0	111.1	110.9	114.2	115.0	112.0	109.0
Average	99.7	102.4	107.7	107.0	106.7	108.0	111.3	105.9	102.3
1986									
January	101.1	103.7	109.0	105.9	101.8	111.5	111.5	107.7	104.7
February	90.9	88.6	100.2	90.6	93.4	99.5	102.7	98.3	95.3
March	86.5	84.3	95.6	85.8	84.6	93.5	96.3	91.5	87.2
April	77.9	75.2	89.0	76.8	79.7	86.2	87.6	84.8	78.1
May	74.5	70.7	84.7	74.2	76.6	80.7	85.0	80.1	72.6
June	68.5	65.4	78.9	68.7	69.0	77.6	81.4	75.6	66.0
July	59.4	63.3	70.8	65.6	69.2	68.5	72.3	75.8	63.6
August	58.5	63.3	68.8	65.0	69.1	66.9	71.3	72.4	62.6
September	58.2	63.0	69.4	67.8	69.6	68.4	73.7	73.4	63.6
October	58.7	64.3	69.5	68.2	68.7	68.9	73.9	74.7	64.1
November	59.3	65.3	70.5	69.3	71.6	70.2	76.0	74.6	66.1
December	66.3	69.5	72.4	72.6	74.6	72.5	78.8	76.7	68.2
Average	74.4	75.9	86.6	82.1	82.8	89.0	91.1	90.2	81.4
1987									
January	72.7	76.2	78.2	80.5	79.8	80.0	84.0	83.5	75.2
February	73.1	75.4	79.5	80.3	81.5	83.4	85.0	84.7	76.0
March	74.2	74.0	79.1	79.6	81.5	82.2	84.4	83.0	74.6
April	75.0	73.5	78.4	79.0	81.4	82.4	84.3	82.6	74.1
May	74.9	74.7	79.8	79.9	80.8	82.8	84.9	82.0	73.2
June	74.1	74.4	79.9	78.6	79.5	81.6	83.5	82.1	70.8
July	74.5	74.3	80.8	78.7	80.5	82.2	82.7	82.4	72.6
August	74.8	75.7	80.3	77.2	79.4	82.0	83.4	81.8	73.9
September	74.7	76.0	81.1	78.9	80.5	82.5	82.8	82.5	74.8
October	73.4	78.0	83.5	81.0	83.0	84.3	85.3	84.2	77.7
November	75.2	79.3	84.3	83.1	86.2	87.3	87.4	86.3	80.8
December	79.1	81.9	84.9	83.7	87.1	87.8	88.0	87.2	81.7
Average	74.7	76.5	81.1	80.6	82.5	83.4	85.2	84.3	76.9

See footnotes at end of table.

**Table 9.8a No. 2 Distillate Prices to Residences, 1978-1992: Northeastern States
(Continued)**

(Cents per Gallon, Excluding Taxes)

	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut	New York	New Jersey	Pennsylvania
1988									
January	80.3	82.5	85.9	85.6	87.1	88.9	89.1	88.1	82.9
February	79.7	81.6	85.9	84.1	86.4	89.0	88.4	87.7	82.0
March	79.2	80.3	85.0	83.3	84.7	87.4	87.3	86.8	81.1
April	78.7	79.0	85.0	83.2	85.4	88.1	86.7	85.8	80.5
May	77.6	78.3	84.4	82.3	85.1	87.6	84.9	85.4	79.1
June	75.4	79.3	83.8	78.3	81.4	86.4	83.5	82.5	74.6
July	73.3	76.6	81.3	77.1	76.3	83.5	81.7	80.9	71.1
August	75.7	73.8	80.3	74.2	79.7	81.9	78.0	78.6	63.9
September	71.7	73.3	78.5	80.0	78.4	80.8	83.0	76.3	68.6
October	69.0	71.5	77.0	77.7	75.5	79.9	81.7	77.8	69.5
November	72.0	72.3	77.8	77.9	79.7	80.5	83.3	78.8	70.9
December	80.2	77.3	81.6	82.8	83.4	84.4	87.8	84.0	76.5
Average	77.7	78.2	82.6	82.1	83.6	85.3	86.3	84.8	77.8
1989									
January	85.6	83.0	86.0	87.1	87.5	88.4	91.0	87.3	81.6
February	87.4	83.8	86.9	86.3	88.3	88.7	92.2	87.0	82.2
March	88.3	84.8	87.8	88.1	90.0	89.8	93.4	88.9	83.2
April	87.4	83.2	87.5	87.8	89.9	89.4	93.8	87.8	83.2
May	81.0	83.1	86.4	86.8	88.8	88.1	92.9	87.2	82.2
June	73.5	79.5	84.3	83.4	87.6	85.6	92.0	83.0	77.6
July	72.1	77.8	82.9	81.1	85.4	84.9	90.9	82.3	74.1
August	70.0	78.2	82.0	81.1	84.1	84.6	90.1	80.1	72.6
September	74.6	79.4	82.6	84.9	86.5	85.2	86.6	81.8	74.2
October	82.7	83.2	85.3	88.5	90.3	88.9	91.0	87.3	78.9
November	86.7	87.5	86.1	91.1	92.3	90.3	93.7	89.7	81.6
December	106.0	112.1	109.8	115.2	114.0	112.5	113.0	108.5	103.1
Average	89.4	89.3	90.5	92.6	93.9	92.9	95.8	91.8	85.1
1990									
January	116.1	118.5	121.5	117.0	122.5	120.0	122.2	117.3	113.7
February	85.4	96.2	98.7	99.8	98.5	100.8	103.2	99.5	93.4
March	84.0	93.2	95.6	98.7	97.3	97.7	101.6	98.5	90.3
April	83.2	90.1	94.2	95.1	95.9	96.3	100.2	96.5	87.6
May	81.2	87.0	91.7	92.4	93.9	92.7	98.9	94.4	84.4
June	76.7	82.8	87.2	88.9	89.1	87.1	94.5	88.6	78.3
July	74.2	80.7	85.4	88.0	86.9	85.4	93.0	85.4	74.3
August	97.7	99.2	97.4	102.3	102.3	104.1	102.3	102.1	92.5
September	118.4	110.9	114.4	118.1	118.8	114.7	117.9	117.2	108.7
October	126.0	119.8	124.2	126.8	120.1	128.2	130.2	129.4	122.3
November	116.4	116.2	123.7	122.8	119.5	128.1	129.6	126.8	122.5
December	113.4	111.2	119.6	120.0	115.3	124.7	126.6	122.2	119.3
Average	98.9	102.8	107.0	108.4	108.6	109.8	112.5	108.7	102.6
1991									
January	114.4	107.2	117.7	118.1	113.3	122.5	124.6	119.6	117.7
February	105.9	100.7	111.3	111.3	109.5	116.0	120.2	113.2	110.9
March	95.4	90.5	104.4	102.6	101.8	109.0	112.8	104.3	101.8
April	87.1	83.9	98.5	96.1	94.7	101.4	106.7	98.6	95.5
May	81.9	79.4	93.5	91.7	89.7	96.5	101.2	94.4	89.9
June	79.6	77.3	91.3	88.9	87.1	92.7	98.1	90.3	85.7
July	82.3	77.6	88.1	88.5	88.8	90.0	93.9	88.5	80.8
August	83.4	80.6	88.6	88.7	88.7	89.7	93.0	89.0	81.8
September	87.3	84.2	91.9	90.9	90.3	92.0	98.7	92.2	83.4
October	91.3	87.8	93.9	94.9	94.9	96.3	103.3	96.9	88.8
November	95.1	90.1	95.7	97.5	95.8	99.8	108.1	100.7	93.6
December	89.3	88.8	94.1	95.8	93.4	98.3	105.7	96.6	93.1
Average	96.0	91.6	101.9	103.0	99.9	106.2	111.3	104.0	99.7
1992									
January	87.7	88.1	92.4	93.2	90.7	96.4	103.4	95.6	91.4
February	88.2	86.5	92.8	92.5	91.7	95.5	103.8	95.1	91.5
March	86.4	83.3	92.2	91.5	90.9	94.0	102.1	93.5	90.1
April	85.5	81.8	91.7	91.4	90.4	93.3	101.1	92.9	89.4
May	85.5	81.7	91.5	91.0	90.9	93.1	101.1	89.2	88.6
June	87.1	82.9	90.7	91.3	89.7	91.8	101.7	90.4	86.5
July	87.7	82.3	89.1	90.4	89.9	93.1	100.7	90.3	83.0
August	87.8	81.8	89.4	89.6	89.4	90.5	99.0	88.1	81.7
September	86.8	83.0	91.6	90.7	89.8	91.8	99.7	90.8	84.4
October	89.3	87.6	92.0	93.5	92.7	94.9	102.7	94.0	87.5
November	88.3	87.6	92.6	93.8	92.5	95.8	104.7	94.6	89.6
December	85.7	87.7	92.9	93.5	91.5	95.2	104.3	95.4	89.3
Average	87.1	85.6	92.2	92.4	91.2	94.7	102.8	93.9	88.9

NA=Not available.

Notes: • States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. • Prices prior to 1983 are Energy Information

Administration (EIA) estimates. See Note 6 at end of section. Sources: See end of section.

Table 9.8b No. 2 Distillate Prices to Residences, 1978-1992: Selected South Atlantic and Midwestern States

(Cents per Gallon, Excluding Taxes)

	Delaware	District of Columbia	Maryland	Virginia	West Virginia	Ohio	Michigan	Indiana	Illinois	Wisconsin	Minnesota
1978											
January	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	47.8	50.7	49.2	49.1	46.2	47.4	47.9	48.5	46.5	44.7	47.8
1979											
January	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	68.2	74.2	70.1	70.4	65.1	68.6	70.9	72.7	68.8	67.3	72.4
1980											
January	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	95.4	102.6	97.9	98.5	92.2	91.9	97.8	99.6	95.8	91.5	99.9
1981											
January	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Average	117.3	127.4	121.4	120.5	115.0	113.2	118.3	118.5	114.9	109.1	118.4
1982											
January	114.4	128.5	120.3	121.7	114.3	113.7	118.3	119.6	114.2	111.0	118.5
February	114.3	127.9	120.3	119.5	111.1	110.5	116.8	118.0	113.1	110.2	118.3
March	110.3	125.4	115.5	117.2	105.1	105.2	110.9	112.9	107.3	106.9	111.4
April	108.6	120.5	112.8	114.1	102.1	105.4	108.4	108.9	104.2	105.8	115.4
May	107.4	122.7	114.3	115.7	105.8	108.4	112.8	114.6	107.0	105.4	110.2
June	109.9	120.4	115.8	116.6	111.6	112.2	114.6	117.7	113.9	107.4	115.8
July	108.4	122.5	116.6	116.2	110.3	112.1	113.1	115.1	114.0	108.1	114.5
August	109.3	121.5	115.9	115.8	107.6	110.7	112.6	110.7	110.6	106.2	114.0
September	109.9	122.6	117.9	118.3	110.0	110.0	112.8	110.9	110.9	106.9	114.1
October	114.2	126.2	117.2	119.1	111.7	111.8	115.5	114.7	113.3	107.2	117.4
November	116.1	128.9	119.7	120.2	111.6	112.9	116.0	116.5	113.9	109.7	117.7
December	113.2	126.6	118.1	117.6	110.7	110.2	114.2	112.1	109.0	108.6	114.3
Average	111.3	124.5	117.1	117.7	109.3	110.2	113.9	114.3	110.9	107.8	115.1

See footnotes at end of table.

Table 9.8b No. 2 Distillate Prices to Residences, 1978-1992: Selected South Atlantic and Midwestern States (Continued)

(Cents per Gallon, Excluding Taxes)

	Delaware	District of Columbia	Maryland	Virginia	West Virginia	Ohio	Michigan	Indiana	Illinois	Wisconsin	Minnesota
1983											
January	110.5	122.8	115.4	116.0	105.6	107.9	110.6	105.7	103.8	108.5	107.8
February	108.2	119.7	112.6	112.0	104.7	104.4	108.5	102.8	99.5	104.5	101.6
March	103.9	115.3	108.2	106.9	99.2	98.2	103.7	95.7	96.6	96.8	96.5
April	103.0	113.1	107.9	106.7	97.5	95.8	102.5	96.8	97.7	97.1	100.5
May	104.6	112.9	108.6	107.2	96.1	96.5	102.7	98.2	100.3	98.7	101.9
June	107.3	114.7	108.3	106.8	97.3	96.1	110.7	98.2	100.2	98.7	102.4
July	107.8	112.8	107.2	107.4	94.9	97.3	105.3	99.4	99.6	99.0	102.6
August	102.5	113.3	107.0	107.7	96.1	95.2	102.2	98.9	100.7	99.2	104.4
September	103.5	113.9	108.1	108.1	100.7	101.2	103.9	101.4	102.5	100.7	103.7
October	103.5	113.4	108.7	104.8	100.6	100.2	105.8	101.5	101.0	101.8	104.8
November	103.7	113.5	108.8	104.9	100.5	101.0	105.4	100.7	100.8	100.4	104.4
December	105.5	114.7	109.2	105.2	101.5	102.1	106.8	101.1	99.6	100.5	104.2
Average	106.0	117.0	110.3	108.7	101.0	101.3	106.4	100.7	100.4	101.2	103.1
1984											
January	114.8	122.0	115.6	111.4	108.5	104.6	107.3	106.0	104.7	101.5	106.6
February	118.4	128.6	121.9	117.5	109.9	105.7	108.0	107.3	105.9	102.8	102.8
March	111.1	122.6	116.2	112.6	104.9	101.7	105.6	100.6	102.3	101.7	105.1
April	109.9	119.9	115.6	110.8	101.6	101.9	104.8	103.4	100.3	101.4	103.9
May	109.0	119.5	113.0	111.1	98.9	103.1	105.2	102.4	102.3	101.0	105.3
June	107.2	116.3	109.9	108.7	99.5	101.7	103.3	105.9	101.6	100.5	104.2
July	103.7	116.5	109.0	107.2	96.2	101.8	102.6	101.4	99.4	100.5	105.1
August	103.7	109.8	105.2	105.2	96.6	99.5	101.8	100.3	98.9	100.0	104.5
September	102.1	109.9	106.7	105.9	96.9	100.1	103.2	100.7	98.6	98.8	103.5
October	103.5	111.8	107.5	106.7	98.3	101.2	103.0	100.9	97.1	100.7	103.0
November	103.3	111.9	108.2	107.1	99.6	100.8	103.5	102.3	95.8	101.0	103.1
December	102.8	112.9	107.1	107.7	99.2	99.3	103.2	100.9	94.4	99.0	102.8
Average	109.6	118.7	113.5	110.5	102.1	102.1	105.0	103.1	100.1	101.0	104.1
1985											
January	103.8	112.1	107.5	106.2	98.4	98.3	102.1	98.6	95.2	97.3	99.5
February	104.0	117.1	108.6	106.8	98.3	98.7	101.0	97.8	94.4	96.2	99.8
March	104.6	115.9	108.3	105.8	98.1	97.9	101.3	96.3	94.5	96.4	101.0
April	104.1	113.9	109.6	105.4	96.0	99.8	100.0	98.6	96.6	97.7	101.1
May	100.7	112.4	108.2	105.9	93.8	99.6	98.3	97.4	96.4	99.5	103.8
June	96.4	107.2	104.4	104.3	90.7	97.1	98.4	97.6	92.0	94.2	104.3
July	96.2	107.3	101.2	99.3	90.3	92.9	97.4	93.3	89.7	93.0	100.5
August	97.5	105.5	98.9	98.9	88.6	91.8	97.2	92.9	90.6	93.0	100.1
September	98.8	107.1	103.3	101.9	96.2	95.6	99.1	96.5	95.6	94.9	98.7
October	102.7	109.9	106.2	105.6	98.7	97.9	101.8	101.2	100.1	99.1	101.1
November	107.0	114.4	111.9	108.4	104.4	104.4	103.5	105.3	104.0	102.0	105.7
December	110.5	117.2	112.7	109.9	104.7	105.9	107.1	105.3	103.4	103.2	105.2
Average	104.6	114.3	108.8	106.3	98.0	99.7	102.1	99.1	97.5	98.3	101.9
1986											
January	102.3	116.5	112.2	106.9	99.8	100.7	102.6	99.9	97.6	96.5	100.5
February	93.9	105.5	99.9	98.2	87.8	91.9	91.9	85.0	82.9	83.9	86.2
March	87.0	97.6	93.9	90.8	79.6	80.8	80.6	75.6	74.7	75.9	80.2
April	77.1	93.2	88.5	84.5	70.6	78.1	74.5	74.0	69.9	73.8	76.4
May	74.3	87.9	84.9	75.1	67.4	75.2	72.4	67.2	72.9	71.8	79.5
June	73.7	81.7	79.7	74.3	63.4	69.0	65.5	66.6	67.4	69.0	74.6
July	65.5	74.7	71.4	69.5	53.9	62.3	67.2	60.1	NA	63.6	69.5
August	66.6	70.7	70.7	71.5	59.7	62.5	69.7	65.6	64.7	63.7	67.6
September	67.0	72.1	70.2	70.9	61.3	64.2	70.7	66.7	65.5	67.9	70.0
October	66.6	74.2	72.4	69.5	63.0	61.5	69.8	65.2	60.0	63.3	67.7
November	67.9	77.0	73.5	68.9	67.3	61.0	70.3	65.1	NA	66.0	68.0
December	71.2	80.8	77.1	70.6	71.7	64.8	72.5	68.5	NA	69.0	68.3
Average	85.0	93.1	91.4	86.6	74.6	77.7	81.0	74.8	NA	75.6	79.2
1987											
January	78.1	87.3	82.0	75.8	75.6	71.1	76.6	73.0	76.9	72.6	71.8
February	79.4	92.6	84.8	79.6	77.6	73.3	76.7	72.3	78.1	73.9	71.7
March	79.4	91.9	85.4	80.1	75.2	71.9	76.1	71.2	78.3	74.0	71.6
April	77.9	91.6	84.4	81.3	73.2	71.1	74.7	73.1	78.3	74.1	71.8
May	78.4	91.0	83.7	79.6	74.8	70.9	75.1	75.8	80.1	71.6	72.4
June	74.8	92.3	85.8	77.8	74.2	75.0	76.1	75.9	80.5	74.3	72.7
July	74.7	90.2	87.2	78.5	74.2	76.5	77.1	76.7	79.9	73.5	75.5
August	74.8	92.4	87.1	77.9	75.6	73.4	77.4	77.1	83.7	74.5	75.9
September	76.2	91.4	87.3	78.8	74.2	74.6	77.4	77.1	79.4	74.3	74.4
October	78.8	92.1	88.4	81.0	74.9	76.9	78.1	79.4	87.3	77.5	78.9
November	82.4	93.5	90.4	82.9	78.3	79.1	80.9	80.8	88.2	79.3	79.7
December	82.5	95.3	90.6	82.5	80.5	78.7	80.2	79.6	85.2	78.4	77.0
Average	79.3	91.8	86.6	79.5	76.4	74.7	77.5	75.4	79.8	75.1	74.6

See footnotes at end of table.

Table 9.8b No. 2 Distillate Prices to Residences, 1978-1992: Selected South Atlantic and Midwestern States (Continued)

(Cents per Gallon, Excluding Taxes)

	Delaware	District of Columbia	Maryland	Virginia	West Virginia	Ohio	Michigan	Indiana	Illinois	Wisconsin	Minnesota
1988											
January	83.9	95.8	90.9	82.7	78.7	77.2	81.2	78.3	85.4	76.9	75.5
February	83.2	96.0	90.3	83.4	76.1	77.1	80.9	76.7	86.1	76.0	74.4
March	81.5	93.1	88.2	83.8	75.6	76.1	78.2	77.4	86.1	75.8	72.6
April	82.5	91.8	89.1	83.0	74.6	77.1	78.8	79.0	87.4	77.7	73.1
May	82.5	93.9	87.9	81.7	73.6	74.5	77.5	76.6	86.7	76.8	74.3
June	80.9	89.7	86.8	79.1	71.8	71.9	73.7	80.1	82.9	74.6	73.5
July	73.4	87.6	85.0	77.3	70.3	70.0	73.3	74.0	83.8	72.7	75.7
August	73.9	85.9	84.2	77.0	67.9	69.2	73.9	74.1	80.3	71.2	72.2
September	72.6	85.8	76.0	75.8	69.3	72.0	74.2	69.5	68.6	68.8	72.4
October	71.8	84.1	78.3	74.8	71.3	71.2	75.4	71.2	69.4	68.0	71.1
November	74.8	85.6	81.3	77.1	74.1	73.0	75.6	72.1	70.6	69.9	72.7
December	79.6	89.8	85.0	79.6	73.9	75.2	77.0	75.3	73.1	71.6	73.0
Average	80.1	91.6	87.0	80.5	74.2	74.7	77.5	75.4	77.6	73.9	73.5
1989											
January	82.4	94.0	88.1	82.6	75.8	77.5	78.8	77.8	76.6	73.9	75.3
February	81.8	95.1	88.8	82.3	76.2	76.7	79.3	77.0	75.8	74.0	75.7
March	82.9	96.0	89.4	82.5	76.7	77.5	80.1	77.6	76.6	75.6	77.1
April	84.8	95.4	90.3	82.1	77.0	79.4	81.5	79.7	79.8	76.3	82.3
May	83.4	92.1	89.6	81.5	77.4	78.5	81.2	78.1	78.5	78.0	82.1
June	80.3	92.0	88.4	79.6	80.9	79.3	80.1	76.5	77.0	78.0	81.0
July	79.0	90.7	86.5	78.4	78.1	79.4	80.3	77.0	74.5	75.7	80.8
August	78.8	90.1	85.7	77.9	73.6	78.1	79.1	76.5	78.4	75.4	79.4
September	78.8	91.4	83.1	79.7	79.3	77.5	82.9	80.1	77.5	76.5	80.7
October	82.4	92.0	88.2	84.0	81.7	78.4	86.4	83.3	81.9	79.5	82.5
November	86.1	94.7	91.1	86.0	83.1	78.8	88.2	84.0	82.8	82.2	86.1
December	111.6	110.8	110.6	105.2	100.0	97.2	102.2	98.6	93.9	97.5	95.6
Average	88.2	98.6	93.8	87.0	83.0	81.6	85.3	83.2	80.9	81.1	82.4
1990											
January	119.4	119.0	119.8	117.8	109.2	96.0	103.5	99.8	94.9	91.6	99.7
February	97.1	96.4	100.9	102.9	89.5	82.8	92.1	86.2	83.1	83.9	88.1
March	93.2	94.4	98.8	97.9	87.1	82.5	88.7	83.8	83.4	83.1	85.6
April	91.8	93.1	97.5	94.9	83.7	82.3	86.5	84.1	82.2	82.9	85.6
May	90.1	94.2	94.9	90.4	83.0	83.1	83.7	82.4	78.3	81.0	85.1
June	83.2	93.2	89.4	88.0	83.4	82.6	81.1	72.8	73.8	79.5	80.3
July	77.9	97.6	86.2	89.8	79.2	81.6	82.4	74.7	76.7	77.6	82.8
August	93.1	107.1	100.2	102.4	98.1	93.3	100.3	98.0	96.9	92.0	101.4
September	112.0	116.1	115.7	114.7	116.3	115.3	113.2	110.7	NA	107.1	111.6
October	119.8	134.3	130.8	128.3	124.4	120.9	124.1	123.3	116.9	117.2	120.7
November	118.8	133.3	130.4	125.6	121.7	117.0	121.2	117.8	113.1	114.4	119.8
December	113.7	128.4	125.3	122.8	113.1	111.8	113.5	111.3	104.9	108.3	111.2
Average	105.8	107.8	111.9	110.6	99.1	98.1	100.9	99.3	96.1	94.2	101.4
1991											
January	113.0	124.1	122.0	117.2	110.5	105.5	109.8	105.9	102.5	102.4	105.4
February	105.4	118.6	116.1	110.3	101.5	94.6	98.5	95.4	92.9	92.4	93.5
March	98.4	112.3	107.7	102.4	90.8	85.7	91.5	87.9	86.5	87.8	87.2
April	92.3	105.6	102.7	96.1	87.6	83.2	90.7	86.0	88.3	84.0	87.8
May	91.5	101.1	98.7	90.7	85.8	83.1	88.1	86.3	88.5	82.9	88.1
June	84.0	95.3	96.2	87.8	83.6	80.7	87.4	80.3	86.8	80.9	87.1
July	81.5	98.6	93.7	86.9	81.7	79.6	83.3	78.8	82.2	78.0	84.4
August	86.0	98.6	94.0	87.5	82.4	81.1	84.4	85.5	86.5	78.8	86.3
September	87.3	101.7	96.8	90.4	84.8	84.8	86.8	85.5	87.3	82.7	84.0
October	92.8	104.0	100.1	93.6	89.7	88.7	89.5	86.7	88.4	85.7	86.8
November	96.9	107.3	103.2	97.0	91.8	91.8	92.8	87.8	92.4	89.9	89.2
December	94.9	107.7	102.6	95.2	89.0	86.0	89.9	83.3	89.9	85.4	84.4
Average	99.7	112.2	108.4	101.1	93.4	91.0	94.2	91.8	92.7	89.5	91.1
1992											
January	94.4	107.3	101.6	94.3	85.5	82.0	86.6	77.8	85.2	80.1	79.4
February	92.7	107.3	100.9	93.7	86.9	83.0	86.5	78.7	85.6	79.8	79.6
March	92.4	105.3	100.3	93.7	86.6	82.5	86.6	79.5	88.1	79.2	79.7
April	91.5	104.7	99.0	92.6	85.6	82.9	86.7	80.2	88.4	80.4	81.8
May	90.2	102.3	97.2	91.7	84.2	83.5	86.4	81.2	89.0	81.5	83.9
June	91.4	102.7	97.6	89.6	86.5	85.3	86.1	79.6	90.8	81.9	82.9
July	90.6	102.0	95.7	90.2	82.3	81.7	85.0	82.4	87.9	81.1	84.5
August	89.5	101.9	95.2	88.4	81.4	82.3	85.7	83.1	86.4	80.6	84.1
September	90.3	101.2	95.7	89.4	85.4	84.7	88.2	84.8	88.9	83.6	85.0
October	93.7	104.0	98.8	91.9	88.3	86.4	90.0	85.8	90.8	84.1	87.1
November	92.8	105.7	100.4	92.1	88.0	84.6	88.2	82.7	90.4	83.7	86.0
December	90.9	105.4	100.4	93.3	89.0	84.5	87.9	81.8	88.2	84.3	83.1
Average	92.4	105.7	99.9	92.8	86.4	83.6	87.1	81.1	87.6	81.8	82.3

NA=Not available.

Notes: • States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. • Prices prior to 1983 are Energy Information

Administration (EIA) estimates. See Note 6 at end of section. Sources: See end of section.

Table 9.8c No. 2 Distillate Prices to Residences, 1978-1992: Selected Western States and U.S. Average

(Cents per Gallon, Excluding Taxes)

	Idaho	Washington	Oregon	Alaska	U.S. Average
1978					
January	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA
Average	43.6	48.6	45.8	53.2	49.0
1979					
January	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA
Average	62.1	69.7	68.0	68.2	70.4
1980					
January	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA
Average	91.6	100.8	97.3	97.8	97.4
1981					
January	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA
Average	110.4	116.5	111.4	118.0	119.4
1982					
January	113.1	120.1	113.5	121.7	120.6
February	113.1	119.4	113.5	121.8	119.2
March	111.2	118.1	111.3	119.9	113.9
April	109.3	115.9	110.3	117.2	111.7
May	109.7	115.6	110.9	118.6	113.0
June	109.8	115.8	110.4	116.4	114.8
July	107.9	115.3	110.4	115.1	114.4
August	110.0	116.2	110.5	116.2	114.4
September	109.7	117.1	110.3	115.2	113.7
October	109.7	118.4	111.5	115.7	118.2
November	110.9	120.8	112.8	116.3	120.1
December	110.7	119.3	113.6	115.0	118.2
Average	110.4	117.6	111.6	117.4	116.0

See footnotes at end of table.

Table 9.8c No. 2 Distillate Prices to Residences, 1978-1992: Selected Western States and U.S. Average (Continued)

(Cents per Gallon, Excluding Taxes)

	Idaho	Washington	Oregon	Alaska	U.S. Average
1983					
January	109.1	117.7	113.6	114.6	115.0
February	104.8	114.3	107.8	NA	111.6
March	99.6	109.0	101.4	110.7	105.1
April	99.0	106.0	99.1	106.6	103.5
May	99.2	105.5	99.0	106.0	104.8
June	98.7	105.4	99.4	105.0	106.0
July	99.3	105.2	97.8	105.8	105.0
August	98.1	104.0	98.7	105.1	104.9
September	98.9	105.6	100.5	106.2	105.7
October	99.5	106.3	101.4	106.1	106.0
November	99.5	106.4	102.1	105.5	106.0
December	100.3	106.1	101.8	105.5	106.7
Average	101.8	109.0	103.6	108.8	107.8
1984					
January	100.1	103.6	100.5	104.1	112.0
February	101.3	103.8	100.9	106.5	116.9
March	97.2	104.6	100.9	107.3	111.3
April	96.2	105.0	100.6	107.3	109.8
May	98.1	104.2	99.5	107.2	108.4
June	93.8	103.3	98.2	107.8	107.2
July	93.1	100.4	97.1	107.2	104.8
August	97.4	99.7	94.9	107.3	103.3
September	98.4	100.4	95.9	105.0	103.6
October	99.4	100.9	96.5	107.8	104.9
November	97.9	101.3	97.6	107.8	105.3
December	98.8	100.5	97.4	107.5	104.8
Average	98.5	102.6	99.3	106.9	109.1
1985					
January	97.4	100.6	97.0	108.6	104.9
February	96.9	99.8	96.6	107.6	105.4
March	96.6	100.3	95.7	112.8	105.0
April	95.7	99.2	96.5	107.0	105.3
May	96.0	98.1	96.7	106.9	103.6
June	95.9	99.2	95.5	107.3	100.7
July	94.8	97.3	95.3	108.4	98.0
August	94.5	96.7	93.0	106.9	97.3
September	94.3	97.6	93.4	109.2	99.6
October	97.2	100.0	94.0	109.1	103.0
November	97.9	104.4	98.8	106.1	108.6
December	98.8	106.1	102.3	106.5	110.5
Average	97.2	101.1	97.1	108.3	105.3
1986					
January	97.1	104.6	100.1	106.5	106.4
February	91.2	90.4	83.5	103.7	95.8
March	76.2	75.3	65.9	113.8	88.7
April	69.9	74.9	62.5	95.6	81.2
May	74.8	71.2	64.1	94.3	77.4
June	66.9	65.3	60.0	89.0	72.8
July	62.2	60.2	55.7	NA	67.0
August	58.6	60.6	55.6	84.2	66.3
September	59.4	66.9	61.9	89.2	68.1
October	60.8	68.2	62.3	79.2	67.4
November	62.1	68.8	62.6	80.1	68.2
December	61.6	66.7	63.9	85.4	70.6
Average	73.8	77.5	70.4	94.9	83.6
1987					
January	63.1	73.0	68.1	86.4	78.5
February	65.1	75.9	71.4	86.9	79.9
March	65.7	76.1	70.9	83.3	79.1
April	65.4	75.9	70.3	76.5	78.7
May	65.2	74.0	69.5	78.2	78.6
June	70.0	74.2	67.6	84.6	77.8
July	70.5	77.4	NA	87.5	78.7
August	74.9	79.3	NA	88.7	78.8
September	77.3	81.2	77.1	89.5	78.9
October	76.3	82.8	75.1	92.6	81.2
November	77.3	84.3	74.7	92.3	83.5
December	76.8	84.8	75.8	90.6	84.0
Average	68.8	79.5	72.5	86.5	80.3

See footnotes at end of table.

Table 9.8c No. 2 Distillate Prices to Residences, 1978-1992: Selected Western States and U.S. Average (Continued)

(Cents per Gallon, Excluding Taxes)

	Idaho	Washington	Oregon	Alaska	U.S. Average
1988					
January	74.4	83.2	76.0	88.3	84.7
February	71.7	82.1	74.9	85.6	83.9
March	70.6	81.3	73.5	88.7	83.1
April	73.3	82.1	75.0	86.6	83.1
May	71.9	82.3	74.6	88.9	81.9
June	70.5	78.0	73.9	88.1	79.1
July	67.7	73.5	66.4	85.5	76.7
August	64.3	70.1	64.3	85.7	73.7
September	67.4	73.9	64.8	89.7	75.9
October	66.8	71.0	62.4	86.2	75.5
November	66.6	73.4	63.4	85.3	77.2
December	66.9	75.7	64.2	85.6	81.4
Average	68.8	78.5	70.9	86.9	81.3
1989					
January	68.1	76.9	66.3	86.7	84.9
February	71.5	86.0	76.7	90.9	85.5
March	78.3	92.8	84.2	96.0	87.1
April	85.8	94.2	87.3	99.5	87.8
May	83.5	87.3	79.6	100.1	86.6
June	80.3	77.6	74.9	101.5	84.1
July	77.3	74.7	71.1	105.8	82.1
August	77.2	78.2	71.2	101.6	81.5
September	80.3	83.9	81.5	96.0	81.5
October	82.2	91.7	86.4	97.8	85.6
November	84.9	93.4	86.4	97.9	88.3
December	84.5	93.1	86.1	98.1	107.6
Average	77.8	87.4	80.2	96.4	90.0
1990					
January	85.8	96.0	88.7	96.5	114.0
February	80.9	89.0	83.9	97.4	96.5
March	80.9	88.6	84.3	102.6	94.9
April	81.7	90.0	85.0	96.5	93.2
May	79.5	84.9	84.6	99.3	90.7
June	74.8	85.0	81.9	100.5	86.4
July	70.5	76.2	79.3	93.5	83.7
August	90.7	89.5	95.3	113.7	98.8
September	108.3	115.8	111.9	122.3	114.2
October	121.0	133.3	128.1	129.7	125.8
November	127.3	134.2	127.1	128.6	124.1
December	119.9	121.9	109.2	128.2	119.7
Average	97.4	102.9	97.0	110.1	106.3
1991					
January	110.8	118.4	108.4	129.3	117.1
February	97.3	112.0	102.9	122.8	110.5
March	84.0	95.3	88.8	109.5	102.6
April	83.4	93.5	86.4	101.9	96.9
May	84.4	94.9	86.5	101.3	92.5
June	83.4	91.7	85.6	98.2	89.3
July	80.0	85.5	83.6	98.6	86.6
August	84.6	92.6	87.3	96.8	87.0
September	87.4	93.5	90.8	92.4	89.7
October	87.6	95.2	89.1	91.3	94.0
November	93.3	99.5	90.6	96.0	98.0
December	94.7	96.2	87.0	95.2	95.9
Average	95.1	101.6	93.3	105.0	101.9
1992					
January	86.1	92.0	85.3	92.7	94.2
February	79.2	90.9	83.5	91.1	94.2
March	82.2	91.8	82.6	93.0	93.2
April	84.2	92.0	85.5	92.1	92.5
May	86.1	94.3	88.9	93.6	92.3
June	84.6	90.6	89.2	93.9	92.0
July	86.1	88.0	87.3	93.0	90.4
August	79.4	84.0	84.0	96.8	88.6
September	86.0	90.3	87.6	93.4	90.1
October	89.6	94.5	91.7	96.8	93.7
November	91.7	98.7	92.8	97.7	94.8
December	86.8	99.7	91.5	95.8	94.5
Average	85.7	94.3	87.8	94.0	93.4

NA=Not available.

Notes: • States are grouped in Tables 9.8a, 9.8b, and 9.8c by geographic region of the country. • Prices prior to 1983 are Energy Information

Administration (EIA) estimates. See Note 6 at end of section.

Sources: See end of section.

Table 9.9 Electricity Retail Prices, 1973-1992

(Cents per Kilowatthour)

	Residential		Commercial		Industrial		Other ^a		Total ^b	
	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series
1973										
January	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-
Average	2.5	NA	2.4	NA	1.3	NA	2.1	NA	2.0	NA
1974										
January	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-
Average	3.1	NA	3.0	NA	1.7	NA	2.8	NA	2.5	NA
1975										
January	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-
September	-	-	-	-	-	-	-	-	-	-
October	-	-	-	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-
Average	3.5	NA	3.5	NA	2.1	NA	3.1	NA	2.9	NA
1976										
January	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-
July	3.9	-	3.7	-	2.3	-	3.3	-	3.0	-
August	3.7	-	3.6	-	2.2	-	3.2	-	3.0	-
September	3.8	-	3.7	-	2.2	-	3.3	-	3.1	-
October	3.9	-	3.8	-	2.2	-	3.4	-	3.2	-
November	3.8	-	3.8	-	2.2	-	3.3	-	3.1	-
December	3.6	-	3.7	-	2.3	-	3.3	-	3.1	-
Average	3.7	NA	3.7	NA	2.2	NA	3.3	NA	3.1	NA
1977										
January	3.6	-	3.8	-	2.4	-	3.4	-	3.2	-
February	3.7	-	3.9	-	2.4	-	3.5	-	3.3	-
March	4.0	-	4.0	-	2.4	-	3.4	-	3.3	-
April	4.1	-	4.0	-	2.4	-	3.5	-	3.3	-
May	4.2	-	4.1	-	2.5	-	3.6	-	3.4	-
June	4.2	-	4.1	-	2.5	-	3.6	-	3.4	-
July	4.2	-	4.1	-	2.6	-	3.6	-	3.6	-
August	4.4	-	4.4	-	2.6	-	3.7	-	3.7	-
September	4.3	-	4.2	-	2.6	-	3.6	-	3.6	-
October	4.3	-	4.3	-	2.6	-	3.5	-	3.5	-
November	4.2	-	4.2	-	2.6	-	3.6	-	3.5	-
December	4.0	-	4.1	-	2.5	-	3.3	-	3.4	-
Average	4.1	NA	4.1	NA	2.5	NA	3.5	NA	3.4	NA

See footnotes at end of table.

Table 9.9 Electricity Retail Prices, 1973-1992 (Continued)

(Cents per Kilowatthour)

	Residential		Commercial		Industrial		Other ^a		Total ^b	
	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series
1978										
January	3.9	-	4.1	-	2.6	-	3.5	-	3.5	-
February	3.9	-	4.2	-	2.7	-	3.5	-	3.5	-
March	4.1	-	4.3	-	2.9	-	3.7	-	3.7	-
April	4.3	-	4.4	-	2.8	-	3.8	-	3.7	-
May	4.5	-	4.4	-	2.8	-	3.9	-	3.7	-
June	4.5	-	4.5	-	2.8	-	3.8	-	3.8	-
July	4.5	-	4.4	-	2.8	-	3.7	-	3.8	-
August	4.5	-	4.4	-	2.8	-	3.7	-	3.8	-
September	4.5	-	4.4	-	2.8	-	3.7	-	3.8	-
October	4.5	-	4.5	-	2.8	-	3.5	-	3.7	-
November	4.4	-	4.4	-	2.8	-	3.6	-	3.7	-
December	4.2	-	4.3	-	2.8	-	3.5	-	3.6	-
Average	4.3	NA	4.4	NA	2.8	NA	3.6	NA	3.7	NA
1979										
January	4.1	-	4.3	-	2.8	-	3.6	-	3.6	-
February	4.1	-	4.3	-	2.9	-	3.7	-	3.7	-
March	4.3	-	4.4	-	2.9	-	3.9	-	3.8	-
April	4.5	-	4.5	-	2.9	-	3.9	-	3.8	-
May	4.7	-	4.7	-	3.0	-	4.0	-	3.9	-
June	4.9	-	4.7	-	3.0	-	4.1	-	4.0	-
July	4.9	-	4.8	-	3.1	-	4.2	-	4.2	-
August	4.9	-	4.8	-	3.1	-	3.9	-	4.2	-
September	5.0	-	4.8	-	3.2	-	4.1	-	4.2	-
October	5.0	-	4.9	-	3.2	-	4.1	-	4.2	-
November	4.8	-	4.9	-	3.2	-	4.1	-	4.1	-
December	4.7	-	4.9	-	3.3	-	4.2	-	4.2	-
Average	4.6	NA	4.7	NA	3.1	NA	4.0	NA	4.0	NA
1980										
January	4.7	-	4.9	-	3.3	-	4.2	-	4.2	-
February	4.7	-	5.0	-	3.3	-	4.6	-	4.3	-
March	4.9	-	5.2	-	3.5	-	4.7	-	4.4	-
April	5.1	-	5.3	-	3.5	-	4.7	-	4.5	-
May	5.4	-	5.4	-	3.6	-	5.0	-	4.6	-
June	5.6	-	5.6	-	3.8	-	4.6	-	4.9	-
July	5.7	-	5.7	-	3.9	-	4.9	-	5.0	-
August	5.7	-	5.6	-	3.9	-	4.8	-	5.1	-
September	5.7	-	5.7	-	3.9	-	5.0	-	5.0	-
October	5.7	-	5.8	-	3.8	-	4.9	-	5.0	-
November	5.6	-	5.7	-	3.9	-	5.1	-	4.9	-
December	5.5	-	5.7	-	3.9	-	4.8	-	4.9	-
Average	5.4	NA	5.5	NA	3.7	NA	4.8	NA	4.7	NA
1981										
January	5.4	-	5.7	-	3.9	-	4.9	-	5.0	-
February	5.5	-	5.8	-	4.0	-	5.0	-	5.0	-
March	5.8	-	6.0	-	4.0	-	5.3	-	5.1	-
April	6.0	-	6.1	-	4.1	-	5.2	-	5.2	-
May	6.3	-	6.3	-	4.2	-	5.5	-	5.4	-
June	6.5	-	6.5	-	4.4	-	5.4	-	5.6	-
July	6.6	-	6.5	-	4.5	-	5.6	-	5.8	-
August	6.6	-	6.5	-	4.5	-	5.5	-	5.8	-
September	6.6	-	6.5	-	4.5	-	5.7	-	5.7	-
October	6.6	-	6.5	-	4.4	-	5.3	-	5.6	-
November	6.4	-	6.5	-	4.5	-	5.4	-	5.6	-
December	6.3	-	6.5	-	4.6	-	4.6	-	5.7	-
Average	6.2	NA	6.3	NA	4.3	NA	5.3	NA	5.5	NA
1982										
January	6.2	-	6.5	-	4.7	-	5.4	-	5.7	-
February	6.4	-	6.7	-	4.7	-	5.8	-	5.8	-
March	6.6	-	6.8	-	4.8	-	6.4	-	6.0	-
April	6.7	-	6.8	-	4.8	-	5.8	-	6.0	-
May	6.9	-	6.9	-	5.0	-	5.9	-	6.1	-
June	7.1	-	6.9	-	4.9	-	6.0	-	6.2	-
July	7.2	-	7.0	-	5.1	-	6.1	-	6.4	-
August	7.2	-	6.9	-	5.2	-	6.1	-	6.4	-
September	7.2	-	7.0	-	5.3	-	6.1	-	6.4	-
October	7.2	-	7.1	-	5.1	-	5.8	-	6.3	-
November	6.9	-	7.0	-	4.9	-	5.7	-	6.1	-
December	6.7	-	6.8	-	5.0	-	5.9	-	6.1	-
Average	6.9	NA	6.9	NA	5.0	NA	5.9	NA	6.1	NA

See footnotes at end of table.

Table 9.9 Electricity Retail Prices, 1973-1992 (Continued)

(Cents per Kilowatthour)

	Residential		Commercial		Industrial		Other ^a		Total ^b	
	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series
1983										
January	6.7	-	6.8	-	5.0	-	5.9	-	6.1	-
February	6.7	-	6.9	-	5.0	-	6.0	-	6.1	-
March	6.9	-	6.9	-	5.0	-	6.1	-	6.2	-
April	6.9	-	6.9	-	4.9	-	6.2	-	6.1	-
May	7.2	-	7.0	-	4.9	-	6.6	-	6.2	-
June	7.4	-	7.1	-	5.0	-	6.6	-	6.4	-
July	7.5	-	7.1	-	5.1	-	6.6	-	6.5	-
August	7.5	-	7.1	-	5.0	-	6.4	-	6.5	-
September	7.6	-	7.2	-	5.0	-	6.6	-	6.5	-
October	7.5	-	7.2	-	5.0	-	6.7	-	6.4	-
November	7.3	-	7.1	-	4.8	-	6.6	-	6.2	-
December	7.0	-	6.9	-	4.8	-	6.4	-	6.1	-
Average	7.2	NA	7.0	NA	5.0	NA	6.4	NA	6.3	NA
1984										
January	6.8	-	6.8	-	4.9	-	6.3	-	6.1	-
February	7.0	-	7.0	-	4.9	-	6.5	-	6.2	-
March	7.2	-	7.1	-	4.9	-	6.7	-	6.3	-
April	7.3	-	7.2	-	4.9	-	6.7	-	6.3	-
May	7.6	-	7.3	-	4.9	-	6.9	-	6.4	-
June	7.9	-	7.5	-	5.1	-	6.8	-	6.7	-
July	8.0	-	7.5	-	5.2	-	7.0	-	6.8	-
August	8.1	-	7.5	-	5.2	-	6.8	-	6.8	-
September	8.1	-	7.6	-	5.3	-	7.1	-	6.9	-
October	8.0	-	7.6	-	5.1	-	6.9	-	6.7	-
November	7.6	-	7.4	-	5.1	-	7.0	-	6.5	-
December	7.3	-	7.3	-	5.1	-	6.7	-	6.5	-
Average	7.5	7.2	7.3	7.1	5.0	4.8	6.8	5.9	6.5	6.3
1985										
January	7.3	-	7.3	-	5.1	-	6.8	-	6.5	-
February	7.2	-	7.2	-	5.1	-	6.8	-	6.5	-
March	7.5	-	7.4	-	5.1	-	7.0	-	6.6	-
April	7.7	-	7.4	-	5.1	-	7.0	-	6.6	-
May	8.0	-	7.6	-	5.1	-	7.1	-	6.7	-
June	8.2	-	7.6	-	5.2	-	7.1	-	6.9	-
July	8.2	-	7.6	-	5.4	-	7.1	-	7.0	-
August	8.2	-	7.6	-	5.2	-	7.0	-	6.9	-
September	8.2	-	7.6	-	5.2	-	7.1	-	7.0	-
October	8.1	-	7.7	-	5.2	-	7.0	-	6.8	-
November	7.7	-	7.5	-	5.1	-	6.9	-	6.6	-
December	7.4	-	7.3	-	5.1	-	6.7	-	6.6	-
Average	7.8	7.4	7.5	7.3	5.2	5.0	7.0	6.1	6.7	6.4
1986										
January	6.9	-	7.0	-	5.0	-	6.7	-	6.3	-
February	7.1	-	7.2	-	5.0	-	6.7	-	6.4	-
March	7.2	-	7.2	-	4.9	-	6.8	-	6.4	-
April	7.4	-	7.2	-	4.8	-	6.9	-	6.4	-
May	7.5	-	7.2	-	4.8	-	6.6	-	6.3	-
June	7.7	-	7.3	-	4.9	-	6.7	-	6.5	-
July	7.8	-	7.1	-	5.1	-	6.7	-	6.7	-
August	7.7	-	7.2	-	5.1	-	6.6	-	6.7	-
September	7.7	-	7.3	-	5.0	-	6.9	-	6.6	-
October	7.5	-	7.1	-	4.8	-	6.4	-	6.4	-
November	7.4	-	7.0	-	4.8	-	6.5	-	6.3	-
December	7.0	-	6.9	-	4.7	-	6.2	-	6.2	-
Average	7.4	7.4	7.1	7.2	4.9	4.9	6.6	6.1	6.4	6.4
1987										
January	6.9	-	6.9	-	4.7	-	6.5	-	6.2	-
February	7.0	-	6.9	-	4.6	-	6.5	-	6.1	-
March	7.1	-	7.0	-	4.7	-	6.5	-	6.2	-
April	7.3	-	6.9	-	4.6	-	6.9	-	6.2	-
May	7.5	-	6.9	-	4.7	-	6.6	-	6.2	-
June	7.8	-	7.1	-	4.8	-	6.8	-	6.5	-
July	7.8	-	7.1	-	4.9	-	6.7	-	6.6	-
August	7.8	-	7.1	-	4.9	-	6.7	-	6.6	-
September	7.7	-	7.1	-	4.8	-	6.9	-	6.5	-
October	7.6	-	7.2	-	4.7	-	6.8	-	6.4	-
November	7.4	-	7.1	-	4.6	-	6.5	-	6.2	-
December	7.1	-	6.9	-	4.6	-	6.4	-	6.1	-
Average	7.4	7.4	7.0	7.1	4.7	4.8	6.6	6.2	6.3	6.4

See footnotes at end of table.

Table 9.9 Electricity Retail Prices, 1973-1992 (Continued)

(Cents per Kilowatthour)

	Residential		Commercial		Industrial		Other ^a		Total ^b	
	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series	Monthly Series ^c	Annual Series
1988										
January	6.9	-	6.8	-	4.5	-	6.4	-	6.1	-
February	7.0	-	6.9	-	4.5	-	6.5	-	6.1	-
March	7.1	-	6.9	-	4.5	-	6.4	-	6.1	-
April	7.3	-	6.9	-	4.5	-	6.1	-	6.1	-
May	7.6	-	7.0	-	4.5	-	5.9	-	6.1	-
June	7.8	-	7.2	-	4.7	-	5.9	-	6.4	-
July	7.9	-	7.2	-	4.9	-	5.5	-	6.6	-
August	7.9	-	7.3	-	4.9	-	5.4	-	6.7	-
September	7.8	-	7.3	-	4.8	-	5.9	-	6.6	-
October	7.7	-	7.3	-	4.7	-	6.2	-	6.4	-
November	7.5	-	7.0	-	4.5	-	6.3	-	6.2	-
December	7.3	-	6.9	-	4.5	-	6.6	-	6.2	-
Average	7.5	7.5	7.1	7.0	4.6	4.7	6.0	6.2	6.3	6.4
1989										
January	7.2	-	6.9	-	4.5	-	6.5	-	6.2	-
February	7.2	-	7.0	-	4.6	-	6.7	-	6.2	-
March	7.2	-	7.0	-	4.6	-	6.6	-	6.2	-
April	7.5	-	7.1	-	4.6	-	6.5	-	6.3	-
May	7.7	-	7.2	-	4.6	-	6.3	-	6.3	-
June	8.0	-	7.4	-	4.8	-	5.7	-	6.6	-
July	8.1	-	7.5	-	5.0	-	5.6	-	6.8	-
August	8.1	-	7.5	-	5.0	-	5.6	-	6.8	-
September	8.0	-	7.5	-	4.9	-	6.1	-	6.7	-
October	7.9	-	7.5	-	4.7	-	6.5	-	6.5	-
November	7.5	-	7.1	-	4.5	-	6.5	-	6.2	-
December	7.3	-	7.0	-	4.6	-	6.6	-	6.3	-
Average	7.6	7.6	7.2	7.2	4.7	4.7	6.2	6.2	6.4	6.5
1990										
January	7.2	-	6.9	-	4.6	-	5.8	-	6.3	-
February	7.5	-	7.1	-	4.6	-	5.9	-	6.3	-
March	7.6	-	7.2	-	4.6	-	6.0	-	6.4	-
April	7.7	-	7.2	-	4.6	-	6.3	-	6.4	-
May	8.0	-	7.3	-	4.6	-	6.2	-	6.5	-
June	8.1	-	7.5	-	4.8	-	6.3	-	6.7	-
July	8.2	-	7.5	-	5.0	-	6.3	-	6.9	-
August	8.3	-	7.5	-	5.0	-	6.1	-	6.9	-
September	8.2	-	7.5	-	5.0	-	6.3	-	6.9	-
October	8.1	-	7.6	-	4.8	-	6.3	-	6.7	-
November	7.8	-	7.3	-	4.6	-	6.3	-	6.5	-
December	7.6	-	7.2	-	4.6	-	6.5	-	6.4	-
Average	7.8	7.8	7.3	7.3	4.7	4.7	6.2	6.4	6.6	6.6
1991										
January	7.4	-	7.1	-	4.6	-	6.4	-	6.4	-
February	7.6	-	7.3	-	4.7	-	6.5	-	6.5	-
March	7.8	-	7.3	-	4.7	-	6.4	-	6.6	-
April	8.0	-	7.3	-	4.7	-	6.4	-	6.5	-
May	8.2	-	7.5	-	4.7	-	6.3	-	6.6	-
June	8.3	-	7.6	-	5.0	-	6.4	-	6.9	-
July	8.4	-	7.7	-	5.1	-	6.5	-	7.1	-
August	8.4	-	7.7	-	5.1	-	6.4	-	7.1	-
September	8.4	-	7.7	-	5.1	-	6.5	-	7.0	-
October	8.3	-	7.8	-	4.9	-	6.6	-	6.9	-
November	8.0	-	7.4	-	4.7	-	6.5	-	6.6	-
December	7.8	-	7.3	-	4.7	-	6.4	-	6.6	-
Average	8.1	8.0	7.5	7.5	4.8	4.8	6.4	6.5	6.8	6.7
1992										
January	7.7	-	7.3	-	4.7	-	6.5	-	6.6	-
February	7.8	-	7.4	-	4.7	-	6.3	-	6.6	-
March	8.0	-	7.4	-	4.7	-	6.5	-	6.6	-
April	8.0	-	7.4	-	4.7	-	6.4	-	6.6	-
May	8.4	-	7.6	-	4.8	-	6.5	-	6.7	-
June	8.6	-	7.9	-	4.9	-	6.9	-	7.0	-
July	8.6	-	7.9	-	5.1	-	6.9	-	7.2	-
August	8.6	-	7.9	-	5.1	-	6.9	-	7.2	-
September	8.6	-	8.0	-	5.1	-	6.9	-	7.2	-
October	8.5	-	7.9	-	4.9	-	6.9	-	6.9	-
November	8.2	-	7.5	-	4.7	-	6.7	-	6.6	-
December	7.9	-	7.4	-	4.7	-	6.6	-	6.7	-
Average	8.2	8.2	7.6	7.7	4.8	4.8	6.7	6.7	6.8	6.8

^a "Other" is public street and highway lighting, other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

^b Average price for total sales to ultimate consumers.

^c Annual values are the sum of the monthly revenue divided by the sum of the monthly sales. Data through 1979 cover privately owned electric utilities in Classes A and B. Data for 1980-1985 cover selected privately owned electric utilities in Class A whose electric operating revenue was \$100 million or more during the previous year. See Note 7 at end of section.

NA=Not available. - =Not applicable.

Notes: • Prices are calculated by dividing revenue by sales. Revenue may not correspond to sales for a particular month because of electric utility billing and accounting procedures. That lack of correspondence could result in uncharacteristic increases or decreases in the monthly prices. See Note 7 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.10 Quantity and Cost of Fossil-Fuel Receipts at Steam-Electric Utility Plants, 1973-1992

	Coal		Petroleum				Gas ^a		All Fossil Fuels ^b
	Quantity (thousand short tons)	Cost (cents per million Btu)	Heavy Oil ^b		Total ^{b,c}		Quantity (million cubic feet)	Cost (cents per million Btu)	Cost (cents per million Btu)
			Quantity (thousand barrels)	Cost (cents per million Btu)	Quantity (thousand barrels)	Cost (cents per million Btu)			
1973									
January	29,767	37.8	45,116	65.8	47,218	66.9	209,637	29.9	43.6
February	28,649	38.5	40,610	66.5	42,364	67.7	207,204	31.1	43.9
March	31,115	38.9	43,179	67.8	44,326	68.4	243,389	31.9	44.1
April	30,063	39.4	35,362	68.7	36,501	69.4	250,102	33.3	43.9
May	34,125	39.5	38,148	70.2	39,559	71.0	295,689	33.7	44.0
June	31,114	40.0	40,362	69.2	42,316	70.8	340,451	33.8	44.5
July	29,017	39.8	45,696	71.7	47,980	72.8	385,183	33.7	45.3
August	34,870	39.8	48,608	74.9	51,260	76.9	382,413	33.9	46.1
September	31,267	40.8	47,561	79.4	50,205	81.8	326,367	34.9	48.8
October	33,573	41.9	43,128	86.1	45,473	88.5	302,647	35.5	50.2
November	31,194	44.0	43,954	102.3	46,091	104.0	236,521	35.7	56.3
December	30,088	45.5	40,926	118.5	42,568	120.4	203,073	36.3	61.2
Average	374,842	40.5	512,650	78.5	535,859	80.0	3,382,677	33.8	47.6
1974									
January	30,328	51.4	41,096	157.1	43,399	161.4	207,423	37.3	74.4
February	29,660	56.9	36,105	183.4	37,864	185.4	192,223	39.8	81.5
March	35,291	60.8	36,351	186.3	37,935	187.3	237,477	42.5	80.9
April	33,604	64.0	33,284	184.6	34,255	184.9	240,124	43.6	81.1
May	35,795	65.9	34,730	185.8	36,164	185.6	288,784	44.0	81.3
June	31,524	69.7	37,400	192.4	38,750	192.9	317,110	47.9	87.5
July	32,016	72.9	44,070	192.5	46,916	194.6	369,084	49.8	92.2
August	33,055	77.3	44,670	192.6	46,997	194.2	352,869	51.8	95.2
September	34,609	79.1	40,681	192.5	42,662	193.4	289,927	52.4	95.8
October	38,887	80.8	42,750	196.3	48,394	198.7	292,214	53.6	99.3
November	24,852	90.2	42,862	197.6	49,533	200.3	234,709	54.7	113.3
December	25,248	88.7	45,167	202.5	52,348	204.3	203,258	55.4	116.9
Average	384,868	70.9	479,166	189.0	515,217	191.0	3,225,203	48.2	91.4
1975									
January	34,580	80.7	44,330	197.1	50,710	199.3	197,397	58.6	106.4
February	30,559	81.6	38,808	201.4	44,377	202.6	181,091	65.3	108.2
March	33,339	80.5	39,153	203.7	43,219	204.4	202,681	66.5	105.5
April	34,294	80.4	32,518	207.7	36,097	207.8	203,696	68.9	102.2
May	37,056	81.8	34,459	204.4	38,709	204.8	262,429	72.6	102.1
June	38,489	81.4	36,005	199.5	41,477	201.3	296,680	71.2	101.0
July	32,532	80.8	40,651	198.5	45,307	200.4	346,886	74.0	103.9
August	37,491	82.1	42,817	200.2	48,131	202.7	347,378	78.8	105.6
September	36,787	82.1	37,928	199.9	41,926	202.3	308,214	83.5	104.9
October	40,248	81.5	35,692	196.5	38,214	198.9	268,475	85.2	102.1
November	38,241	81.7	34,266	200.6	37,183	203.4	219,400	83.5	103.7
December	37,911	82.2	40,954	198.5	45,000	201.7	200,479	86.2	108.2
Average	431,527	81.4	457,582	200.5	510,352	202.3	3,034,808	75.2	104.4
1976									
January	35,111	80.2	42,991	193.8	48,722	198.6	196,797	87.6	109.7
February	34,953	81.4	40,393	195.3	44,240	198.6	192,179	92.4	109.2
March	39,836	82.7	41,891	197.5	45,775	200.2	214,530	94.8	108.8
April	38,147	83.7	35,980	196.9	39,479	199.6	219,003	97.2	107.6
May	39,261	84.6	36,874	188.4	40,688	192.1	255,777	100.7	107.3
June	39,523	84.7	38,961	187.5	42,873	191.5	295,631	104.0	108.4
July	31,568	85.8	43,678	187.1	47,854	191.2	323,532	105.6	114.6
August	35,576	86.4	43,516	191.8	48,391	195.8	319,231	105.8	114.3
September	40,860	86.9	40,446	191.9	44,916	195.7	284,426	109.4	112.0
October	40,078	86.9	37,172	198.4	41,910	202.6	240,193	110.3	112.7
November	40,135	86.6	43,616	203.2	48,633	207.0	211,924	113.8	116.8
December	39,811	86.6	49,846	207.1	56,491	211.8	209,587	111.7	121.0
Average	454,858	84.8	495,363	195.2	549,973	199.0	2,962,811	103.4	111.9
1977									
January	31,281	85.9	50,722	217.0	60,062	223.3	199,170	111.4	130.7
February	34,942	88.0	50,277	223.4	56,536	228.5	195,798	123.4	130.9
March	44,459	90.0	47,854	227.9	53,528	232.3	225,084	121.0	125.4
April	41,582	90.1	41,265	226.3	45,321	229.8	213,700	125.8	123.6
May	44,193	91.8	45,445	222.7	50,920	227.4	252,971	125.3	125.2
June	44,433	93.3	47,147	217.9	52,692	222.6	303,555	129.8	126.7
July	38,076	96.2	54,232	217.1	64,423	224.8	335,582	130.6	136.4
August	45,305	94.3	55,230	217.0	62,479	222.7	343,152	133.8	131.4
September	45,862	98.0	45,710	218.0	50,873	222.7	319,962	136.8	129.7
October	46,733	100.5	39,679	220.0	43,315	223.8	274,626	138.2	128.4
November	48,264	101.7	38,653	216.5	42,077	220.7	228,094	133.4	126.5
December	25,285	106.8	47,470	214.5	53,330	220.7	214,709	129.1	146.1
Average	490,415	94.7	563,685	219.8	635,556	224.9	3,106,403	129.1	129.7

See footnotes at end of table.

Table 9.10 Quantity and Cost of Fossil-Fuel Receipts at Steam-Electric Utility Plants, 1973-1992 (Continued)

	Coal		Petroleum				Gas ^a		All Fossil Fuels ^b
	Quantity (thousand short tons)	Cost (cents per million Btu)	Heavy Oil ^b		Total ^{b,c}		Quantity (million cubic feet)	Cost (cents per million Btu)	Cost (cents per million Btu)
			Quantity (thousand barrels)	Cost (cents per million Btu)	Quantity (thousand barrels)	Cost (cents per million Btu)			
1978									
January	15,172	99.6	50,254	211.3	59,174	220.2	225,964	131.9	157.1
February	16,620	102.1	50,853	208.0	63,840	220.6	202,694	134.7	159.7
March	26,209	113.4	54,081	209.8	64,755	219.6	227,625	139.3	154.9
April	44,767	110.9	43,904	213.3	47,738	217.5	236,500	138.6	136.4
May	50,743	110.6	41,878	213.9	45,267	217.8	252,618	141.4	133.8
June	48,438	112.0	42,831	210.1	48,052	216.0	313,228	147.1	137.3
July	43,883	110.2	45,727	205.3	50,818	211.3	355,586	148.0	138.3
August	48,602	110.0	48,580	205.8	53,379	211.1	333,052	147.7	137.0
September	44,435	111.4	42,315	208.6	47,251	215.0	286,982	145.1	137.4
October	46,339	114.0	40,853	218.0	43,526	221.5	256,202	145.5	138.3
November	47,153	115.6	40,422	223.0	43,372	227.4	230,069	139.7	138.9
December	43,805	115.9	44,498	226.1	48,867	232.0	220,135	138.3	143.2
Average	476,169	111.6	546,197	212.5	616,040	219.1	3,140,654	142.2	141.1
1979									
January	39,377	115.8	49,368	228.3	52,479	232.0	217,154	150.2	148.3
February	36,651	114.6	43,723	240.6	47,357	245.6	210,327	159.1	151.8
March	46,878	116.8	43,538	258.6	45,555	261.1	257,232	163.0	150.8
April	45,759	120.1	34,951	264.4	37,806	271.7	244,055	163.7	151.6
May	49,307	121.1	39,435	273.7	42,431	280.7	268,189	177.0	156.9
June	47,135	121.9	36,338	288.6	39,777	303.0	313,281	178.7	161.6
July	42,918	122.2	42,102	310.7	45,345	319.6	358,533	178.1	171.3
August	50,960	122.5	43,266	322.3	47,074	333.1	362,375	180.1	169.7
September	47,899	125.3	36,426	331.8	39,317	342.9	325,645	182.3	170.3
October	52,966	127.4	33,429	344.0	35,354	352.8	312,973	188.1	168.6
November	49,055	127.7	35,808	360.8	38,405	371.4	255,878	180.2	174.0
December	47,652	129.2	41,322	392.1	44,792	403.5	243,335	183.0	187.2
Average	556,558	122.4	479,705	298.8	515,695	307.2	3,368,976	174.9	163.9
1980									
January	49,852	128.7	40,770	422.2	43,399	429.6	264,900	193.7	190.1
February	45,876	129.9	36,580	428.2	38,849	435.9	258,613	203.4	192.7
March	48,520	130.1	34,932	408.6	36,569	415.1	274,236	206.5	186.1
April	49,166	133.8	28,252	397.3	29,739	404.9	249,709	202.5	179.0
May	50,027	133.4	29,862	402.2	31,240	409.3	277,381	210.3	181.9
June	51,153	135.1	28,120	391.7	29,693	399.5	328,618	208.2	180.6
July	44,043	137.4	35,612	393.5	38,688	406.6	413,027	228.1	202.6
August	53,780	137.9	36,831	404.0	40,267	417.8	392,652	236.4	198.9
September	50,885	138.9	31,260	409.9	33,184	418.6	348,947	236.4	195.2
October	52,162	138.1	27,767	449.2	29,344	456.4	291,767	243.0	194.1
November	48,233	139.3	29,570	494.9	31,409	500.9	250,172	229.4	202.4
December	50,297	137.8	34,604	520.0	36,760	526.8	238,791	224.2	209.3
Average	593,995	135.1	394,159	426.7	419,140	435.1	3,588,814	219.9	192.8
1981									
January	51,021	142.7	37,955	541.1	40,591	550.1	229,106	243.4	223.1
February	47,374	146.3	28,155	575.4	30,160	584.0	220,473	257.9	221.6
March	52,446	148.3	26,623	586.5	27,950	593.8	265,430	262.5	217.6
April	29,969	146.9	23,405	571.8	24,350	578.0	284,010	271.6	244.8
May	28,714	146.7	25,715	557.1	27,134	565.5	313,846	281.9	255.0
June	41,383	152.7	29,080	510.9	31,630	526.3	373,926	285.2	239.2
July	51,163	156.5	30,425	501.1	32,573	514.1	402,992	287.0	231.2
August	56,509	157.0	27,666	499.7	29,096	509.6	383,945	289.1	222.4
September	55,347	157.2	23,136	506.9	24,139	515.1	314,451	285.8	214.9
October	57,498	160.2	25,474	516.6	26,251	522.8	296,546	297.7	219.6
November	54,640	159.1	22,912	526.1	23,731	532.7	254,281	297.4	217.2
December	53,312	156.7	26,931	510.6	27,938	518.2	234,553	287.5	217.9
Average	579,374	153.2	327,477	533.4	345,544	542.5	3,573,558	280.5	225.6
1982									
January	46,293	160.9	27,653	489.2	29,536	502.3	232,251	297.4	229.4
February	47,285	164.1	21,972	493.6	23,038	502.8	215,313	307.8	223.1
March	54,158	165.7	25,015	477.1	25,778	482.8	242,071	314.2	221.9
April	50,635	164.6	17,096	487.0	17,827	493.0	241,091	320.7	216.9
May	51,338	165.1	15,552	494.2	16,285	501.9	252,417	327.6	217.7
June	51,178	167.0	16,910	488.3	17,796	498.2	290,880	341.8	226.8
July	45,767	164.5	20,598	477.8	21,548	487.3	345,233	353.3	241.0
August	54,847	164.7	19,154	467.1	19,947	475.5	355,387	353.4	230.2
September	48,777	165.9	17,186	475.3	17,863	483.0	287,404	354.7	229.4
October	51,801	164.9	14,444	490.2	15,047	498.9	267,840	355.9	222.2
November	49,551	165.3	14,749	501.0	15,679	512.1	221,869	349.8	220.8
December	49,795	162.9	17,870	461.9	18,768	471.9	209,593	352.5	218.8
Average	601,427	164.7	228,200	483.2	239,111	492.2	3,161,348	337.6	224.9

See footnotes at end of table.

Table 9.10 Quantity and Cost of Fossil-Fuel Receipts at Steam-Electric Utility Plants, 1973-1992 (Continued)

	Coal		Petroleum				Gas ^a		All Fossil Fuels ^b
	Quantity (thousand short tons)	Cost (cents per million Btu)	Heavy Oil ^b		Total ^{b,c}		Quantity (million cubic feet)	Cost (cents per million Btu)	Cost (cents per million Btu)
			Quantity (thousand barrels)	Cost (cents per million Btu)	Quantity (thousand barrels)	Cost (cents per million Btu)			
1983									
January	50,878	166.8	17,698	448.9	18,370	455.5	193,645	347.1	216.7
February	45,870	167.8	16,630	441.4	17,143	446.3	163,937	331.9	213.9
March	48,565	168.1	17,954	426.0	18,475	430.1	195,349	336.1	215.5
April	44,856	168.5	16,464	431.6	16,884	435.1	191,610	326.1	215.8
May	48,784	165.0	17,142	446.6	17,671	451.1	206,564	344.3	216.6
June	49,562	167.3	16,783	453.6	17,392	458.3	232,956	347.2	220.9
July	44,771	165.3	20,193	467.0	20,722	470.4	287,293	361.1	237.4
August	55,491	164.3	20,432	470.4	21,122	474.8	327,820	363.2	230.1
September	51,791	163.9	18,196	482.8	18,859	487.6	277,835	358.1	226.4
October	53,651	164.6	17,334	479.6	17,841	483.5	248,215	350.1	219.8
November	50,927	163.6	14,801	472.2	15,365	477.4	202,613	340.5	212.2
December	47,582	162.2	18,078	468.7	19,806	478.5	204,411	338.7	219.2
Average	592,728	165.6	211,705	457.8	219,652	462.8	2,732,248	347.4	220.6
1984									
January	54,633	161.6	23,107	488.9	24,430	495.7	197,578	343.7	221.0
February	55,367	164.9	20,859	496.3	21,459	500.4	171,606	347.5	213.9
March	58,105	163.4	15,899	484.0	16,435	488.1	189,915	339.8	208.4
April	53,504	165.7	11,843	494.1	12,283	498.1	206,939	344.4	210.6
May	57,747	168.6	15,277	486.9	16,033	492.4	244,876	360.4	220.3
June	58,331	169.1	15,571	488.3	16,327	494.0	272,381	360.9	223.2
July	56,619	168.2	16,400	474.6	17,060	479.3	324,783	373.1	231.3
August	66,473	167.2	19,834	459.6	20,543	463.8	324,231	365.6	223.5
September	61,569	167.4	13,089	472.5	13,829	478.6	271,959	368.0	217.5
October	56,729	168.7	12,603	474.1	13,210	479.7	251,855	361.4	218.8
November	52,853	166.6	12,614	470.6	13,253	476.3	223,891	357.2	216.8
December	52,181	165.0	16,734	480.4	17,509	484.7	198,792	355.4	218.7
Average	684,111	166.4	193,832	481.2	202,372	486.3	2,878,808	360.3	219.1
1985									
January	51,339	164.1	15,091	472.0	16,135	477.7	207,124	364.4	218.7
February	49,829	167.0	14,627	482.4	15,303	485.8	183,474	358.1	218.1
March	58,178	167.1	12,676	458.8	13,276	463.1	188,875	364.9	209.5
April	55,530	167.6	9,767	452.1	10,391	459.6	213,752	361.6	210.6
May	56,908	166.8	11,021	403.1	11,620	411.7	218,560	346.1	206.3
June	57,123	165.0	11,205	384.9	11,867	394.0	260,975	344.8	208.1
July	53,773	164.2	14,361	392.8	15,026	398.7	313,037	344.0	217.4
August	60,421	164.0	13,967	380.5	14,732	388.1	331,425	334.8	211.1
September	56,987	163.2	11,360	419.0	12,003	426.7	256,235	328.7	204.9
October	58,840	163.5	13,636	415.8	14,266	423.2	234,787	330.4	204.3
November	52,133	163.6	12,365	397.2	13,001	407.6	210,925	329.3	204.5
December	55,681	161.0	16,333	424.3	17,326	435.3	189,754	320.9	202.9
Average	666,743	164.8	156,410	424.4	164,947	431.7	2,808,921	344.4	209.4
1986									
January	58,257	159.6	17,242	396.0	18,070	403.0	167,097	314.7	195.6
February	53,601	161.4	16,552	302.1	17,088	306.4	142,861	282.3	185.6
March	56,641	161.7	16,256	266.2	16,724	269.2	155,987	256.9	179.8
April	54,188	163.5	12,958	229.7	13,471	234.8	182,096	239.1	177.7
May	55,303	162.3	18,026	218.9	18,574	222.7	213,106	236.0	177.7
June	56,648	159.2	20,741	214.4	21,530	217.8	242,149	221.5	174.1
July	53,980	157.1	24,226	184.1	25,033	186.9	275,715	216.8	171.0
August	61,777	156.1	27,219	203.6	28,183	205.9	252,832	219.4	170.7
September	59,330	154.9	17,776	213.0	18,414	216.2	228,424	216.8	168.4
October	60,637	154.7	13,037	208.6	13,704	213.4	200,203	213.9	165.7
November	57,217	153.3	14,173	230.5	14,697	233.6	166,368	218.0	165.9
December	59,385	152.2	22,380	252.7	23,033	254.9	160,784	230.7	170.2
Average	686,964	157.9	220,585	240.1	228,522	243.7	2,387,622	235.1	175.0
1987									
January	56,653	150.4	18,844	304.1	19,580	306.8	168,778	233.4	173.2
February	53,169	152.7	15,980	286.5	16,451	289.0	143,291	236.8	172.0
March	57,622	152.6	13,739	283.6	14,241	286.6	174,264	229.9	169.9
April	55,218	155.2	13,641	295.6	14,276	298.8	194,630	229.2	174.0
May	56,426	154.4	12,104	300.4	12,684	304.1	222,875	221.7	172.6
June	61,047	151.6	14,876	310.6	15,473	313.9	259,554	220.4	172.2
July	57,882	150.0	19,852	321.7	20,609	323.9	291,793	222.6	177.2
August	66,256	149.3	19,887	310.8	20,489	313.6	311,613	217.1	172.5
September	64,605	149.6	12,171	291.1	12,743	295.7	242,393	210.5	166.0
October	65,413	149.6	11,618	291.7	12,215	297.9	219,234	217.9	165.5
November	62,845	147.4	15,317	294.5	15,971	300.1	198,307	221.0	166.0
December	64,162	145.8	19,272	271.9	19,846	275.9	178,459	244.3	166.6
Average	721,298	150.6	187,300	297.6	194,578	301.1	2,605,191	224.0	170.6

See footnotes at end of table.

Table 9.10 Quantity and Cost of Fossil-Fuel Receipts at Steam-Electric Utility Plants, 1973-1992 (Continued)

	Coal		Petroleum				Gas ^a		All Fossil Fuels ^b
	Quantity (thousand short tons)	Cost (cents per million Btu)	Heavy Oil ^b		Total ^{b,c}		Quantity (million cubic feet)	Cost (cents per million Btu)	Cost (cents per million Btu)
			Quantity (thousand barrels)	Cost (cents per million Btu)	Quantity (thousand barrels)	Cost (cents per million Btu)			
1988									
January	58,626	146.5	19,517	260.0	20,190	264.1	151,366	250.4	167.1
February	56,871	148.7	19,473	260.5	19,943	263.2	153,286	247.7	169.0
March	59,021	149.3	17,567	232.7	18,171	236.9	185,781	225.4	165.2
April	56,136	149.8	12,418	231.6	12,761	235.8	179,872	212.8	162.7
May	57,920	149.5	11,905	245.0	12,378	250.5	214,688	203.3	162.6
June	59,337	146.3	14,642	236.2	15,238	241.1	251,104	209.2	162.2
July	58,989	146.0	18,599	234.5	19,156	237.7	294,679	216.0	165.7
August	68,696	145.3	23,898	239.0	24,703	242.5	303,867	229.1	167.0
September	63,103	145.3	19,659	232.0	20,162	234.9	211,068	228.0	162.9
October	63,574	145.6	23,220	223.6	23,694	225.8	162,176	232.2	161.6
November	62,015	145.6	23,484	236.8	23,989	239.3	133,900	248.3	163.4
December	63,487	142.3	25,853	251.2	26,537	254.3	120,934	250.3	162.1
Average	727,775	146.6	230,234	240.5	236,924	243.9	2,362,721	226.3	164.3
1989									
January	62,443	142.7	25,855	264.1	26,516	267.4	124,572	257.5	164.8
February	56,634	145.0	20,489	251.9	21,179	256.0	150,950	237.2	164.6
March	63,218	144.4	22,427	271.8	23,199	276.0	180,668	225.7	165.0
April	62,076	143.6	19,831	303.0	20,292	305.6	207,401	224.6	166.7
May	64,796	145.3	20,569	307.2	21,211	310.1	226,859	232.0	169.7
June	61,272	145.5	18,677	279.9	19,354	283.5	234,010	232.1	168.5
July	55,429	144.1	19,778	275.6	20,364	278.6	285,117	233.3	172.2
August	70,147	144.7	19,701	264.2	20,563	268.9	282,481	230.6	166.6
September	64,539	146.0	14,967	264.8	15,609	270.6	239,696	225.4	164.9
October	66,578	145.4	15,779	289.1	16,495	295.6	230,629	231.6	166.1
November	65,570	144.2	16,862	288.0	17,602	294.5	162,361	248.1	164.9
December	60,515	142.8	22,734	350.2	24,040	359.0	147,763	275.4	176.7
Average	753,217	144.5	237,668	284.6	246,422	289.3	2,472,506	235.5	167.5
1990									
January	67,636	144.6	26,481	403.9	27,415	409.6	126,806	293.8	182.3
February	62,296	146.6	19,190	338.2	19,683	340.7	113,552	269.3	171.2
March	67,536	145.7	15,023	295.2	15,494	299.3	166,055	231.0	163.1
April	63,888	147.3	13,521	254.7	13,977	260.4	181,153	221.7	162.1
May	64,958	147.8	15,000	244.7	15,534	250.6	220,420	212.5	162.4
June	63,649	146.6	18,068	219.4	18,612	224.1	267,995	209.3	161.9
July	63,427	144.6	22,149	239.9	22,783	243.8	294,671	214.6	164.8
August	70,571	144.5	18,773	341.1	19,321	346.2	304,429	215.9	169.1
September	65,715	144.7	13,520	389.9	14,038	397.8	269,002	214.3	168.6
October	69,170	146.2	13,254	438.8	13,969	452.4	225,855	236.8	173.2
November	65,393	144.8	13,378	430.1	13,900	439.0	164,781	271.9	174.0
December	62,386	142.4	13,923	424.7	14,625	434.0	156,262	283.1	174.3
Average	786,627	145.5	202,281	331.9	209,350	338.4	2,490,979	232.1	168.9
1991									
January	63,732	145.4	11,466	359.4	12,315	373.8	165,100	267.1	169.8
February	61,407	147.0	10,429	265.8	10,899	276.0	137,568	234.8	161.3
March	63,825	145.5	11,269	244.2	11,672	251.3	182,853	220.0	159.3
April	61,093	147.3	13,119	234.2	13,479	239.7	203,893	206.7	160.3
May	63,259	148.3	14,711	233.1	15,256	240.1	233,667	198.2	160.8
June	61,674	147.4	17,122	220.2	17,675	226.1	244,386	191.2	159.5
July	65,105	142.7	17,169	227.2	17,703	233.1	310,738	184.6	156.0
August	69,794	143.1	16,831	226.7	17,323	232.6	306,418	192.7	156.6
September	65,273	143.3	15,590	241.4	16,063	247.7	248,899	215.4	160.2
October	66,445	143.6	9,658	238.6	10,287	253.1	251,458	231.0	160.9
November	62,779	142.8	11,289	253.9	11,835	264.8	186,722	240.7	160.4
December	65,538	140.0	14,453	252.2	15,120	260.3	159,115	262.0	159.5
Average	769,923	144.7	163,106	246.5	169,625	254.8	2,630,818	215.3	160.3
1992									
January	64,678	139.6	12,039	223.2	12,539	230.0	159,815	247.1	155.2
February	61,603	142.1	13,634	209.8	14,107	216.1	160,328	201.7	152.7
March	63,857	143.4	12,779	208.2	13,186	214.1	198,040	196.8	153.7
April	60,661	142.7	10,144	217.8	10,555	225.7	218,468	202.6	154.8
May	63,407	142.9	10,079	237.1	10,498	245.1	227,857	207.8	156.4
June	63,704	141.9	10,888	251.4	11,352	260.0	254,025	213.6	158.3
July	64,400	139.3	12,706	274.1	13,217	281.2	315,543	208.9	159.2
August	70,241	139.6	12,152	274.1	12,664	281.2	287,373	237.3	161.6
September	66,503	142.0	8,883	268.5	9,319	277.6	259,771	246.3	163.0
October	66,907	141.3	10,772	290.5	11,221	297.7	205,039	297.9	167.5
November	64,005	141.5	11,161	273.5	11,636	280.5	182,505	282.6	164.5
December	65,998	138.6	13,302	252.1	14,097	261.9	168,913	276.5	160.0
Average	775,963	141.2	138,537	247.5	144,390	255.1	2,637,678	232.8	159.0

^a Includes supplemental gaseous fuels.

^b Heavy oil includes fuel oil nos. 4, 5, and 6, and topped crude oil. The weighted averages for petroleum and all fossil fuels include both heavy and light oil (fuel oil nos. 1 and 2, kerosene, and jet fuel) prices. Data do not include petroleum coke.

^c Data for 1973-1982 do not include small quantities of rerefined motor oil, bunker oil, and liquefied petroleum gas.

Notes: • See Note 8 at end of section. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 9.11 Natural Gas Prices, 1973-1992

(Dollars per Thousand Cubic Feet)

	Wellhead	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers ^{a,b}			
		Imports	Purchases from Producers		Residential	Commercial	Industrial	Electric Utilities ^c
1973								
January	NA	NA	NA	NA	NA	NA	NA	NA
February	NA	NA	NA	NA	NA	NA	NA	NA
March	NA	NA	NA	NA	NA	NA	NA	NA
April	NA	NA	NA	NA	NA	NA	NA	NA
May	NA	NA	NA	NA	NA	NA	NA	NA
June	NA	NA	NA	NA	NA	NA	NA	NA
July	NA	NA	NA	NA	NA	NA	NA	NA
August	NA	NA	NA	NA	NA	NA	NA	NA
September	NA	NA	NA	NA	NA	NA	NA	NA
October	NA	NA	NA	NA	NA	NA	NA	NA
November	NA	NA	NA	NA	NA	NA	NA	NA
December	NA	NA	NA	NA	NA	NA	NA	NA
Average .....	.22	NA	NA	NA	1.29	.94	.50	.38
1974								
January	NA	.43	.24	NA	NA	NA	NA	NA
February	NA	.43	.25	NA	NA	NA	NA	NA
March	NA	.43	.26	NA	NA	NA	NA	NA
April	NA	.46	.26	NA	NA	NA	NA	NA
May	NA	.49	.26	NA	NA	NA	NA	NA
June	NA	.48	.26	NA	NA	NA	NA	NA
July	NA	.59	.26	NA	NA	NA	NA	NA
August	NA	.58	.26	NA	NA	NA	NA	NA
September	NA	.59	.27	NA	NA	NA	NA	NA
October	NA	.59	.28	NA	NA	NA	NA	NA
November	NA	.71	.29	NA	NA	NA	NA	NA
December	NA	.75	.32	NA	NA	NA	NA	NA
Average .....	.30	.59	.27	NA	1.43	1.07	.67	.51
1975								
January	NA	1.04	.30	NA	NA	NA	NA	NA
February	NA	1.06	.30	NA	NA	NA	NA	NA
March	NA	1.03	.34	NA	NA	NA	NA	NA
April	NA	1.03	.33	NA	NA	NA	NA	NA
May	NA	1.01	.35	NA	NA	NA	NA	NA
June	NA	.99	.35	NA	NA	NA	NA	NA
July	NA	1.01	.37	NA	NA	NA	NA	NA
August	NA	1.41	.36	NA	NA	NA	NA	NA
September	NA	1.41	.37	NA	NA	NA	NA	NA
October	NA	1.40	.36	NA	NA	NA	NA	NA
November	NA	1.63	.37	NA	NA	NA	NA	NA
December	NA	1.62	.36	NA	NA	NA	NA	NA
Average .....	.44	1.31	.37	NA	1.71	1.35	.96	.77
1976								
January .....	.54	1.64	.38	NA	NA	NA	NA	NA
February .....	.54	1.65	.40	NA	NA	NA	NA	NA
March .....	.54	1.65	.39	NA	NA	NA	NA	NA
April .....	.55	1.64	.41	NA	NA	NA	NA	NA
May .....	.55	1.65	.42	NA	NA	NA	NA	NA
June .....	.58	1.67	.44	NA	NA	NA	NA	NA
July .....	.58	1.68	.44	NA	NA	NA	NA	NA
August .....	.60	1.68	.56	NA	NA	NA	NA	NA
September .....	.60	1.84	.69	NA	NA	NA	NA	NA
October .....	.62	1.90	.58	NA	NA	NA	NA	NA
November .....	.63	1.82	.53	NA	NA	NA	NA	NA
December .....	.64	1.89	.54	NA	NA	NA	NA	NA
Average .....	.58	1.73	.48	NA	1.98	1.64	1.24	1.06
1977								
January .....	.67	2.02	.59	NA	NA	NA	NA	NA
February .....	.71	2.00	.63	NA	NA	NA	NA	NA
March .....	.75	2.00	.70	NA	NA	NA	NA	NA
April .....	.77	1.91	.65	NA	NA	NA	NA	NA
May .....	.77	1.91	.69	NA	NA	NA	NA	NA
June .....	.82	1.89	.69	NA	NA	NA	NA	NA
July .....	.83	1.88	.72	NA	NA	NA	NA	NA
August .....	.82	1.86	.71	NA	NA	NA	NA	NA
September .....	.83	1.95	.72	NA	NA	NA	NA	NA
October .....	.84	2.12	.74	NA	NA	NA	NA	NA
November .....	.83	2.14	.75	NA	NA	NA	NA	NA
December .....	.84	2.17	.74	NA	NA	NA	NA	NA
Average .....	.79	1.99	.70	NA	2.35	2.04	1.50	1.32

See footnotes at end of table.

Table 9.11 Natural Gas Prices, 1973-1992 (Continued)

(Dollars per Thousand Cubic Feet)

	Wellhead	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers ^{a,b}			
		Imports	Purchases from Producers		Residential	Commercial	Industrial	Electric Utilities ^c
1978								
January	0.87	2.11	0.74	NA	NA	NA	NA	NA
February .....	.88	2.11	.76	NA	NA	NA	NA	NA
March .....	.89	2.13	.79	NA	NA	NA	NA	NA
April .....	.88	2.22	.81	NA	NA	NA	NA	NA
May .....	.91	2.19	.81	NA	NA	NA	NA	NA
June .....	.91	2.21	.83	NA	NA	NA	NA	NA
July .....	.89	2.23	.84	NA	NA	NA	NA	NA
August .....	.91	2.23	.84	NA	NA	NA	NA	NA
September .....	.92	2.17	.88	NA	NA	NA	NA	NA
October .....	.92	2.25	.91	NA	NA	NA	NA	NA
November .....	.93	2.19	.90	NA	NA	NA	NA	NA
December .....	.96	2.15	.96	NA	NA	NA	NA	NA
Average .....	.91	2.21	.83	NA	2.56	2.23	1.70	1.48
1979								
January	1.02	2.07	1.00	NA	NA	NA	NA	1.55
February	1.05	2.10	1.02	NA	NA	NA	NA	1.65
March	1.10	2.25	1.06	NA	NA	NA	NA	1.69
April	1.11	2.22	1.17	NA	NA	NA	NA	1.70
May	1.15	2.29	1.18	NA	NA	NA	NA	1.82
June	1.17	2.33	1.18	NA	NA	NA	NA	1.84
July	1.20	2.32	1.19	NA	NA	NA	NA	1.84
August	1.24	2.64	1.26	NA	NA	NA	NA	1.87
September	1.24	2.74	1.31	NA	NA	NA	NA	1.89
October	1.28	2.84	1.36	NA	NA	NA	NA	1.96
November	1.29	3.41	1.41	NA	NA	NA	NA	1.87
December	1.31	3.54	1.35	NA	NA	NA	NA	1.90
Average	1.18	2.60	1.22	NA	2.98	2.73	1.99	1.81
1980								
January	1.37	3.43	1.43	NA	NA	NA	NA	2.00
February	1.42	3.69	1.44	NA	NA	NA	NA	2.10
March	1.46	4.21	1.46	NA	NA	NA	NA	2.13
April	1.51	4.84	1.53	NA	NA	NA	NA	2.09
May	1.56	4.76	1.58	NA	NA	NA	NA	2.17
June	1.57	4.79	1.70	NA	NA	NA	NA	2.15
July	1.64	4.56	1.65	NA	NA	NA	NA	2.36
August	1.64	4.68	1.67	NA	NA	NA	NA	2.45
September	1.69	4.60	1.71	NA	NA	NA	NA	2.45
October	1.71	4.53	1.81	NA	NA	NA	NA	2.52
November	1.76	4.49	1.79	NA	NA	NA	NA	2.37
December	1.74	4.49	1.79	NA	NA	NA	NA	2.31
Average	1.59	4.42	1.63	NA	3.68	3.39	2.56	2.27
1981								
January	1.77	4.33	1.83	NA	^d 3.94	NA	NA	2.51
February	1.81	4.51	1.89	NA	^d 3.99	NA	NA	2.67
March	1.86	4.61	1.91	NA	^d 4.06	NA	NA	2.71
April	1.93	4.88	2.07	NA	^d 4.11	NA	NA	2.81
May	1.95	4.82	2.15	NA	^d 4.29	NA	NA	2.92
June	1.95	4.83	2.16	NA	^d 4.30	NA	NA	2.95
July	2.01	4.86	2.20	NA	^d 4.32	NA	NA	2.97
August	2.02	4.89	2.27	NA	^d 4.30	NA	NA	2.99
September	2.08	4.88	2.26	NA	^d 4.47	NA	NA	2.95
October	2.11	5.00	2.31	NA	^d 4.50	NA	NA	3.07
November	2.15	5.01	2.38	NA	^d 4.53	NA	NA	3.07
December	2.16	4.97	2.36	NA	^d 4.55	NA	NA	2.97
Average	1.98	4.84	2.15	NA	4.29	4.00	3.14	2.89
1982								
January	2.23	4.94	2.47	NA	^d 4.65	NA	NA	3.07
February	2.30	4.96	2.50	NA	^d 4.69	NA	NA	3.18
March	2.35	4.94	2.52	NA	^d 4.78	NA	NA	3.25
April	2.40	4.94	2.54	NA	^d 4.86	NA	NA	3.32
May	2.45	4.93	2.68	NA	^d 5.17	NA	NA	3.42
June	2.45	4.86	2.83	NA	^d 5.20	NA	NA	3.57
July	2.47	5.00	2.79	NA	^d 5.23	NA	NA	3.69
August	2.53	5.07	2.86	NA	^d 5.23	NA	NA	3.67
September	2.56	5.05	2.78	NA	^d 5.41	NA	NA	3.67
October	2.60	5.02	2.93	NA	^d 5.66	NA	NA	3.68
November	2.62	5.01	2.89	NA	^d 5.68	NA	NA	3.61
December	2.62	4.94	2.96	NA	^d 5.74	NA	NA	3.64
Average	2.46	4.94	2.72	NA	5.17	4.82	3.87	3.48

See footnotes at end of table.

Table 9.11 Natural Gas Prices, 1973-1992 (Continued)

(Dollars per Thousand Cubic Feet)

	Wellhead	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers ^{a,b}			
		Imports	Purchases from Producers		Residential	Commercial	Industrial	Electric Utilities ^c
1983								
January	2.66	5.03	3.06	NA	^d 5.86	NA	NA	3.57
February	2.66	5.09	3.15	NA	^d 5.87	NA	NA	3.41
March	2.58	5.01	3.01	NA	^d 6.00	NA	NA	3.45
April	2.53	4.58	2.90	NA	^d 6.06	NA	NA	3.35
May	2.53	4.40	2.98	NA	^d 6.22	NA	NA	3.55
June	2.59	4.41	2.95	NA	^d 6.20	NA	NA	3.58
July	2.52	4.31	2.96	NA	^d 6.21	NA	NA	3.72
August	2.58	3.93	2.90	NA	^d 6.18	NA	NA	3.75
September	2.67	4.02	2.87	NA	^d 6.19	NA	NA	3.70
October	2.58	4.03	2.86	3.97	6.70	5.62	NA	3.62
November	2.60	4.26	2.84	3.91	6.30	5.67	NA	3.54
December	2.61	4.33	2.73	3.88	5.94	5.62	NA	3.49
Average	2.59	4.51	2.93	NA	6.06	5.59	4.18	3.58
1984								
January	2.67	4.40	2.80	3.94	5.78	5.49	4.31	3.49
February	2.71	4.37	2.82	4.02	5.84	5.54	4.29	3.55
March	2.67	4.40	2.80	3.91	5.92	5.57	4.29	3.47
April	2.64	4.23	2.95	3.96	5.96	5.52	4.19	3.53
May	2.67	4.15	2.86	3.98	6.27	5.60	4.21	3.72
June	2.70	4.25	2.89	4.02	6.76	5.67	4.11	3.73
July	2.68	4.15	2.95	4.06	7.11	5.60	4.14	3.86
August	2.69	4.12	2.95	^e 3.69	7.23	5.47	4.15	3.80
September	2.62	4.34	2.84	4.02	7.17	5.53	4.24	3.80
October	2.63	4.19	2.96	3.99	6.80	5.54	4.17	3.72
November	2.61	3.43	3.13	3.92	6.31	5.56	4.21	3.72
December	2.57	3.34	2.95	3.97	6.05	5.60	4.25	3.69
Average	2.66	4.08	2.91	3.95	6.12	5.55	4.22	3.70
1985								
January	2.64	3.21	2.88	3.89	5.97	5.62	4.22	3.74
February	2.71	3.11	2.87	3.94	5.86	5.53	4.26	3.68
March	2.62	3.29	2.93	3.97	5.99	5.59	4.16	3.74
April	2.64	3.39	2.86	3.91	6.11	5.65	4.01	3.72
May	2.53	3.32	2.89	3.89	6.59	5.59	3.88	3.57
June	2.58	3.40	2.99	3.86	6.96	5.65	3.78	3.56
July	2.51	3.41	2.82	3.69	7.07	5.44	3.92	3.56
August	2.47	3.35	2.70	3.70	7.21	5.42	3.94	3.46
September	2.42	3.28	2.92	3.68	7.06	5.37	3.84	3.40
October	2.37	3.16	2.68	3.59	6.50	5.30	3.78	3.37
November	2.36	2.87	2.90	3.46	6.13	5.39	3.84	3.38
December	2.28	2.79	2.77	3.45	5.70	5.25	3.70	3.29
Average	2.51	3.19	2.85	3.75	6.12	5.50	3.95	3.55
1986								
January	2.28	2.81	2.63	3.52	5.63	5.25	3.77	3.20
February	2.26	2.79	2.61	3.52	5.67	5.28	3.77	2.85
March	2.16	3.36	2.66	3.50	5.71	5.25	3.53	2.60
April	2.10	3.14	2.37	3.33	5.89	5.23	3.35	2.44
May	1.96	2.75	2.46	3.15	6.18	5.19	3.11	2.41
June	1.85	2.56	2.56	3.11	6.67	5.09	3.05	2.27
July	1.80	2.78	2.40	3.08	6.84	5.02	2.88	2.23
August	1.77	2.59	2.24	3.04	6.94	4.90	2.81	2.22
September	1.78	2.26	2.05	3.02	6.83	4.93	2.92	2.22
October	1.73	2.22	2.27	2.94	6.38	4.88	2.93	2.19
November	1.77	1.84	2.07	2.90	5.66	4.74	3.01	2.23
December	1.76	1.99	2.11	2.99	5.28	4.73	3.00	2.35
Average	1.94	2.53	2.39	3.22	5.83	5.08	3.23	2.43
1987								
January	1.74	2.13	2.29	2.98	5.30	4.80	3.11	2.44
February	1.73	2.21	2.29	3.03	5.34	4.79	3.30	2.46
March	1.73	2.30	2.06	2.91	5.36	4.80	3.16	2.40
April	1.69	2.25	2.05	2.86	5.46	4.90	2.99	2.38
May	1.65	2.22	2.15	2.81	5.98	4.88	2.81	2.31
June	1.65	2.26	2.04	2.84	6.55	4.87	2.76	2.30
July	1.66	2.73	2.19	2.92	6.78	4.78	2.81	2.33
August	1.63	2.17	1.64	2.89	6.84	4.77	2.74	2.26
September	1.56	2.36	2.17	2.83	6.64	4.60	2.75	2.19
October	1.57	1.98	1.96	2.69	5.85	4.62	2.77	2.26
November	1.64	1.94	2.06	2.76	5.42	4.66	2.89	2.28
December	1.70	2.00	2.17	2.84	5.13	4.67	3.01	2.53
Average	1.67	2.17	2.10	2.87	5.54	4.77	2.94	2.32

See footnotes at end of table.

Table 9.11 Natural Gas Prices, 1973-1992 (Continued)

(Dollars per Thousand Cubic Feet)

	Wellhead	Major Interstate Pipeline Companies		City Gate	Delivered to Consumers ^{a,b}			
		Imports	Purchases from Producers		Residential	Commercial	Industrial	Electric Utilities ^c
1988								
January	1.96	1.64	2.04	2.91	5.08	4.60	3.18	2.60
February	1.84	2.03	2.22	2.95	5.09	4.69	3.22	2.56
March	1.70	2.09	2.03	2.87	5.18	4.69	3.13	2.32
April	1.59	2.01	2.12	2.79	5.35	4.71	2.97	2.20
May	1.52	2.02	2.17	2.75	5.87	4.61	2.76	2.10
June	1.53	1.98	2.05	2.87	6.50	4.53	2.67	2.16
July	1.56	2.34	1.94	2.87	6.74	4.48	2.54	2.23
August	1.62	1.88	2.09	2.92	6.92	4.37	2.66	2.36
September	1.53	2.00	2.13	3.05	6.79	4.41	2.70	2.36
October	1.68	1.94	2.31	2.92	5.95	4.53	2.80	2.40
November	1.76	1.98	2.19	2.98	5.56	4.69	3.00	2.58
December	1.89	2.14	2.25	3.08	5.39	4.78	3.31	2.57
Average	1.69	2.00	2.13	2.92	5.47	4.63	2.95	2.33
1989								
January	1.99	1.77	2.35	3.17	5.41	4.81	3.37	2.63
February	1.81	2.20	2.16	3.10	5.38	4.80	3.31	2.44
March	1.69	1.99	2.14	2.89	5.45	4.79	3.10	2.32
April	1.56	2.01	2.19	2.83	5.54	4.77	2.89	2.31
May	1.61	2.00	2.11	2.94	5.93	4.64	2.78	2.39
June	1.65	2.04	2.05	2.98	6.58	4.57	2.67	2.40
July	1.65	1.88	2.00	3.08	6.92	4.65	2.68	2.40
August	1.61	2.27	2.11	3.04	7.07	4.61	2.69	2.38
September	1.55	2.02	2.08	2.99	6.80	4.67	2.66	2.33
October	1.58	2.17	2.13	2.84	6.06	4.61	2.74	2.39
November	1.66	2.13	2.23	2.98	5.56	4.71	2.96	2.56
December	1.92	2.08	2.39	3.10	5.30	4.81	3.31	2.85
Average	1.69	2.04	2.18	3.01	5.64	4.74	2.96	2.43
1990								
January	2.23	2.04	2.42	3.24	5.43	4.97	3.53	3.00
February	1.85	2.25	2.17	3.10	5.65	5.05	3.41	2.76
March	1.55	1.99	1.94	2.94	5.60	4.92	3.08	2.37
April	1.49	2.00	2.17	2.83	5.64	4.82	2.85	2.28
May	1.47	2.08	1.98	2.81	6.00	4.63	2.68	2.18
June	1.48	1.91	2.18	3.00	6.56	4.56	2.58	2.16
July	1.49	1.88	2.00	3.03	7.04	4.45	2.50	2.21
August	1.51	1.93	1.86	2.91	7.08	4.55	2.52	2.23
September	1.56	1.89	1.93	2.92	6.90	4.55	2.60	2.21
October	1.76	1.90	2.18	2.81	6.14	4.66	2.69	2.45
November	1.94	2.21	2.45	3.14	5.69	4.81	3.02	2.79
December	2.04	2.27	2.58	3.19	5.62	4.92	3.25	2.89
Average	1.71	2.03	2.19	3.03	5.80	4.83	2.93	2.38
1991								
January	1.96	2.20	2.19	3.08	5.54	4.94	3.25	2.70
February	1.62	2.10	1.93	2.94	5.56	4.94	2.97	2.35
March	1.49	1.92	2.02	2.78	5.60	4.89	2.75	2.21
April	1.50	2.03	1.87	2.74	5.90	4.87	2.68	2.10
May	1.48	1.99	1.96	2.76	6.28	4.65	2.40	2.01
June	1.43	2.03	1.75	2.86	6.97	4.80	2.34	1.94
July	1.34	2.11	1.79	2.74	7.23	4.50	2.23	1.88
August	1.43	1.71	1.71	2.78	7.36	4.73	2.29	1.96
September	1.59	1.84	1.76	2.91	6.92	4.57	2.49	2.19
October	1.82	2.00	1.94	2.92	6.20	4.58	2.69	2.35
November	1.89	2.20	2.02	2.92	5.51	4.71	2.84	2.43
December	2.00	2.09	2.11	3.05	5.51	4.84	3.09	2.64
Average	1.64	2.02	1.92	2.90	5.82	4.81	2.69	2.18
1992								
January	1.74	2.20	2.10	2.90	5.53	4.85	3.04	2.49
February	1.26	1.98	1.70	2.70	5.54	5.03	2.78	2.03
March	1.35	1.45	1.90	2.61	5.50	4.77	2.58	1.99
April	1.42	2.01	1.73	2.74	5.62	4.77	2.54	2.07
May	1.51	1.79	1.99	2.90	6.15	4.59	2.44	2.11
June	1.62	2.03	2.16	3.00	6.84	4.72	2.53	2.18
July	1.55	1.89	1.86	3.01	7.27	4.64	2.54	2.13
August	1.84	1.85	2.14	3.18	7.45	4.73	2.71	2.42
September	1.92	2.05	2.13	3.23	7.15	4.69	2.82	2.51
October	2.38	2.13	2.69	3.50	6.52	4.90	3.21	3.04
November	2.13	2.32	2.33	3.33	6.02	5.12	3.26	2.87
December	2.07	1.92	2.40	3.17	5.74	5.11	3.38	2.81
Average	1.74	1.97	2.09	3.01	5.89	4.88	2.84	2.36

^a Includes supplemental gaseous fuels.

^b See Note 9 at end of section.

^c See Note 8 at end of section.

^d Monthly values for "Residential" are estimated by proportioning the EIA annual value by the ratios of monthly values reported by the Bureau of Labor Statistics, "Consumer Price Index for All Urban Consumers."

^e The decline from the previous month was primarily the result of refunds in the form of reduced charges.

NA=Not available.

Notes: • Prices shown on this page are intended to include all taxes. See Note 9 at end of section. • Wellhead annual prices are simple averages of the monthly prices; all other annual prices are volume-weighted averages of the monthly prices. • Geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Energy Prices Notes and Sources

Notes:

1. The average domestic first purchase price represents the average price at which all domestic crude oil is purchased. Prior to February 1976, the price represented an estimate of the average of posted prices; beginning with February 1976, the price represents an average of actual first purchase prices. The data series was previously called "Actual Domestic Wellhead Price."

2. F.O.B. literally means "Free on Board." It denotes a transaction whereby the seller makes the product available with an agreement on a given port at a given price; it is the responsibility of the buyer to arrange for the transportation and insurance.

3. The landed cost of imported crude oil from selected countries does not represent the total cost of all imported crude. Prior to March 1975, imported crude costs to U.S. company-owned refineries in the Caribbean were not included in the landed cost, and costs of crude oil from countries that export only small amounts to the United States were also excluded. Beginning in March 1975, however, coverage was expanded to include U.S. company-owned refineries in the Caribbean. Landed costs do not include supplemental fees.

4. Beginning with January 1981, refiner acquisition costs of crude oil are from data collected on Energy Information Administration (EIA) Form EIA-14, "Refiners' Monthly Cost Report." Those costs were previously published from data collected on Economic Regulatory Administration (ERA) Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners Monthly Report." Form ERA-49 was discontinued with the decontrol of crude oil on January 28, 1981. Crude oil purchases and costs are defined for Form EIA-14 in accordance with conventions used for Form ERA-49. The respondents for the two forms are also essentially the same. However, due to possible different interpretations of the filing requirements and a different method for handling prior period adjustments, care must be taken when comparing the data collected on the two forms.

The refiner acquisition cost of crude oil is the average price paid by refiners for crude oil booked into their refineries in accordance with accounting procedures generally accepted and consistently and historically applied by the refiners concerned. Domestic crude oil is that oil produced in the United States or from the outer continental shelf as defined in 43 USC Section 1331. Imported crude oil is either that oil reported on Form ERA-51, "Transfer Pricing Report," or any crude oil that

is not domestic oil. The composite cost is the weighted average of domestic and imported crude oil costs.

Crude oil costs and volumes reported on Form ERA-49 excluded unfinished oils but included the Strategic Petroleum Reserve (SPR). Crude oil costs and volumes reported on Federal Energy Administration (FEA) Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report," included unfinished oils but excluded SPR. Imported averages derived from Form ERA-49 exclude oil purchased for SPR, whereas the composite averages derived from Form ERA-49 include SPR. None of the prices derived from Form EIA-14 include either unfinished oils or SPR.

5. Several different series of motor gasoline prices are published in this section. U.S. city average retail prices of motor gasoline are calculated monthly by the Bureau of Labor Statistics during the development of the Consumer Price Index (CPI). These prices include all Federal, State, and local taxes paid at the time of sale. From 1974-1977, prices were collected in 56 urban areas. From 1978-1992, prices were collected from a new sample of service stations in 85 urban areas selected to represent all urban consumers – about 80 percent of the total U.S. population. The service stations are selected initially, and on a replacement basis, in such a way that they represent the purchasing habits of the CPI population. Service stations in the current sample include those providing all types of service (i.e., full-, mini-, and self-serve).

Refiner prices of finished motor gasoline for resale and to end users are determined by the EIA in a monthly survey of refiners and gas plant operators (Form EIA-782A). The prices do not include any Federal, State, or local taxes paid at the time of sale. Estimates of prices prior to January 1983 are based on Form FEA-P302-M-1/EIA-460, "Petroleum Industry Monthly Report for Product Prices," and also exclude all Federal, State, or local taxes paid at the time of sale. Sales for resale are those made to purchasers who are other-than-ultimate consumers. Sales to end users are sales made directly to the consumer of the product, including bulk consumers (such as agriculture, industry, and utilities) and residential and commercial consumers.

6. Starting in January 1983, Form EIA-782, "Monthly Petroleum Product Sales Report," replaced 10 previous surveys. Every attempt was made to continue the most important price series. However, prices published through December 1982 and those published since January 1983 do not necessarily form continuous data series due to changes in survey forms, definitions, instructions, populations, samples, processing systems, and statistical procedures. To provide historical data, continuous series were generated for annual data 1978-

1982 and for monthly data 1981 and 1982 by estimating the prices that would have been published had Form EIA-782 survey and system been in operation at that time. This form of estimation was performed after detailed adjustment was made for product and sales type matching and for discontinuity due to other factors. An important difference between the previous and present prices is the distinction between wholesale and resale and between retail and end user. The resale category continues to include sales among resellers. However, sales to bulk consumers such as agriculture, industry, and electric utilities, previously included in the wholesale category, are now counted as made to end users. The end-user category continues to include retail sales through company owned and operated outlets, but also includes sales to bulk consumers such as agriculture, industry, and electric utilities. Additional information may be found in "Estimated Historic Time Series for the EIA-782," a feature article reprinted from the December 1983 [3] *Petroleum Marketing Monthly*, published by EIA.

7. National average electricity prices are shown in two data series. The "Annual Series" is based on data from more than 3,000 publicly and privately owned electric utilities that report on Form EIA-861, "Annual Electric Utility Report." The "Monthly Series" is based on data from approximately 250 utilities statistically chosen as a sample of the utilities that report on Form EIA-861. The selected utilities report monthly on Form EIA-826, "Monthly Electric Utility Sales and Revenue Report with State Distributions," formerly the "Electric Utility Company Monthly Statement." Annual values shown for the monthly series are the sum of the monthly revenue divided by the sum of the monthly sales. Prior to January 1986, only privately owned utilities were included in the monthly survey and the sample was chosen by using cut-off techniques; from January 1986 through 1992, the sample was chosen using stratification techniques.

8. Data for 1973-1982 cover all electric generating plants at which the generator nameplate capacity of all steam-electric units combined totaled 25 megawatts or greater. From 1974-1982, peaking units were included in the data and counted towards the 25-megawatt-or-greater total. Data for 1983-1990 cover all electric generating plants at which the generator nameplate capacity of all steam-electric units combined totaled 50 megawatts or greater. Data for 1991 and 1992 cover all electric generating plants at which the generator nameplate capacity of all steam-electric units and combined-cycle units together totaled 50 megawatts or greater.

9. Natural gas prices are intended to include all taxes. Instructions on the data collection forms specifically

direct that all Federal, State, and local taxes, surcharges, and/or adjustments billed to consumers are to be included. However, sales and other taxes itemized on consumers' bills are sometimes excluded by the reporting utilities.

Delivered-to-consumers prices for 1987-1992 represent natural gas delivered and sold to residential, commercial, industrial, and electric utility consumers. They do not include the price of natural gas delivered to industrial and commercial consumers on behalf of third parties. Volumes of natural gas delivered on behalf of third parties are included in the consumption data shown in Table 4.4. Additional information is available in the EIA *Natural Gas Monthly*, Appendix C.

Sources:

Table 9.1

Annual data: • **Domestic First Purchase Price, 1973-1976**—U.S. Department of the Interior (DOI), Bureau of Mines (BOM), *Minerals Yearbook*, "Crude Petroleum and Petroleum Products" chapter. **1977**—Federal Energy Administration (FEA), based on Form FEA-P124, "Domestic Crude Oil Purchaser's Monthly Report." **1978-1992**—Energy Information Administration (EIA), *Petroleum Marketing Annual 1992*, Table 1.

• **F.O.B. and Landed Cost of Imports, 1973-1976**—FEA, based on Form FEA-F701-M-0, "Transfer Pricing Report." **1977**—January-September—FEA, based on Form FEA-F701-M-0, "Transfer Pricing Report." October-December—EIA, based on Form FEA-F701-M-0, "Transfer Pricing Report." **1978-1992**—*Petroleum Marketing Annual 1992*, Table 1.

• **Refiner Acquisition Cost, 1973**—EIA estimates. The domestic price was derived by adding estimated transportation costs to the reported domestic first purchase price. The imported price was derived by adding an estimated ocean transport cost to the average "Free Alongside Ship" value published by the U.S. Bureau of the Census. **1974-1976**—DOI, BOM, *Minerals Yearbook*, "Crude Petroleum and Petroleum Products" chapter. **1977**—January-September—FEA, based on Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report." October-December—EIA, based on Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report." **1978-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 1.

Monthly data: • **Domestic First Purchase Price, 1974-January 1976**—FEA, Form FEA-90, "Crude Petroleum Production Monthly Report." **February 1976-September 1979**—FEA, Form FEA-P124, "Domestic Crude Oil Purchaser's Monthly Report." **October 1979-November 1980**—Economic Regulatory Administration (ERA),

Form FEA-P124, "Domestic Crude Oil Purchaser's Monthly Report." **December 1980-1982**—ERA, Form ERA-182, "Domestic Crude Oil First Purchaser's Report." **1983 and 1984**—EIA, Form EIA-182, "Domestic Crude Oil First Purchase Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 1. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 1. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 1.

- **F.O.B. and Landed Cost of Imports, October 1973-September 1977**—FEA, Form FEA-F701-M-0, "Transfer Pricing Report." **October 1977-January 1979**—EIA, Form FEA-F701-M-0, "Transfer Pricing Report." **February 1979-September 1982**—EIA, Form ERA-51, "Transfer Pricing Report." **October 1982-June 1984**—EIA, Form EP-51, "Monthly Foreign Crude Oil Transaction Report." **July-December 1984**—EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 1. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 1. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 1.

- **Refiner Acquisition Cost, 1974-January 1976**—FEA, Form FEO-96, "Monthly Cost Allocation Report." **February 1976-September 1977**—FEA, Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report." **October 1977-June 1978**—EIA, Form FEA-P110-M-1, "Refiners' Monthly Cost Allocation Report." **July 1978-1980**—EIA, Form ERA-49, "Domestic Crude Oil Entitlements Program Refiners Monthly Report." **1981-1984**—EIA, Form EIA-14, "Refiners' Monthly Cost Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 1. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 1. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 1.

Table 9.2

- **Annual data: 1973-1977**—Average of the monthly prices, including withheld values, weighted by volume. **1978-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 21.

- **Monthly data: October 1973-September 1977**—FEA, Form FEA-F701-M-0, "Transfer Pricing Report." **October 1977-January 1979**—EIA, Form FEA-F701-M-0, "Transfer Pricing Report." **February 1979-September 1982**—EIA, Form ERA-51, "Transfer Pricing Report." **October 1982-June 1984**—EIA, Form EP-51, "Monthly Foreign Crude Oil Transaction Report." **July-December 1984**—EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 21. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 21. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 21.

Table 9.3

- **Annual data: 1973-1977**—Average of the monthly prices, including withheld values, weighted by volume. **1978-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 22.

- **Monthly data: October 1973-September 1977**—FEA, Form FEA-F701-M-0, "Transfer Pricing Report." **October 1977-January 1979**—EIA, Form FEA-F701-M-0, "Transfer Pricing Report." **February 1979-September 1982**—EIA, Form ERA-51, "Transfer Pricing Report." **October 1982-June 1984**—EIA, Form EP-51, "Monthly Foreign Crude Oil Transaction Report." **July-December 1984**—EIA, Form EIA-856, "Monthly Foreign Crude Oil Acquisition Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 22. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 22. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 22.

Table 9.4

- **Annual data: Leaded Regular, 1973**—*Platt's Oil Price Handbook and Oilmanac*, 1974, 51st Edition. **All Others:** Calculated by the EIA as the simple averages of monthly data.

- **Monthly data:** U.S. Department of Labor, Bureau of Labor Statistics (BLS), *Consumer Prices: Energy*, monthly, except for leaded regular prices in January 1983; unleaded regular prices for September 1982, January and March 1983, and September 1988; unleaded premium for September 1981-December 1982; and all types prices for September 1982, January 1983, and October 1988, which include revisions from the BLS database.

Table 9.5a

- **Annual data:** Averages of the monthly prices, weighted by volume.

- **Monthly data: July 1975-June 1977**—FEA, *Monthly Petroleum Product Price Report*, Table 1. **July 1977-1982**—EIA, *Monthly Petroleum Product Price Report*, Table 3.

Table 9.5b

- **Annual data:** EIA, *Petroleum Marketing Annual 1992*, Table 17.

- **Monthly data: 1982**—EIA estimates; see Note 6. **1983 and 1984**—EIA, Form EIA-782A, "Refiners' / Gas Plant Operators' Monthly Petroleum Product Sales Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 17. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 17. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 17.

Table 9.6a

- **Annual data:** Averages of the monthly prices, weighted by volume.
- **Monthly data: July 1975-June 1977**—FEA, *Monthly Petroleum Product Price Report*, Table 1. **July 1977-1982**—EIA, *Monthly Petroleum Product Price Report*, tables as listed:

Series	Table
Finished Aviation Gasoline	4
Kerosene-Type Jet Fuel	4
Kerosene	5
No. 2 Fuel Oil	2
No. 2 Diesel Fuel	2
Propane	7

Table 9.6b

- **Annual data:** EIA, *Petroleum Marketing Annual 1992*, Table 4.
- **Monthly data: 1982**—EIA estimates; see Note 6. **1983 and 1984**—EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 4. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 4. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 4.

Table 9.7a

- **Annual data:** Averages of the monthly prices, weighted by volume.
- **Monthly data: July 1975-June 1977**—FEA, *Monthly Petroleum Product Price Report*, Table 1. **July 1977-1982**—EIA, *Monthly Petroleum Product Price Report*, tables as listed:

Series	Table
Finished Aviation Gasoline	4
Kerosene-Type Jet Fuel	4
Kerosene	5
No. 2 Fuel Oil	2
No. 2 Diesel Fuel	2
Propane	7

Table 9.7b

- **Annual data:** EIA, *Petroleum Marketing Annual 1992*, Table 2.
- **Monthly data: 1982**—EIA estimates; see Note 6. **1983 and 1984**—EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 4. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 2. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 2.

Table 9.8 (a,b, and c)

- **Annual data:** EIA, *Petroleum Marketing Annual 1992*, Table 16.
- **Monthly data: 1982**—EIA estimates using data from Form FEA-302-M-1/EIA-460, "Petroleum Industry Report for Product Prices." See Note 6. **1983 and 1984**—EIA, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report." **1985 and 1986**—EIA, *Petroleum Marketing Monthly*, December 1987, Table 14. **1987-1989**—EIA, *Petroleum Marketing Annual 1989*, Table 16. **1990-1992**—EIA, *Petroleum Marketing Annual 1992*, Table 16.

Table 9.9

- **Annual Series: 1984-1987**—EIA, *Electric Power Annual 1988*, Table 18. **1988-1992**—EIA, *Electric Power Annual 1992*, Table 25.
- **Monthly Series—Monthly data: July 1976-February 1980**—EIA, *Energy Data Reports*, "Financial Statistics of Electric Utilities and Interstate Natural Gas Pipeline Companies." **March 1980-October 1981**—EIA, *Energy Data Reports*, "Sales, Revenue, and Income of Electric Utilities." **November 1981-1992**—EIA, *Electric Power Monthly*. **Annual data: 1973-1975**—EIA, "Statistics of Privately Owned Electric Utilities in the United States 1976," Table 13. **1976-1992**—Sum of the monthly revenue divided by the sum of the monthly sales.

Table 9.10

- **Annual data: Quantity**—Sum of unrounded monthly values. **Cost**—Average of monthly values, weighted by quantities of Btu.
- **Monthly data: 1973-May 1977**—Federal Power Commission (FPC), Form FPC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants." **June-December 1977**—Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants." **1978-1982**—EIA, Form FERC-423, "Monthly Report on Cost and Quality of Fuels for Electric Utility Plants." **1983-1985**—EIA, *Electric Power Monthly*, Table 1. **1986-1992**—EIA, *Electric Power Monthly*, Table 2.

Table 9.11

- **Annual Data: Wellhead, 1973-1987**—EIA, *Natural Gas Annual 1992*, Volume 1, Table 95. **Major Interstate Pipeline Companies, 1974-1977**—Calculated from revenue and sales data reported to the FPC on Form FPC-11, "Natural Gas Pipeline Company Monthly Statement." **Major Interstate Pipeline Companies, 1978-1983**—EIA, *Natural Gas Monthly*, December 1984, Table 10. **Major Interstate Pipeline Companies, 1984-1987**—EIA, *Natural Gas Monthly*, December 1989, Table

4. **City Gate, 1984-1987**—EIA, *Natural Gas Monthly*, December 1989, Table 4. **Delivered to Consumers**—EIA, *Natural Gas Annual 1992*, Volume 1, Table 98. **All Series, 1988-1992**—EIA, *Natural Gas Monthly*, April 1994, Table 4.

• **Monthly Data: Wellhead, 1976-1979**—Based on preliminary estimates reported by Mississippi, New Mexico, Oklahoma, and Texas and revised after publication of the *Natural Gas Annual*. **Major Interstate Pipeline Companies, 1974-1979**—FPC, Form FPC-11, "Natural Gas Pipeline Company Monthly Statement." **Residential, 1981**—EIA, *Monthly Energy Review*, December 1983(1). **Residential, January-September 1983**—*Natural Gas Monthly*, April 1985, Table 10. **Electric Utilities, 1979**—EIA, Form FPC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." **All Series, 1980-1992** (except Residential, 1981 and

January-September 1983, which are cited above)—EIA, *Natural Gas Monthly*, issues and tables as listed, and revisions from the Natural Gas Office data systems:

Data	Issue	Table
1980	April 1983	10
1981	November 1983	10
1982	January 1985	10
1983	December 1985	4
1984	December 1986	4
1985	January 1988	4
1986	January 1989	4
1987	January 1990	4
1988	March 1991	4
1989	December 1991	4
1990	December 1992	4
1991	June 1993	4
1992	April 1994	4

Section 10

International Energy



An exploratory rig drills for oil at a wildcat well in Oman.

Table 10.1a World Crude Oil Production, 1973-1992: Algeria Through Venezuela

(Thousand Barrels per Day)

	Algeria	Iraq	Kuwait ^a	Libya	Qatar	Saudi Arabia ^a	United Arab Emirates	Arab OPEC ^b	Indonesia	Iran	Nigeria	Venezuela
1973												
January	1,142	1,527	3,768	2,293	581	6,876	1,416	17,603	1,157	5,808	1,936	3,272
February	1,142	1,687	3,340	2,250	613	7,194	1,597	17,823	1,197	5,835	1,944	3,309
March	1,142	2,044	2,753	2,287	604	7,481	1,548	17,859	1,216	5,832	1,933	3,330
April	1,142	2,152	2,699	2,318	591	7,359	1,602	17,863	1,258	5,769	1,963	3,360
May	1,153	2,117	2,827	2,251	586	8,316	1,613	18,863	1,364	5,842	1,957	3,426
June	1,153	2,051	2,857	2,276	560	7,553	1,537	17,987	1,390	5,826	2,007	3,383
July	1,142	2,099	3,283	2,176	606	8,682	1,613	19,601	1,373	5,873	2,000	3,391
August	1,142	2,091	3,012	2,096	568	8,423	1,674	19,006	1,395	5,701	2,110	3,396
September	1,142	2,166	3,483	2,273	609	8,532	1,660	19,865	1,390	5,792	2,112	3,406
October	1,059	1,846	3,060	2,370	600	7,796	1,669	18,400	1,447	5,977	2,200	3,381
November	914	2,203	2,617	1,756	474	6,267	1,297	15,528	1,432	6,008	2,210	3,395
December	893	2,215	2,558	1,759	456	6,614	1,171	15,666	1,441	6,070	2,266	3,340
Average	1,097	2,018	3,020	2,175	570	7,596	1,533	18,009	1,339	5,861	2,054	3,366
1974												
January	1,046	1,994	2,839	2,007	517	7,513	1,388	17,304	1,431	6,100	2,194	3,284
February	1,067	1,975	2,850	1,921	516	7,796	1,511	17,636	1,416	6,154	2,194	3,230
March	1,067	1,986	2,842	1,859	517	8,131	1,736	18,138	1,421	6,122	2,299	3,189
April	1,089	2,164	2,837	1,713	518	8,654	1,854	18,829	1,480	6,172	2,284	3,053
May	1,089	1,753	2,846	1,926	518	9,014	1,856	19,002	1,510	6,179	2,259	2,939
June	1,035	1,851	2,870	1,753	519	8,885	1,821	18,734	1,469	6,060	2,345	2,953
July	980	1,905	2,287	1,564	519	8,783	1,933	17,971	1,431	6,061	2,205	2,949
August	1,035	1,938	2,069	1,258	515	8,275	1,779	16,869	1,332	5,953	2,308	2,868
September	980	1,871	2,226	1,309	514	8,763	1,704	17,367	1,332	5,833	2,321	2,778
October	980	1,991	2,061	1,056	524	9,052	1,489	17,153	1,234	5,717	2,334	2,818
November	871	1,921	2,547	949	518	8,812	1,530	17,148	1,234	6,012	2,247	2,826
December	871	2,301	2,321	963	518	8,053	1,536	16,563	1,214	5,912	2,071	2,841
Average	1,009	1,971	2,546	1,521	518	8,480	1,679	17,724	1,375	6,022	2,255	2,976
1975												
January	786	2,066	2,030	956	512	7,839	1,088	15,277	1,333	5,544	1,991	2,747
February	786	1,941	2,155	894	500	6,754	1,007	14,037	1,338	5,900	1,807	2,565
March	1,010	2,093	2,321	928	428	6,550	1,424	14,754	1,193	5,513	1,718	2,535
April	1,010	2,414	2,143	1,071	515	5,917	1,660	14,730	1,219	5,456	1,535	2,490
May	898	2,364	1,924	1,271	469	6,989	1,678	15,593	1,100	5,094	1,551	2,394
June	1,010	2,261	2,222	1,494	329	6,818	1,897	16,031	1,258	5,126	1,621	2,439
July	1,010	2,377	2,106	2,067	261	6,980	2,023	16,825	1,326	5,437	1,631	2,336
August	1,010	2,390	1,956	2,061	411	8,208	1,829	17,866	1,372	5,508	1,760	2,285
September	1,010	2,541	2,708	1,763	279	8,407	1,834	18,543	1,376	6,104	1,926	2,316
October	1,010	2,485	1,579	1,625	393	5,869	1,632	14,593	1,356	4,730	1,914	2,244
November	1,122	2,120	1,785	1,760	554	6,947	2,010	16,299	1,410	4,995	1,956	2,045
December	1,122	2,070	2,099	1,818	608	7,585	1,845	17,148	1,408	4,854	1,986	1,771
Average	983	2,262	2,084	1,480	438	7,075	1,664	15,985	1,307	5,350	1,783	2,346
1976												
January	1,071	2,044	1,806	1,748	496	7,464	1,902	16,530	1,425	4,940	1,996	1,675
February	1,071	2,245	2,004	1,829	482	7,969	1,902	17,501	1,456	5,018	2,067	2,002
March	1,071	2,413	1,758	1,853	508	8,365	1,872	17,839	1,521	5,744	2,015	2,289
April	1,071	1,609	1,888	1,921	496	8,270	1,873	17,127	1,528	5,502	2,061	2,401
May	1,071	1,385	1,642	1,958	507	8,450	1,874	16,886	1,513	5,600	2,079	2,410
June	1,071	2,011	1,848	1,981	505	8,526	1,944	17,885	1,478	6,102	2,092	2,371
July	1,017	2,402	1,851	1,989	502	8,971	1,947	18,678	1,498	5,576	2,046	2,481
August	1,017	2,681	1,897	2,013	528	8,738	1,962	18,835	1,511	5,823	1,934	2,447
September	1,017	2,681	2,378	2,008	466	8,323	1,979	18,851	1,496	6,461	2,044	2,429
October	1,071	2,904	2,652	1,987	474	9,236	2,024	20,347	1,539	6,507	2,110	2,364
November	1,178	3,239	2,691	1,885	489	9,394	1,954	20,829	1,501	6,677	2,177	2,264
December	1,178	3,351	3,325	2,020	510	9,185	1,998	21,566	1,581	6,630	2,187	2,388
Average	1,075	2,415	2,145	1,933	497	8,577	1,936	18,579	1,504	5,883	2,067	2,294
1977												
January	1,230	2,000	1,480	2,038	460	8,609	1,924	17,741	1,629	5,059	2,193	2,380
February	1,230	2,631	2,015	2,072	407	9,634	2,038	20,027	1,701	6,052	2,192	2,332
March	1,195	2,421	1,981	2,068	496	9,890	2,003	20,054	1,701	6,275	2,254	2,367
April	1,230	2,210	2,046	2,129	431	10,198	2,058	20,302	1,701	5,412	2,254	2,180
May	1,118	2,316	1,488	2,138	390	8,507	2,044	18,001	1,696	5,741	2,206	2,125
June	1,118	2,316	1,660	2,093	415	9,634	2,034	19,270	1,699	5,104	2,096	2,230
July	1,006	2,105	1,603	1,896	398	9,839	2,040	18,887	1,698	4,713	2,061	2,209
August	1,006	2,105	1,846	2,120	512	8,711	1,927	18,227	1,677	5,660	2,016	2,284
September	1,006	2,526	2,397	2,044	332	8,711	1,994	19,010	1,670	5,972	2,023	2,366
October	1,230	2,526	1,921	2,115	530	8,711	2,016	19,049	1,639	5,531	1,946	2,350
November	1,230	2,526	2,466	2,075	486	8,968	1,928	19,679	1,708	6,086	1,915	2,074
December	1,230	2,526	2,751	1,972	476	9,583	1,987	20,525	1,720	6,385	1,872	1,965
Average	1,152	2,348	1,969	2,063	445	9,245	1,999	19,221	1,686	5,663	2,085	2,238

See footnotes at end of table.

Table 10.1a World Crude Oil Production, 1973-1992: Algeria Through Venezuela
(Continued)

(Thousand Barrels per Day)

	Algeria	Iraq	Kuwait ^a	Libya	Qatar	Saudi Arabia ^a	United Arab Emirates	Arab OPEC ^b	Indonesia	Iran	Nigeria	Venezuela
1978												
January	1,125	2,047	1,757	1,761	456	7,828	1,733	16,707	1,693	5,327	1,620	1,802
February	1,125	2,437	1,774	1,802	483	8,446	1,878	17,945	1,698	5,567	1,549	1,640
March	1,125	2,437	2,181	1,884	428	7,725	1,854	17,634	1,698	5,639	1,505	2,085
April	1,125	2,437	2,033	1,877	515	8,034	1,761	17,782	1,677	5,648	1,862	2,251
May	1,125	2,340	1,890	1,924	381	7,313	1,876	16,849	1,691	5,742	1,702	2,038
June	1,125	2,340	1,984	1,991	456	7,519	1,848	17,263	1,642	5,801	1,975	2,372
July	1,125	2,340	1,978	2,094	486	7,416	1,834	17,273	1,570	5,842	1,893	2,309
August	1,378	2,583	2,394	2,024	547	7,107	1,839	17,872	1,608	5,846	2,038	2,206
September	1,378	2,827	2,637	2,014	517	8,343	1,834	19,550	1,579	6,093	2,086	2,275
October	1,378	2,924	2,091	2,046	510	9,270	1,840	20,059	1,603	5,528	2,091	2,328
November	1,378	3,022	2,682	2,171	477	10,249	1,832	21,811	1,583	5,517	2,252	2,272
December	1,378	3,022	2,163	2,194	588	10,403	1,844	21,592	1,582	2,387	2,176	2,367
Average	1,231	2,563	2,131	1,983	487	8,301	1,831	18,525	1,635	5,242	1,897	2,165
1979												
January	1,223	3,325	2,616	2,125	556	9,789	1,832	21,465	1,593	729	2,423	2,342
February	1,362	3,325	2,616	2,165	556	9,789	1,830	21,642	1,611	729	2,423	2,342
March	1,362	3,325	2,275	2,174	369	9,789	1,819	21,112	1,622	2,448	2,430	2,422
April	1,362	3,325	2,559	2,090	544	8,758	1,748	20,385	1,605	4,167	2,411	2,380
May	1,362	3,325	2,616	2,056	544	8,758	1,859	20,519	1,593	4,063	2,445	2,377
June	1,362	3,527	2,616	2,049	458	8,758	1,860	20,629	1,607	4,063	2,395	2,246
July	1,112	3,527	2,587	2,053	521	9,789	1,836	21,424	1,601	3,958	2,346	2,326
August	1,112	3,527	2,559	2,021	535	9,789	1,831	21,373	1,592	3,646	2,326	2,324
September	1,112	3,527	2,502	2,061	455	9,789	1,838	21,283	1,571	3,646	2,112	2,358
October	1,112	3,527	2,445	2,063	490	9,789	1,784	21,209	1,568	3,958	2,026	2,354
November	1,112	3,728	2,388	2,130	528	9,789	1,866	21,540	1,568	3,438	2,146	2,389
December	1,112	3,728	2,235	2,124	544	9,789	1,874	21,405	1,563	3,021	2,147	2,407
Average	1,224	3,477	2,500	2,092	508	9,532	1,831	21,163	1,591	3,168	2,302	2,356
1980												
January	1,306	3,336	2,216	2,103	502	9,767	1,740	20,970	1,564	2,605	2,147	2,281
February	1,306	3,336	2,440	2,103	457	9,767	1,737	21,146	1,553	2,832	2,147	2,206
March	1,306	3,336	2,122	2,003	498	9,767	1,697	20,729	1,575	2,265	2,153	1,989
April	1,088	3,336	1,541	1,752	498	9,767	1,706	19,688	1,553	2,039	2,186	2,052
May	1,088	3,336	1,480	1,702	477	9,767	1,762	19,612	1,551	1,472	2,138	2,047
June	1,088	3,336	1,579	1,702	441	9,767	1,746	19,659	1,575	1,699	2,192	2,060
July	980	3,240	1,335	1,682	460	9,767	1,710	19,174	1,560	1,699	2,098	2,171
August	980	3,240	1,374	1,692	468	9,767	1,665	19,186	1,569	1,472	2,047	2,211
September	980	2,764	1,258	1,682	461	9,767	1,671	18,583	1,579	1,246	1,598	2,191
October	1,088	143	1,318	1,667	440	10,199	1,671	16,526	1,586	510	1,877	2,228
November	1,088	286	1,438	1,682	475	10,414	1,695	17,078	1,622	793	2,059	2,231
December	980	524	1,797	1,682	483	10,281	1,706	17,453	1,636	1,359	2,016	2,351
Average	1,106	2,514	1,656	1,787	472	9,900	1,709	19,144	1,577	1,662	2,055	2,168
1981												
January	1,111	436	1,837	1,652	507	10,180	1,579	17,301	1,632	1,243	2,092	2,214
February	1,111	763	1,550	1,704	482	10,180	1,564	17,353	1,622	1,554	1,943	2,189
March	1,111	1,046	1,515	1,642	507	9,976	1,568	17,364	1,634	1,864	1,868	2,229
April	1,049	872	959	1,652	513	10,180	1,619	16,843	1,616	1,657	1,623	2,194
May	1,049	1,019	1,019	1,446	436	10,180	1,486	16,634	1,614	1,657	1,293	2,169
June	987	1,090	1,079	1,136	342	10,180	1,397	16,210	1,608	1,450	1,350	1,985
July	987	981	1,234	723	378	10,282	1,377	15,961	1,604	1,450	773	1,755
August	987	1,090	755	620	295	10,384	1,443	15,573	1,593	1,243	707	1,955
September	925	1,090	809	620	363	9,264	1,426	14,497	1,589	1,243	1,061	2,092
October	925	1,090	959	723	363	9,671	1,440	15,170	1,589	932	1,250	1,975
November	925	1,199	929	774	340	8,653	1,331	14,151	1,574	1,036	1,460	2,224
December	864	1,308	875	1,033	342	8,653	1,463	14,538	1,582	1,243	1,820	2,254
Average	1,002	1,000	1,125	1,140	405	9,815	1,474	15,961	1,605	1,380	1,433	2,102
1982												
January	916	1,439	864	860	402	8,659	1,407	14,547	1,469	1,219	1,745	1,989
February	916	1,550	864	669	374	8,353	1,399	14,125	1,444	1,108	1,406	1,734
March	844	1,218	741	669	309	7,335	1,378	12,494	1,484	1,330	937	1,834
April	903	886	679	765	231	6,621	1,246	11,331	1,239	1,663	884	1,533
May	942	886	741	860	321	6,010	1,197	10,957	1,235	2,217	1,314	1,503
June	982	886	803	1,147	407	6,621	1,228	12,074	1,301	2,438	1,656	1,513
July	982	886	864	1,243	274	6,316	1,228	11,793	1,295	2,438	1,265	1,844
August	903	886	988	1,243	340	6,010	1,228	11,598	1,235	2,549	1,111	1,964
September	1,047	886	864	1,434	286	5,603	1,228	11,348	1,295	2,549	1,170	1,994
October	1,178	886	864	1,625	380	5,603	1,228	11,764	1,367	2,771	1,489	2,165
November	1,178	886	864	1,625	309	5,603	1,228	11,693	1,395	3,103	1,361	2,305
December	1,047	886	741	1,625	327	5,195	1,017	10,838	1,315	3,103	1,209	2,338
Average	987	1,012	823	1,150	330	6,483	1,250	12,035	1,339	2,214	1,295	1,895

See footnotes at end of table.

Table 10.1a World Crude Oil Production, 1973-1992: Algeria Through Venezuela
(Continued)

(Thousand Barrels per Day)

	Algeria	Iraq	Kuwait ^a	Libya	Qatar	Saudi Arabia ^a	United Arab Emirates	Arab OPEC ^b	Indonesia	Iran	Nigeria	Venezuela
1983												
January	1,005	850	780	1,130	255	4,950	1,062	10,032	1,188	2,716	880	2,098
February	855	850	895	925	200	3,510	1,062	8,297	984	2,414	675	1,791
March	855	900	965	925	170	3,910	1,037	8,762	1,144	2,213	905	2,093
April	1,005	950	880	1,030	260	3,930	1,147	9,202	1,358	2,012	1,150	1,726
May	855	1,000	1,030	1,130	275	4,725	1,177	10,192	1,358	2,313	1,625	1,695
June	1,005	1,000	920	1,130	300	4,620	1,182	10,157	1,358	2,514	1,535	1,700
July	1,005	1,050	1,086	1,130	300	5,536	1,177	11,284	1,445	2,816	1,710	1,705
August	1,005	1,100	1,181	1,130	265	5,931	1,187	11,799	1,445	2,514	1,300	1,741
September	1,005	1,050	1,376	1,180	310	6,026	1,187	12,134	1,425	2,716	1,220	1,736
October	1,005	1,100	1,305	1,180	320	6,005	1,167	12,082	1,474	2,414	1,290	1,750
November	1,005	1,150	1,265	1,180	460	5,915	1,197	12,172	1,513	2,313	1,245	1,781
December	1,005	1,050	1,075	1,180	420	5,825	1,197	11,752	1,396	2,313	1,310	1,786
Average	968	1,005	1,064	1,105	295	5,086	1,149	10,672	1,343	2,440	1,241	1,801
1984												
January	1,033	1,100	1,080	1,100	445	5,130	1,200	11,088	1,415	2,200	1,335	1,825
February	954	1,000	1,240	1,100	315	5,040	1,200	10,849	1,515	2,300	1,530	1,800
March	954	1,200	1,293	1,100	440	4,843	1,205	11,035	1,505	2,400	1,525	1,800
April	954	1,200	1,250	1,200	400	5,150	1,205	11,359	1,512	2,200	1,270	1,800
May	1,033	1,200	1,200	1,200	400	5,000	1,200	11,233	1,415	1,700	1,270	1,825
June	1,113	1,200	1,200	1,250	500	5,450	1,225	11,938	1,465	2,200	1,370	1,790
July	1,033	1,200	1,110	1,100	430	5,010	1,090	10,973	1,340	2,400	1,175	1,845
August	1,033	1,300	1,220	1,000	400	4,520	990	10,463	1,360	1,800	1,125	1,805
September	1,033	1,300	1,183	1,000	480	4,133	1,110	10,239	1,350	1,900	1,370	1,835
October	1,033	1,200	1,129	1,000	380	4,129	1,060	9,931	1,375	2,100	1,565	1,785
November	1,033	1,300	990	1,000	280	3,990	1,060	9,653	1,300	2,400	1,565	1,710
December	954	1,300	990	1,000	260	3,590	1,210	9,304	1,395	2,500	1,565	1,755
Average	1,014	1,209	1,157	1,087	394	4,663	1,146	10,670	1,412	2,174	1,388	1,798
1985												
January	1,032	1,250	1,118	1,000	270	3,510	1,100	9,280	1,380	1,942	1,423	1,673
February	1,064	1,250	1,133	1,000	290	4,025	1,160	9,922	1,401	2,147	1,718	1,678
March	1,112	1,200	1,092	1,000	315	3,835	1,215	9,770	1,369	2,249	1,728	1,683
April	1,048	1,370	977	1,000	260	3,470	1,215	9,340	1,369	2,351	1,626	1,678
May	1,048	1,300	946	1,100	290	2,590	1,160	8,435	1,264	2,045	1,474	1,688
June	967	1,370	926	980	300	2,420	1,100	8,064	1,106	2,249	1,118	1,673
July	967	1,450	946	910	320	2,740	1,155	8,489	1,369	2,249	1,016	1,673
August	967	1,400	946	910	320	2,340	1,200	8,084	1,369	2,453	1,220	1,673
September	1,048	1,600	987	1,100	295	2,980	1,285	9,295	1,264	2,249	1,474	1,673
October	1,048	1,650	1,062	1,200	320	3,910	1,255	10,446	1,327	2,351	1,728	1,673
November	1,096	1,700	1,057	1,200	300	4,200	1,250	10,803	1,369	2,249	1,789	1,678
December	1,048	1,650	1,087	1,300	335	4,680	1,225	11,326	1,317	2,453	1,646	1,683
Average	1,037	1,433	1,023	1,059	301	3,388	1,193	9,434	1,325	2,250	1,495	1,677
1986												
January	1,023	1,650	1,115	1,100	333	4,310	1,179	10,711	1,458	2,275	1,197	1,730
February	866	1,650	1,315	900	301	4,551	1,369	10,952	1,335	2,166	1,397	1,730
March	944	1,650	1,516	900	324	3,972	1,321	10,627	1,335	1,950	1,597	1,730
April	944	1,500	1,521	900	167	4,556	1,274	10,862	1,376	2,166	1,697	1,730
May	944	1,710	1,511	1,100	333	4,208	1,416	11,223	1,463	2,275	1,597	1,730
June	944	1,800	1,651	1,200	398	5,068	1,511	12,572	1,386	2,275	1,536	1,755
July	944	1,800	1,806	1,150	371	5,700	1,511	13,281	1,381	2,220	1,552	1,770
August	944	1,800	1,734	1,150	371	6,209	1,539	13,747	1,461	1,841	1,761	2,115
September	944	1,800	1,118	990	259	4,651	1,274	11,037	1,345	1,625	1,297	1,760
October	944	1,800	1,130	1,000	278	4,855	1,283	11,291	1,360	1,625	1,322	1,750
November	944	1,605	1,350	1,000	278	5,164	1,132	11,474	1,406	1,841	1,322	1,780
December	944	1,510	1,250	1,000	278	5,164	1,151	11,298	1,365	2,166	1,322	1,855
Average	945	1,690	1,419	1,034	308	4,870	1,330	11,596	1,390	2,035	1,467	1,787
1987												
January	1,010	1,650	1,456	950	275	4,004	1,235	10,581	1,311	2,463	1,291	1,671
February	1,010	1,670	1,357	950	241	3,868	1,215	10,312	1,281	2,368	1,191	1,671
March	1,010	1,700	1,287	850	193	3,300	1,195	9,536	1,296	2,368	1,281	1,807
April	1,010	1,900	1,310	925	145	4,030	1,235	10,556	1,311	2,179	1,183	1,701
May	1,010	1,900	1,269	930	270	4,197	1,265	10,842	1,332	2,463	1,348	1,726
June	1,010	2,000	1,374	950	338	4,238	1,435	11,346	1,332	2,368	1,413	1,766
July	1,085	1,950	2,063	1,100	434	4,602	1,605	12,841	1,362	2,368	1,413	1,887
August	1,085	2,200	2,063	1,200	405	4,755	1,855	13,565	1,485	2,558	1,401	1,796
September	1,085	2,300	2,026	900	319	4,653	1,995	13,279	1,342	1,989	1,351	1,746
October	1,085	2,500	1,601	1,000	309	4,638	1,895	13,029	1,352	2,273	1,401	1,751
November	1,085	2,550	1,619	950	290	4,248	1,895	12,637	1,352	2,084	1,451	1,746
December	1,085	2,600	1,572	950	290	4,612	1,645	12,755	1,352	2,084	1,351	1,746
Average	1,048	2,079	1,585	972	293	4,265	1,541	11,783	1,343	2,298	1,341	1,752

See footnotes at end of table.

Table 10.1a World Crude Oil Production, 1973-1992: Algeria Through Venezuela (Continued)

(Thousand Barrels per Day)

	Algeria	Iraq	Kuwait ^a	Libya	Qatar	Saudi Arabia ^a	United Arab Emirates	Arab OPEC ^b	Indonesia	Iran	Nigeria	Venezuela
1988												
January	990	2,588	1,373	1,147	363	4,155	1,174	11,791	1,278	2,082	1,360	1,853
February	1,030	2,639	1,239	1,147	427	4,322	1,028	11,833	1,278	1,983	1,410	1,853
March	1,050	2,689	1,244	1,147	318	4,332	1,223	12,005	1,329	2,082	1,360	1,853
April	1,010	2,689	1,342	1,086	318	4,470	1,389	12,305	1,379	2,181	1,415	1,853
May	1,040	2,639	1,249	1,147	318	4,484	1,369	12,247	1,379	2,181	1,465	1,853
June	1,040	2,740	1,456	1,147	323	4,582	1,369	12,659	1,379	2,082	1,465	1,853
July	1,040	2,639	1,420	1,147	323	4,641	1,394	12,604	1,379	2,280	1,410	1,853
August	1,040	2,639	1,621	1,147	323	5,177	1,857	13,804	1,379	2,280	1,460	1,853
September	1,040	2,740	1,714	1,203	323	5,314	1,915	14,250	1,278	2,380	1,515	1,928
October	1,040	2,740	1,704	1,259	373	6,336	1,949	15,401	1,379	2,380	1,515	1,928
November	1,080	2,740	1,807	1,259	373	6,532	2,047	15,838	1,278	2,479	1,465	2,078
December	1,080	2,740	1,725	1,259	373	6,655	2,047	15,879	1,379	2,479	1,560	2,078
Average	1,040	2,685	1,492	1,175	346	5,086	1,565	13,389	1,342	2,240	1,450	1,903
1989												
January	1,085	2,720	1,237	1,102	389	4,918	1,647	13,098	1,401	2,748	1,474	1,862
February	1,085	2,720	1,336	1,102	408	4,673	1,566	12,889	1,401	2,797	1,474	1,862
March	1,085	2,720	1,375	1,102	330	4,515	1,590	12,718	1,401	3,141	1,626	1,862
April	1,085	2,823	1,677	1,154	321	4,914	1,618	13,592	1,401	2,846	1,677	1,862
May	1,085	2,823	1,984	1,154	398	5,022	1,618	14,084	1,401	2,454	1,677	1,862
June	1,085	2,772	2,083	1,154	408	4,825	1,875	14,201	1,401	2,748	1,778	1,913
July	1,105	2,926	1,885	1,154	389	4,923	1,823	14,204	1,384	2,748	1,879	1,875
August	1,105	3,080	1,885	1,154	389	5,022	1,861	14,494	1,434	2,945	1,778	1,926
September	1,105	2,977	1,885	1,154	389	5,219	2,046	14,774	1,384	2,797	1,778	1,926
October	1,105	3,080	1,885	1,154	389	5,317	2,141	15,070	1,434	2,896	1,677	1,977
November	1,105	3,028	2,073	1,207	369	5,701	2,236	15,718	1,434	2,748	1,879	1,977
December	1,105	3,080	2,068	1,207	384	5,696	2,283	15,821	1,434	2,846	1,879	1,977
Average	1,095	2,897	1,783	1,150	380	5,064	1,860	14,229	1,409	2,810	1,716	1,907
1990												
January	1,160	2,946	2,003	1,222	390	5,537	2,052	15,312	1,306	2,700	1,731	1,990
February	1,160	2,946	2,003	1,375	401	5,636	2,027	15,549	1,306	3,000	1,731	2,140
March	1,160	2,946	2,184	1,324	422	5,765	2,052	15,853	1,411	3,000	1,731	2,040
April	1,160	2,997	1,958	1,273	422	5,888	2,097	15,796	1,463	2,900	1,830	2,040
May	1,160	3,150	1,958	1,273	385	5,394	2,107	15,427	1,411	3,200	1,731	2,040
June	1,160	3,251	1,762	1,273	385	5,398	2,047	15,277	1,411	3,100	1,731	2,040
July	1,160	3,454	1,858	1,273	390	5,394	2,047	15,576	1,442	3,050	1,731	2,040
August	1,160	1,016	100	1,426	422	5,789	1,648	11,561	1,516	3,300	1,830	2,090
September	1,190	508	100	1,426	422	7,660	2,197	13,503	1,536	3,300	1,880	2,290
October	1,210	457	75	1,579	422	7,729	2,307	13,779	1,542	3,000	1,929	2,275
November	1,210	432	75	1,528	422	8,224	2,372	14,263	1,568	3,200	1,929	2,320
December	1,210	432	75	1,528	390	8,481	2,447	14,563	1,620	3,300	1,929	2,340
Average	1,175	2,040	1,175	1,375	406	6,410	2,117	14,698	1,462	3,088	1,810	2,137
1991												
January	1,230	256	51	1,500	366	8,075	2,448	13,925	1,608	3,179	1,906	2,396
February	1,230	0	0	1,500	407	8,134	2,472	13,743	1,608	3,278	1,906	2,396
March	1,230	0	0	1,450	407	7,936	2,496	13,519	1,608	3,378	1,906	2,396
April	1,230	205	0	1,450	407	7,341	2,496	13,129	1,608	3,278	1,906	2,346
May	1,230	358	0	1,450	407	7,341	2,301	13,088	1,608	3,278	1,906	2,346
June	1,230	358	76	1,450	407	8,085	2,301	13,908	1,608	3,278	1,858	2,346
July	1,230	410	167	1,450	407	8,407	2,301	14,373	1,658	3,378	1,858	2,346
August	1,230	410	198	1,450	407	8,397	2,301	14,393	1,608	3,378	1,906	2,346
September	1,230	410	304	1,500	407	8,332	2,292	14,475	1,559	3,278	1,906	2,346
October	1,230	410	436	1,500	407	8,382	2,379	14,744	1,510	3,278	1,809	2,396
November	1,230	410	507	1,550	386	8,372	2,443	14,898	1,559	3,278	1,906	2,396
December	1,230	410	527	1,550	324	8,571	2,409	15,020	1,559	3,477	1,930	2,446
Average	1,230	305	190	1,483	395	8,115	2,386	14,104	1,592	3,312	1,892	2,375
1992												
January	1,230	450	565	1,550	350	8,790	2,435	15,370	1,580	3,500	1,975	2,390
February	1,230	450	630	1,550	325	8,640	2,425	15,250	1,605	3,500	1,925	2,340
March	1,230	450	735	1,450	375	8,260	2,300	14,800	1,630	3,350	1,900	2,190
April	1,230	450	863	1,500	375	8,213	2,300	14,930	1,605	3,250	1,925	2,190
May	1,210	450	915	1,450	375	8,265	2,300	14,965	1,530	3,250	1,925	2,290
June	1,210	450	1,015	1,450	375	8,315	2,275	15,090	1,560	3,250	1,925	2,290
July	1,210	450	1,080	1,450	400	8,350	2,300	15,240	1,550	3,300	1,975	2,290
August	1,210	450	1,130	1,425	425	8,400	2,330	15,370	1,540	3,450	2,000	2,340
September	1,210	450	1,200	1,475	425	8,450	2,320	15,530	1,550	3,450	2,025	2,390
October	1,210	450	1,280	1,500	440	8,505	2,310	15,695	1,550	3,650	2,050	2,440
November	1,210	450	1,375	1,500	440	8,500	2,305	15,780	1,550	3,650	2,050	2,440
December	1,210	450	1,550	1,500	440	8,575	2,305	16,030	1,550	3,550	2,100	2,415
Average	1,217	450	1,029	1,483	396	8,438	2,325	15,338	1,566	3,429	1,982	2,334

^a Includes about one-half of the production in the Kuwait-Saudi Arabia Neutral Zone from 1973-July 1990 and from June 1991 on. Kuwaiti Neutral Zone output was discontinued following Iraq's invasion of Kuwait on August 2, 1990, but was resumed in June 1991. In 1992, Neutral Zone production by both Kuwait and Saudi Arabia totaled about 336 thousand barrels per day.

^b The Arab members of the Organization of Petroleum Exporting Countries (OPEC) are Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, and the United

Arab Emirates. Production in the Neutral Zone between Kuwait and Saudi Arabia is included in "Arab OPEC."

Notes: • Crude oil includes lease condensate but excludes natural gas plant liquids. • Annual averages may not equal average of months due to independent rounding. • Data for countries may not sum to totals due to independent rounding.

Sources: See end of section.

Table 10.1b World Crude Oil Production, 1973-1992: Total OPEC, Ecuador Through Market Economies, and World

(Thousand Barrels per Day)

	Total OPEC ^a	Ecuador ^a	Persian Gulf Nations ^b	Canada	China	Mexico	United Kingdom	United States	Former U.S.S.R.	Other ^c	Market Economies ^d	World
1973												
January	R 29,915	230	20,051	1,778	1,012	453	2	9,176	R 7,985	3,837	44,928	R 54,389
February	R 30,207	230	20,335	1,792	1,012	458	2	9,395	R 8,016	3,817	45,438	R 54,930
March	R 30,329	230	20,332	1,826	1,012	458	2	9,272	R 8,055	3,810	45,469	R 54,995
April	R 30,377	120	20,241	1,787	1,012	463	2	9,292	R 8,108	3,887	45,470	R 55,049
May	R 31,595	160	21,369	1,721	1,012	468	2	9,262	R 8,195	3,907	46,657	R 56,323
June	R 30,741	200	20,454	1,889	1,012	468	2	9,214	R 8,276	3,908	45,964	R 55,711
July	R 32,390	220	22,224	1,803	1,062	463	2	9,217	R 8,358	3,904	47,541	R 57,420
August	R 31,761	220	21,537	1,799	1,062	463	2	9,169	R 8,358	3,915	46,871	R 56,750
September ..	R 32,718	220	22,310	1,735	1,062	463	2	9,065	R 8,565	3,913	47,658	R 57,744
October	R 31,563	220	21,019	1,802	1,180	473	2	9,224	R 8,591	3,558	46,384	R 56,614
November ...	R 28,731	220	18,936	1,821	1,180	473	2	9,161	R 8,661	3,616	43,566	R 53,866
December ...	R 28,942	240	19,154	1,825	1,450	473	2	9,063	R 8,700	3,581	43,663	R 54,277
Average	R 30,779	209	20,668	1,798	1,090	465	2	9,208	R 8,324	3,804	45,805	R 55,679
1974												
January	R 30,495	240	20,420	1,676	1,165	497	2	8,934	R 8,701	3,765	45,146	R 55,474
February	R 30,817	240	20,870	1,675	1,165	497	2	9,142	R 8,593	3,812	45,723	R 55,943
March	R 31,363	250	21,401	1,709	1,165	533	2	8,965	R 8,701	3,688	46,047	R 56,375
April	R 32,024	255	22,265	1,644	1,165	543	2	8,954	R 8,778	3,746	46,705	R 57,110
May	R 32,073	240	22,231	1,573	1,219	543	2	8,911	R 8,884	3,834	46,714	R 57,279
June	R 31,748	240	22,072	1,528	1,219	589	2	8,780	R 8,943	3,810	46,224	R 56,858
July	R 30,790	100	21,554	1,522	1,219	615	2	8,780	R 8,952	3,786	45,122	R 55,765
August	R 29,566	120	20,594	1,493	1,219	594	2	8,699	R 8,792	3,817	43,819	R 54,302
September ..	R 29,845	125	20,977	1,467	1,219	594	2	8,443	R 9,133	4,013	44,017	R 54,841
October	R 29,468	105	20,901	1,451	1,625	615	2	8,611	R 9,110	4,026	43,806	R 55,013
November ...	R 29,673	70	21,406	1,334	1,625	615	2	8,569	R 9,180	4,020	43,811	R 55,088
December ...	R 28,818	145	20,707	1,544	1,761	615	2	8,527	R 9,159	4,026	43,204	R 54,596
Average	R 30,552	177	21,282	1,551	1,315	571	2	8,774	R 8,912	3,862	45,021	R 55,716
1975												
January	R 27,103	140	19,145	1,558	1,335	660	1	8,455	R 9,199	3,969	41,409	R 52,420
February	R 25,863	178	18,322	1,469	1,335	671	1	8,591	R 9,300	4,000	40,296	R 51,408
March	R 25,929	25	18,397	1,352	1,335	673	1	8,493	R 9,381	4,137	40,133	R 51,326
April	R 25,663	208	18,167	1,197	1,335	673	1	8,457	R 9,388	4,024	39,746	R 50,946
May	R 25,965	143	18,580	1,197	1,335	693	1	8,379	R 9,426	4,042	39,943	R 51,181
June	R 26,708	140	18,715	1,468	1,335	732	7	8,421	R 9,505	4,159	41,158	R 52,475
July	R 27,770	145	19,246	1,468	1,591	781	12	8,336	R 9,496	4,257	42,292	R 53,856
August	R 29,006	193	20,361	1,472	1,591	686	15	8,249	R 9,586	4,219	43,363	R 55,017
September ..	R 30,486	186	21,932	1,527	1,591	703	9	8,280	R 9,767	4,192	44,906	R 56,741
October	R 25,059	181	16,746	1,434	1,694	712	10	8,324	R 9,683	4,292	39,535	R 51,389
November ...	R 26,926	204	18,468	1,451	1,694	732	12	8,278	R 9,717	4,178	41,304	R 53,192
December ...	R 27,388	192	19,118	1,571	1,694	742	71	8,254	R 9,816	4,188	41,929	R 53,916
Average	R 26,994	161	18,934	1,430	1,490	705	12	8,375	R 9,523	4,139	41,338	R 52,828
1976												
January	R 26,777	175	18,710	1,288	1,667	774	117	8,232	R 9,742	4,361	41,242	R 53,133
February	R 28,270	185	19,679	1,217	1,516	774	117	8,231	R 9,876	4,379	42,691	R 54,565
March	R 29,632	215	20,719	1,203	1,541	774	127	8,232	R 9,970	4,233	43,934	R 55,927
April	R 28,831	200	19,698	1,117	1,667	785	142	8,077	R 9,901	4,185	42,855	R 54,905
May	R 28,697	205	19,519	1,328	1,667	805	188	8,125	R 9,948	4,177	43,043	R 55,140
June	R 30,137	115	20,997	1,451	1,667	852	203	8,094	R 10,137	4,294	44,664	R 56,950
July	R 30,509	115	21,309	1,259	1,667	857	259	8,127	R 10,039	4,461	45,105	R 57,293
August	R 30,783	200	21,688	1,244	1,667	857	259	8,111	R 10,107	4,471	45,443	R 57,699
September ..	R 31,511	220	22,348	1,262	1,667	857	307	8,150	R 10,161	4,461	46,286	R 58,596
October	R 33,099	200	23,859	1,360	1,768	878	330	8,063	R 10,244	4,449	47,897	R 60,391
November ...	R 33,680	215	24,506	1,347	1,768	878	406	8,080	R 10,254	4,327	48,451	R 60,955
December ...	R 34,581	210	25,061	1,683	1,768	878	482	8,061	R 10,336	4,463	49,876	R 62,462
Average	R 30,549	188	21,514	1,314	1,670	831	245	8,132	R 10,060	4,355	45,132	R 57,344
1977												
January	R 29,226	220	19,589	1,289	1,841	886	532	7,854	R 10,349	4,636	44,154	R 56,833
February	R 32,528	210	22,835	1,348	1,841	935	643	8,139	R 10,370	4,635	47,949	R 60,649
March	R 32,875	160	23,123	1,329	1,841	935	720	8,090	R 10,532	4,662	48,287	R 61,144
April	R 32,072	180	22,411	1,223	1,841	955	718	8,145	R 10,530	4,522	47,331	R 60,186
May	R 29,994	180	20,542	1,312	1,841	965	836	8,075	R 10,555	4,504	45,382	R 58,262
June	R 30,624	200	21,220	1,411	1,841	985	827	8,102	R 10,601	4,567	46,232	R 59,158
July	R 29,788	155	20,754	1,162	1,852	983	768	8,105	R 10,624	4,591	45,068	R 58,028
August	R 30,082	190	20,816	1,325	1,852	994	821	8,307	R 10,647	4,636	45,871	R 58,854
September ..	R 31,258	150	21,986	1,244	1,894	1,001	849	8,480	R 10,624	4,589	47,087	R 60,089
October	R 30,737	180	21,289	1,242	1,947	1,018	840	8,573	R 10,761	4,663	46,769	R 59,961
November ...	R 31,684	180	22,516	1,431	1,947	1,044	806	8,579	R 10,791	4,651	47,891	R 61,113
December ...	R 32,693	200	23,764	1,541	1,947	1,068	851	8,487	R 10,833	4,730	49,081	R 62,350
Average	R 31,115	183	21,725	1,321	1,874	981	768	8,245	R 10,603	4,616	46,745	R 59,707

See footnotes at end of table.

Table 10.1b World Crude Oil Production, 1973-1992: Total OPEC, Ecuador Through Market Economies, and World (Continued)

(Thousand Barrels per Day)

	Total OPEC ^a	Ecuador ^a	Persian Gulf Nations ^b	Canada	China	Mexico	United Kingdom	United States	Former U.S.S.R.	Other ^c	Market Economies ^d	World
1978												
January	R 27,357	175	19,202	1,254	2,009	1,108	885	8,360	R 10,811	4,747	43,411	R 56,705
February	R 28,607	169	20,638	1,338	2,009	1,121	945	8,377	R 10,879	4,764	44,846	R 58,208
March	R 28,769	192	20,317	1,333	2,009	1,101	874	8,720	R 10,902	4,818	45,332	R 58,717
April	R 29,428	227	20,480	1,124	2,064	1,140	981	8,818	R 11,005	4,824	46,067	R 59,610
May	R 28,230	205	19,593	1,179	2,064	1,152	1,108	8,825	R 11,017	4,817	45,041	R 58,596
June	R 29,261	203	19,998	1,524	2,064	1,169	1,114	8,832	R 11,049	4,766	46,394	R 59,981
July	R 29,095	227	19,945	1,160	2,064	1,207	1,092	8,756	R 11,130	4,825	45,887	R 59,555
August	R 29,778	180	20,367	1,283	2,064	1,241	1,104	8,758	R 11,180	4,770	46,639	R 60,357
September ..	R 31,790	205	22,302	1,238	2,118	1,269	1,088	8,800	R 11,218	4,751	48,667	R 62,477
October	R 31,816	207	22,214	1,363	2,172	1,299	1,156	8,820	R 11,331	4,742	48,929	R 62,906
November ...	R 31,642	226	21,830	1,490	2,172	1,327	1,282	8,741	R 11,380	4,794	49,028	R 63,054
December ...	R 30,312	207	20,457	1,512	2,172	1,368	1,350	8,662	R 11,345	4,764	47,700	R 61,691
Average	R 29,673	202	20,606	1,316	2,082	1,209	1,082	8,707	R 11,105	4,782	46,497	R 60,158
1979												
January	R 28,767	235	18,896	1,437	2,093	1,395	1,499	8,475	R 11,329	4,918	46,262	R 60,148
February	R 28,960	225	18,894	1,559	2,093	1,395	1,499	8,525	R 11,280	4,937	46,636	R 60,473
March	R 30,245	225	20,074	1,544	2,093	1,399	1,334	8,601	R 11,280	4,912	47,796	R 61,633
April	R 31,160	215	21,150	1,499	2,143	1,395	1,453	8,553	R 11,358	5,094	48,905	R 62,870
May	R 31,210	220	21,214	1,451	2,093	1,400	1,636	8,601	R 11,037	5,019	49,073	R 62,667
June	R 31,153	220	21,331	1,516	2,093	1,411	1,736	8,432	R 11,310	5,048	49,089	R 62,919
July	R 31,865	175	22,267	1,507	2,093	1,436	1,699	8,364	R 11,341	5,072	49,691	R 63,552
August	R 31,456	215	21,936	1,438	2,093	1,452	1,629	8,548	R 11,473	5,121	49,432	R 63,425
September ..	R 31,155	215	21,806	1,478	2,093	1,471	1,667	8,523	R 11,381	5,200	49,282	R 63,183
October	R 31,301	215	22,042	1,534	2,192	1,509	1,609	8,621	R 11,541	5,107	49,469	R 63,629
November ...	R 31,272	210	21,786	1,513	2,192	1,615	1,514	8,761	R 11,595	5,282	49,740	R 63,954
December ...	R 30,734	200	21,241	1,532	2,192	1,652	1,538	8,615	R 11,679	5,348	49,192	R 63,490
Average	R 30,784	214	21,066	1,500	2,122	1,461	1,568	8,552	R 11,384	5,089	48,725	R 62,674
1980												
January	R 29,740	215	20,217	1,507	2,095	1,721	1,609	8,675	R 11,570	5,259	48,302	R 62,391
February	R 30,060	210	20,619	1,491	2,095	1,723	1,660	8,705	R 11,556	5,259	48,684	R 62,759
March	R 28,884	175	19,735	1,513	2,095	1,829	1,686	8,698	R 11,599	5,211	47,572	R 61,690
April	R 27,693	230	18,937	1,383	2,095	1,887	1,552	8,685	R 11,648	5,260	46,266	R 60,433
May	R 26,996	210	18,344	1,468	2,095	1,910	1,627	8,635	R 11,706	5,173	45,595	R 59,820
June	R 27,361	210	18,618	1,522	2,095	1,906	1,597	8,554	R 11,648	5,157	45,883	R 60,050
July	R 26,874	205	18,261	1,502	2,145	2,014	1,587	8,547	R 11,774	5,002	45,307	R 59,650
August	R 26,660	220	18,031	1,472	2,145	1,999	1,535	8,414	R 11,820	5,222	45,098	R 59,487
September ..	R 25,372	165	17,212	1,385	2,145	2,124	1,541	8,619	R 11,859	5,128	43,910	R 58,338
October	R 22,903	210	14,327	1,271	2,120	2,182	1,574	8,532	R 11,823	5,266	41,514	R 55,881
November ...	R 23,960	205	15,147	1,388	2,120	1,901	1,734	8,495	R 11,745	5,160	42,419	R 56,708
December ...	R 24,988	195	16,196	1,322	2,120	2,027	1,762	8,606	R 11,716	5,352	43,828	R 58,088
Average	R 26,781	204	17,961	1,435	2,114	1,936	1,622	8,597	R 11,706	5,204	45,355	R 59,599
1981												
January	R 24,638	215	15,829	1,391	2,020	2,220	1,755	8,540	R 11,826	5,314	43,643	R 57,919
February	R 24,801	225	16,139	1,390	2,020	2,121	1,797	8,604	R 11,826	5,400	43,908	R 58,184
March	R 25,098	220	16,522	1,282	2,020	2,367	1,887	8,613	R 11,875	5,475	44,512	R 58,837
April	R 24,081	200	15,847	1,329	2,020	2,539	1,864	8,557	R 11,816	5,425	43,565	R 57,831
May	R 23,516	200	15,844	1,250	2,020	2,546	1,727	8,501	R 11,826	5,435	42,745	R 57,021
June	R 22,747	210	15,585	1,233	2,020	2,559	1,765	8,629	R 11,832	5,342	42,055	R 56,337
July	R 21,697	200	15,746	1,272	2,010	2,098	1,750	8,500	R 11,846	5,669	40,756	R 55,042
August	R 21,223	220	15,254	1,233	2,010	2,262	1,759	8,583	R 11,896	4,919	39,769	R 54,105
September ..	R 20,638	215	14,239	1,267	2,010	2,479	1,828	8,604	R 11,843	5,332	39,933	R 54,216
October	R 21,073	220	14,502	1,119	2,000	2,489	1,847	8,563	R 11,873	5,398	40,279	R 54,582
November ...	R 20,602	210	13,535	1,281	2,000	2,091	1,842	8,586	R 11,865	5,531	39,713	R 54,008
December ...	R 21,595	200	13,931	1,379	2,000	1,982	1,913	8,585	R 11,873	5,448	40,672	R 54,975
Average	R 22,632	211	15,245	1,285	2,012	2,313	1,811	8,572	R 11,850	5,390	41,784	R 56,076
1982												
January	R 21,126	200	14,036	1,252	2,045	2,314	1,907	8,509	R 11,776	5,594	40,448	R 54,724
February	R 19,974	210	13,694	1,309	2,045	2,552	1,895	8,702	R 11,776	5,621	39,809	R 54,085
March	R 18,233	215	12,356	1,214	2,045	2,544	1,969	8,667	R 11,873	5,501	37,889	R 52,262
April	R 16,807	190	11,371	955	2,045	2,780	2,100	8,591	R 11,882	5,612	36,581	R 50,963
May	R 17,394	200	11,417	1,171	2,045	2,713	2,081	8,683	R 11,882	5,639	37,427	R 51,809
June	R 19,139	210	12,427	1,341	2,045	2,790	2,060	8,646	R 11,931	5,588	39,320	R 53,751
July	R 18,792	220	12,050	1,265	2,045	2,788	2,087	8,658	R 11,878	5,597	38,953	R 53,331
August	R 18,614	215	12,044	1,332	2,045	2,793	2,045	8,634	R 11,923	5,651	38,830	R 53,253
September ..	R 18,501	215	11,459	1,287	2,045	2,830	2,149	8,701	R 11,828	5,551	38,780	R 53,108
October	R 19,713	220	11,774	1,340	2,045	2,900	2,181	8,701	R 12,038	5,686	40,287	R 54,825
November ...	R 20,014	220	12,035	1,456	2,045	2,939	2,143	8,697	R 12,038	5,861	40,876	R 55,414
December ...	R 18,955	215	11,311	1,334	2,045	3,027	2,153	8,598	R 12,106	5,845	39,673	R 54,279
Average	R 18,934	211	12,156	1,271	2,045	2,748	2,065	8,649	R 11,912	5,646	39,069	R 53,481

See footnotes at end of table.

Table 10.1b World Crude Oil Production, 1973-1992: Total OPEC, Ecuador Through Market Economies, and World (Continued)

(Thousand Barrels per Day)

	Total OPEC ^a	Ecuador ^a	Persian Gulf Nations ^b	Canada	China	Mexico	United Kingdom	United States	Former U.S.S.R.	Other ^c	Market Economies ^d	World
1983												
January	R 17,091	215	10,655	1,205	2,085	2,983	2,135	8,697	R 12,342	6,014	37,880	R 52,768
February	R 14,318	230	8,973	1,333	2,110	2,298	2,315	8,758	R 12,342	6,112	34,904	R 49,817
March	R 15,259	230	9,237	1,366	2,110	2,418	2,265	8,700	R 12,342	6,050	35,828	R 50,741
April	R 15,615	230	9,221	1,234	2,120	2,673	2,170	8,776	R 11,937	6,208	36,446	R 50,964
May	R 17,325	230	10,562	1,293	2,120	2,798	2,235	8,631	R 11,840	6,191	38,243	R 52,664
June	R 17,441	225	10,578	1,475	2,120	2,778	2,045	8,667	R 11,840	6,282	38,453	R 52,874
July	R 19,137	235	12,007	1,450	2,120	2,688	2,280	8,636	R 11,840	6,270	40,236	R 54,657
August	R 18,966	250	12,220	1,392	2,130	2,778	2,290	8,679	R 11,840	6,178	40,073	R 54,504
September ..	R 19,368	250	12,707	1,406	2,130	2,738	2,385	8,784	R 11,840	6,256	40,727	R 55,158
October	R 19,162	250	12,353	1,362	2,130	2,663	2,355	8,771	R 11,840	6,363	40,466	R 54,897
November ...	R 19,161	250	12,342	1,387	2,130	2,733	2,490	8,770	R 11,840	6,503	40,834	R 55,265
December ...	R 18,709	250	11,922	1,372	2,130	2,693	2,530	8,397	R 11,840	6,538	40,029	R 54,460
Average	R 17,654	237	11,081	1,356	2,120	2,689	2,291	8,688	R 11,972	6,248	38,703	R 53,255
1984												
January	R 18,018	250	11,197	1,370	2,225	2,700	2,510	8,868	R 11,937	6,687	39,966	R 54,566
February	R 18,139	250	11,137	1,445	2,225	2,785	2,585	8,874	R 11,937	6,676	40,317	R 54,917
March	R 18,420	250	11,424	1,475	2,225	2,740	2,465	8,672	R 11,783	6,608	40,193	R 54,639
April	R 18,296	260	11,447	1,430	2,250	2,800	2,460	8,862	R 11,783	6,696	40,367	R 54,838
May	R 17,608	250	10,741	1,415	2,250	2,830	2,425	8,955	R 11,932	6,791	39,837	R 54,457
June	R 18,923	260	11,817	1,470	2,250	2,850	2,335	8,852	R 11,932	6,861	41,114	R 55,734
July	R 17,893	265	11,281	1,515	2,330	2,875	2,455	8,885	R 11,906	6,889	40,340	R 55,014
August	R 16,703	265	10,269	1,435	2,330	2,710	2,285	8,809	R 11,906	6,892	38,662	R 53,336
September ..	R 16,854	265	10,147	1,330	2,365	2,735	2,420	8,993	R 11,824	7,008	39,168	R 53,795
October	R 16,916	260	10,039	1,460	2,365	2,705	2,600	8,906	R 11,824	7,169	39,579	R 54,206
November ...	R 16,788	260	10,059	1,460	2,365	2,775	2,590	8,979	R 11,783	7,222	39,637	R 54,223
December ...	R 16,679	260	9,890	1,445	2,365	2,860	2,630	8,897	R 11,783	7,263	39,597	R 54,183
Average	R 17,599	258	10,784	1,438	2,296	2,780	2,480	8,879	R 11,861	6,897	39,893	R 54,488
1985												
January	R 15,866	262	9,232	1,416	2,475	2,645	2,755	8,740	R 11,482	7,333	38,580	R 52,972
February	R 17,033	273	10,046	1,462	2,475	2,695	2,625	9,025	R 11,482	7,373	40,050	R 54,442
March	R 16,967	283	9,948	1,516	2,475	2,820	2,575	9,095	R 11,482	7,448	40,268	R 54,661
April	R 16,533	283	9,686	1,415	2,505	2,835	2,610	9,043	R 11,482	7,530	39,813	R 54,235
May	R 15,074	283	8,374	1,467	2,505	2,800	2,520	9,132	R 11,523	7,494	38,334	R 52,798
June	R 14,378	252	8,407	1,463	2,505	2,565	2,430	9,022	R 11,461	7,264	36,937	R 51,339
July	R 14,965	283	8,902	1,480	2,515	2,630	2,365	8,949	R 11,585	7,597	37,842	R 52,368
August	R 14,968	283	8,703	1,447	2,515	2,805	2,195	8,803	R 11,626	7,589	37,664	R 52,231
September ..	R 16,127	293	9,437	1,448	2,515	2,825	2,575	8,954	R 11,688	7,686	39,482	R 54,111
October	R 17,705	293	10,592	1,485	2,525	2,760	2,645	8,970	R 11,729	7,684	41,124	R 55,795
November ...	R 18,067	293	10,797	1,535	2,525	2,805	2,655	8,902	R 11,739	7,753	41,597	R 56,273
December ...	R 18,605	293	11,474	1,517	2,525	2,750	2,420	9,030	R 11,729	7,720	41,921	R 56,588
Average	R 16,353	281	9,630	1,471	2,505	2,745	2,530	8,971	R 11,585	7,540	39,463	R 53,981
1986												
January	R 17,534	305	10,907	1,491	2,576	2,515	2,656	9,137	R 11,596	7,743	40,948	R 55,553
February	R 17,743	305	11,395	1,399	2,576	2,129	2,715	9,173	R 11,658	7,865	40,895	R 55,563
March	R 17,402	315	10,775	1,356	2,576	2,225	2,700	9,013	R 11,756	7,723	40,301	R 55,066
April	R 17,993	320	11,225	1,392	2,576	2,365	2,571	8,864	R 11,807	7,283	40,354	R 55,170
May	R 18,451	320	11,496	1,443	2,576	2,535	2,536	8,838	R 11,896	7,755	41,444	R 56,349
June	R 19,699	320	12,745	1,559	2,576	2,555	2,190	8,623	R 11,906	7,693	42,209	R 57,120
July	R 20,378	320	13,449	1,547	2,576	2,545	2,599	8,660	R 11,932	7,701	43,320	R 58,257
August	R 21,099	280	13,538	1,534	2,576	2,575	2,589	8,374	R 11,983	7,900	43,921	R 58,910
September ..	R 17,217	235	10,774	1,519	2,641	2,380	2,549	8,328	R 12,003	8,010	39,808	R 54,882
October	R 17,522	230	11,018	1,536	2,641	2,330	2,564	8,419	R 12,029	7,968	40,144	R 55,238
November ...	R 17,986	285	11,416	1,447	2,776	2,460	2,467	8,412	R 12,081	8,252	40,884	R 56,166
December ...	R 18,169	285	11,565	1,461	2,776	2,575	2,338	8,352	R 12,075	8,305	41,060	R 56,336
Average	R 18,441	293	11,696	1,474	2,620	2,435	2,539	8,680	R 11,895	7,850	41,282	R 56,227
1987												
January	R 17,466	274	11,125	1,491	2,690	2,518	2,565	8,480	R 11,928	8,176	40,552	R 55,587
February	R 16,971	264	10,761	1,475	2,690	2,548	2,497	8,389	R 11,902	8,155	39,879	R 54,891
March	R 16,437	46	10,085	1,485	2,690	2,528	2,445	8,464	R 12,024	8,031	39,017	R 54,150
April	R 17,078	0	10,840	1,470	2,690	2,538	2,465	8,498	R 11,953	8,131	39,762	R 54,823
May	R 17,859	41	11,408	1,501	2,690	2,563	2,464	8,336	R 11,953	8,220	40,566	R 55,627
June	R 18,373	41	11,796	1,587	2,690	2,538	1,881	8,279	R 11,953	7,986	40,267	R 55,328
July	R 20,030	51	13,067	1,607	2,690	2,528	2,416	8,251	R 12,009	8,308	42,772	R 57,890
August	R 20,963	183	13,877	1,627	2,690	2,553	2,382	8,210	R 11,998	8,081	43,580	R 58,687
September ..	R 19,866	253	13,324	1,556	2,690	2,568	2,387	8,205	R 12,172	8,383	42,799	R 58,080
October	R 19,966	314	13,260	1,536	2,690	2,563	2,430	8,364	R 11,998	8,414	43,168	R 58,275
November ...	R 19,429	314	12,727	1,516	2,690	2,568	2,460	8,397	R 11,928	8,511	42,776	R 57,813
December ...	R 19,462	314	12,845	1,562	2,690	2,568	2,474	8,318	R 11,998	8,501	42,779	R 57,887
Average	R 18,672	174	12,103	1,535	2,690	2,548	2,406	8,349	R 11,985	8,242	41,507	R 56,601

See footnotes at end of table.

Table 10.1b World Crude Oil Production, 1973-1992: Total OPEC, Ecuador Through Market Economies, and World (Continued)

(Thousand Barrels per Day)

	Total OPEC ^a	Ecuador ^a	Persian Gulf Nations ^b	Canada	China	Mexico	United Kingdom	United States	Former U.S.S.R.	Other ^c	Market Economies ^d	World
1988												
January	R 18,524	293	11,778	1,533	2,712	2,566	2,524	8,250	R 12,000	8,702	42,003	R 57,104
February	R 18,516	303	11,680	1,614	2,712	2,536	2,519	8,374	R 12,014	8,596	42,068	R 57,184
March	R 18,787	303	11,931	1,639	2,712	2,521	2,519	8,374	R 11,954	8,736	42,490	R 57,545
April	R 19,292	303	12,433	1,579	2,712	2,496	2,509	8,288	R 11,975	8,702	42,779	R 57,856
May	R 19,285	303	12,284	1,608	2,692	2,531	2,367	8,229	R 11,975	8,584	42,516	R 57,573
June	R 19,597	303	12,596	1,606	2,692	2,536	2,003	8,170	R 11,975	8,356	42,181	R 57,238
July	R 19,686	303	12,740	1,649	2,692	2,536	2,087	8,040	R 11,975	8,695	42,601	R 57,662
August	R 20,936	303	13,940	1,654	2,697	2,536	2,052	8,079	R 11,975	8,587	43,752	R 58,818
September ..	R 21,510	303	14,430	1,606	2,767	2,291	2,077	7,895	R 11,975	8,748	44,035	R 59,172
October	R 22,762	303	15,527	1,637	2,792	2,536	2,033	8,023	R 11,975	8,794	45,693	R 60,855
November ...	R 23,297	303	16,022	1,654	2,792	2,516	2,057	8,023	R 11,975	8,698	46,153	R 61,314
December ...	R 23,534	303	16,063	1,615	2,792	2,536	2,047	7,942	R 11,975	8,817	46,399	R 61,561
Average	R 20,483	302	13,457	1,616	2,730	2,512	2,232	8,140	R 11,978	8,669	43,562	R 58,662
1989												
January	20,747	302	13,702	1,580	2,787	2,538	1,829	7,937	11,803	9,155	43,695	58,678
February	20,589	272	13,543	1,570	2,787	2,507	1,779	7,788	11,803	9,104	43,216	58,199
March	20,917	272	13,715	1,540	2,787	2,548	1,824	7,575	11,803	9,335	43,617	58,601
April	21,566	272	14,242	1,555	2,687	2,533	1,723	7,772	11,686	9,237	44,254	59,031
May	21,676	243	14,342	1,560	2,697	2,533	1,567	7,816	11,686	9,175	44,185	58,952
June	22,240	272	14,754	1,600	2,697	2,533	1,377	7,624	11,630	9,018	44,278	58,989
July	22,289	272	14,737	1,535	2,737	2,528	1,767	7,444	11,630	9,307	44,757	59,507
August	22,794	292	15,220	1,540	2,767	2,528	1,854	7,544	11,630	9,451	45,613	60,399
September ..	22,876	292	15,355	1,580	2,801	2,462	1,965	7,548	11,517	9,440	45,773	60,482
October	23,317	292	15,749	1,525	2,826	2,523	2,061	7,453	11,441	9,614	46,390	61,052
November ...	24,021	282	16,198	1,595	2,767	2,523	1,980	7,536	11,441	9,668	47,210	61,812
December ...	24,204	282	16,400	1,545	2,742	2,482	1,890	7,337	11,441	9,533	46,878	61,455
Average	22,279	279	14,837	1,560	2,757	2,520	1,802	7,613	11,625	9,338	44,999	59,773
1990												
January	23,293	280	15,673	1,483	2,805	2,520	1,918	7,546	11,470	9,579	46,297	60,895
February	23,990	280	16,055	1,503	2,785	2,520	1,818	7,497	11,101	9,656	46,944	61,153
March	24,309	280	16,411	1,610	2,755	2,510	1,943	7,433	11,470	9,745	47,507	62,056
April	24,303	280	16,304	1,554	2,755	2,510	1,923	7,407	11,280	9,767	47,420	61,779
May	24,053	280	16,235	1,534	2,755	2,485	1,893	7,328	11,108	9,775	47,021	61,212
June	23,823	280	15,987	1,514	2,765	2,465	1,838	7,106	10,932	9,660	46,364	60,383
July	24,104	280	16,235	1,549	2,725	2,485	1,750	7,173	10,843	9,578	46,597	60,488
August	25,561	300	12,318	1,549	2,760	2,535	1,630	7,287	10,723	9,596	43,140	56,941
September ..	22,783	290	14,230	1,554	2,820	2,626	1,760	7,224	10,633	9,799	45,730	59,488
October	22,813	290	14,034	1,605	2,785	2,646	1,865	7,542	10,362	9,921	46,395	59,828
November ...	23,573	290	14,767	1,575	2,810	2,666	1,827	7,387	10,309	10,211	47,239	60,646
December ...	24,045	290	15,168	1,600	2,770	2,666	1,677	7,338	10,338	10,134	47,470	60,858
Average	23,465	285	15,278	1,553	2,774	2,553	1,820	7,355	10,880	9,785	46,505	60,471
1991												
January	23,327	298	14,413	1,561	2,822	2,664	1,675	7,500	10,663	10,106	46,918	60,614
February	23,245	303	14,330	1,621	2,832	2,678	1,904	7,637	9,943	10,141	47,321	60,304
March	23,095	303	14,258	1,546	2,827	2,673	2,068	7,546	10,367	10,135	47,157	60,559
April	22,555	303	13,766	1,445	2,832	2,659	1,526	7,509	10,310	10,023	45,806	59,161
May	22,513	282	13,726	1,505	2,832	2,699	1,396	7,409	10,222	10,125	45,703	58,984
June	23,285	282	14,541	1,525	2,842	2,724	1,525	7,320	9,808	9,865	46,302	59,176
July	23,898	303	15,106	1,535	2,842	2,694	1,805	7,347	9,808	9,937	47,241	60,169
August	23,918	303	15,127	1,581	2,842	2,664	1,827	7,316	9,420	9,603	46,932	59,473
September ..	23,852	303	15,061	1,551	2,837	2,679	1,896	7,368	9,886	10,142	47,486	60,511
October	24,035	303	15,329	1,505	2,837	2,684	1,990	7,437	9,492	10,184	47,862	60,467
November ...	24,335	303	15,434	1,621	2,842	2,664	1,975	7,328	9,378	10,268	48,242	60,712
December ...	24,730	303	15,755	1,586	2,837	2,679	1,979	7,299	9,347	10,361	48,690	61,120
Average	23,569	299	14,741	1,548	2,835	2,680	1,797	7,417	9,887	10,074	47,139	60,105
1992												
January	25,100	295	16,130	1,585	2,830	2,675	1,920	7,361	9,115	10,526	49,137	61,407
February	24,880	295	16,010	1,560	2,865	2,665	1,905	7,389	8,650	10,375	48,744	60,584
March	24,170	315	15,510	1,620	2,835	2,680	1,755	7,348	8,760	10,429	47,995	59,912
April	24,205	315	15,487	1,535	2,855	2,680	1,835	7,293	9,025	10,523	48,059	60,265
May	24,265	315	15,592	1,510	2,835	2,660	1,700	7,169	8,455	10,251	47,546	59,160
June	24,420	315	15,716	1,560	2,830	2,680	1,545	7,167	8,440	10,443	47,806	59,400
July	24,660	320	15,916	1,630	2,825	2,660	1,780	7,131	8,365	10,498	48,351	59,869
August	25,005	330	16,220	1,675	2,815	2,685	1,825	6,922	8,130	10,472	48,585	59,858
September ..	25,245	330	16,330	1,620	2,860	2,685	1,830	7,030	7,980	10,543	48,955	60,123
October	25,685	330	16,670	1,665	2,875	2,655	1,930	7,126	7,965	10,687	49,745	60,918
November ...	25,770	330	16,755	1,640	2,845	2,640	1,945	7,024	7,910	10,517	49,533	60,621
December ...	25,945	330	16,905	1,575	2,785	2,655	1,935	7,103	7,870	10,744	49,954	60,942
Average	24,947	318	16,104	1,598	2,838	2,668	1,825	7,171	8,388	10,501	48,702	60,255

^a "Total OPEC" consists of Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in "Total OPEC." See Note 4 at end of section.

^b The Persian Gulf Nations are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Neutral Zone between Kuwait and Saudi Arabia is included in "Persian Gulf Nations."

^c "Other" is a calculated total derived from the difference between "World" and the sum of production in "Total OPEC," Ecuador, Canada, China, Mexico, the United Kingdom, the United States, and the former U.S.S.R.

^d World excluding Albania, Bulgaria, Cambodia, China, Cuba, former Czechoslovakia, East Germany, Hungary, Laos, Mongolia, North Korea, Poland, Romania, former U.S.S.R., Vietnam, and former Yugoslavia.

R=Revised data.
Notes: • Crude oil includes lease condensate but excludes natural gas plant liquids. • Annual averages may not equal average of months due to independent rounding. • Data for countries may not sum to World totals due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 10.2 Petroleum Consumption in OECD Countries, 1973-1992

(Thousand Barrels per Day)

	Canada	France	Germany ^a	Italy	Japan	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d
1973 Average	1,729	2,601	3,055	2,068	4,949	2,341	17,308	14,925	988	39,900
1974										
1 st Quarter	1,948	2,688	2,618	2,269	5,288	2,466	16,904	14,598	1,078	39,816
2 nd Quarter	1,616	2,285	2,799	1,816	4,430	2,077	15,922	13,209	1,095	36,272
3 rd Quarter	1,577	2,241	2,791	1,880	4,661	1,922	16,311	13,369	1,090	37,008
4 th Quarter	1,977	2,578	2,782	2,055	5,082	2,380	17,473	14,781	1,115	40,428
Average	1,779	2,447	2,748	2,004	4,864	2,210	16,653	13,988	1,095	38,379
1975										
1 st Quarter	1,970	2,421	2,632	2,019	4,694	2,142	17,136	13,911	1,044	38,755
2 nd Quarter	1,654	2,146	2,598	1,665	3,877	1,843	15,600	12,602	1,034	34,767
3 rd Quarter	1,609	1,788	2,626	1,664	4,248	1,632	15,771	12,026	1,043	34,697
4 th Quarter	1,885	2,655	2,742	2,074	5,659	2,031	16,791	14,338	1,043	39,716
Average	1,779	2,252	2,650	1,855	4,621	1,911	16,322	13,217	1,041	36,980
1976										
1 st Quarter	1,965	2,769	2,952	2,149	5,175	2,113	17,826	15,299	1,099	41,364
2 nd Quarter	1,659	2,159	2,729	1,709	4,460	1,813	16,486	12,851	1,138	36,594
3 rd Quarter	1,700	2,134	2,858	1,968	4,472	1,650	16,694	13,199	1,137	37,202
4 th Quarter	1,949	2,618	2,968	2,057	5,240	1,993	18,832	15,146	1,102	42,269
Average	1,818	2,420	2,877	1,971	4,837	1,892	17,461	14,124	1,119	39,358
1977										
1 st Quarter	1,979	2,679	2,863	2,133	5,509	2,106	19,677	15,108	1,188	43,461
2 nd Quarter	1,737	2,174	2,824	1,713	4,408	1,813	17,526	13,127	1,194	37,992
3 rd Quarter	1,734	1,862	2,864	1,728	4,584	1,671	17,765	12,757	1,135	37,975
4 th Quarter	1,952	2,467	2,909	2,018	5,027	2,034	18,775	14,689	1,124	41,567
Average	1,850	2,294	2,865	1,897	4,880	1,905	18,431	13,916	1,160	40,237
1978										
1 st Quarter	2,022	2,823	3,044	2,169	5,419	2,111	20,075	15,535	1,195	44,246
2 nd Quarter	1,748	2,282	2,868	1,717	4,479	1,880	18,081	13,411	1,205	38,924
3 rd Quarter	1,796	1,812	2,854	1,781	4,610	1,716	18,076	12,862	1,208	38,552
4 th Quarter	2,043	2,723	2,944	2,144	5,278	2,048	19,173	15,370	1,208	43,072
Average	1,902	2,408	2,927	1,952	4,945	1,938	18,847	14,290	1,204	41,187
1979										
1 st Quarter	2,083	2,967	3,093	2,302	5,633	2,239	20,369	16,273	1,224	45,582
2 nd Quarter	1,823	2,333	2,962	1,805	4,719	1,886	17,675	13,894	1,191	39,302
3 rd Quarter	1,896	2,008	2,946	1,850	4,671	1,764	17,566	13,348	1,171	38,652
4 th Quarter	2,083	2,554	3,012	2,203	5,185	2,000	18,472	15,179	1,126	42,045
Average	1,971	2,463	3,003	2,039	5,050	1,971	18,513	14,667	1,178	41,379
1980										
1 st Quarter	1,950	2,578	2,913	2,172	5,777	2,000	18,338	15,042	1,077	42,184
2 nd Quarter	1,756	2,172	2,703	1,764	4,599	1,649	16,401	13,003	1,089	36,847
3 rd Quarter	1,802	1,833	2,770	1,727	4,395	1,503	16,114	12,602	1,083	35,996
4 th Quarter	1,984	2,444	2,445	2,075	5,074	1,750	17,376	13,897	1,039	39,370
Average	1,873	2,256	2,707	1,934	4,960	1,725	17,056	13,634	1,072	38,595
1981										
1 st Quarter	1,926	2,391	2,587	2,214	5,538	1,689	17,112	13,795	1,030	39,401
2 nd Quarter	1,712	1,813	2,302	1,677	4,307	1,499	15,596	11,582	1,069	34,266
3 rd Quarter	1,700	1,692	2,432	1,620	4,396	1,470	15,532	11,418	1,114	34,160
4 th Quarter	1,737	2,202	2,476	1,991	5,160	1,703	16,008	13,283	1,107	37,295
Average	1,768	2,023	2,449	1,874	4,848	1,590	16,058	12,515	1,080	36,269
1982										
January	1,779	2,032	2,287	1,982	5,410	1,633	16,122	12,675	992	36,979
February	1,861	2,237	2,590	2,110	5,826	1,772	16,001	13,731	976	38,394
March	1,701	2,032	2,692	1,989	5,256	1,798	15,560	13,415	1,055	36,988
April	1,445	1,869	2,481	1,746	4,764	1,613	16,046	12,101	1,007	35,363
May	1,411	1,807	2,095	1,528	4,226	1,496	14,847	10,979	1,034	32,497
June	1,490	1,869	2,447	1,691	3,930	1,536	14,998	11,845	1,082	33,344
July	1,498	1,616	2,245	1,673	4,140	1,493	14,821	11,024	1,036	32,520
August	1,601	1,616	2,411	1,388	3,922	1,401	14,839	10,780	985	32,127
September	1,515	1,670	2,350	1,774	4,031	1,522	15,022	11,742	945	33,255
October	1,459	1,922	2,195	1,778	3,941	1,540	14,859	11,591	980	32,830
November	1,622	1,987	2,328	1,864	4,546	1,660	15,009	12,573	1,009	34,759
December	1,582	1,922	2,372	1,882	5,080	1,629	15,487	12,337	990	35,476
Average	1,578	1,880	2,372	1,781	4,582	1,590	15,296	12,053	1,008	34,517

See footnotes at end of table.

Table 10.2 Petroleum Consumption in OECD Countries, 1973-1992 (Continued)

(Thousand Barrels per Day)

	Canada	France	Germany ^a	Italy	Japan	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d
1983										
January	1,402	1,929	2,200	1,797	4,604	1,520	14,722	11,685	889	33,302
February	1,534	2,228	2,408	1,992	5,135	1,684	14,792	13,011	929	35,401
March	1,354	1,914	2,520	1,856	4,824	1,680	15,541	12,456	976	35,150
April	1,273	2,025	2,242	1,654	4,093	1,543	14,692	11,658	921	32,637
May	1,387	1,726	2,312	1,541	3,663	1,448	14,505	11,217	973	31,745
June	1,435	1,652	2,381	1,591	3,919	1,474	15,289	11,264	964	32,870
July	1,337	1,418	2,084	1,559	3,973	1,388	15,019	10,258	937	31,525
August	1,517	1,595	2,225	1,477	4,225	1,457	15,480	10,974	990	33,187
September	1,476	1,637	2,340	1,789	4,219	1,537	15,506	11,501	945	33,647
October	1,451	1,709	2,395	1,772	4,096	1,539	14,962	11,821	952	33,282
November	1,541	2,015	2,397	1,968	4,646	1,562	15,500	12,608	998	35,293
December	1,677	2,213	2,398	2,029	5,392	1,554	16,726	12,834	974	37,602
Average	1,448	1,835	2,324	1,750	4,395	1,531	15,231	11,765	954	33,793
1984										
January	1,518	2,104	2,244	1,912	4,992	1,556	16,801	12,071	927	36,309
February	1,504	2,164	2,401	1,924	5,729	1,647	15,437	12,790	1,014	36,474
March	1,502	1,950	2,393	1,805	5,376	1,714	16,050	12,403	989	36,320
April	1,340	1,701	2,233	1,513	4,332	1,675	15,568	11,294	878	33,412
May	1,517	1,617	2,462	1,485	3,956	1,833	15,620	11,592	938	33,623
June	1,426	1,674	2,212	1,440	4,002	1,881	15,709	11,199	945	33,281
July	1,504	1,429	2,441	1,535	4,158	1,714	15,498	11,017	996	33,172
August	1,501	1,430	2,346	1,375	4,350	1,924	16,116	11,133	1,022	34,122
September	1,357	1,629	2,341	1,659	4,085	1,923	15,247	11,607	971	33,267
October	1,539	1,800	2,222	1,644	4,105	2,052	15,616	11,857	1,073	34,190
November	1,539	1,751	2,414	1,721	4,625	2,198	15,627	12,322	1,073	35,186
December	1,415	1,818	2,161	1,755	5,236	2,065	15,375	11,642	1,043	34,711
Average	1,472	1,754	2,322	1,646	4,576	1,849	15,726	11,736	989	34,500
1985										
January	1,539	2,309	2,377	2,035	4,929	2,117	16,109	13,508	963	37,048
February	1,510	1,997	2,204	2,008	5,280	2,290	16,121	13,076	1,005	36,991
March	1,525	1,837	1,986	1,787	4,729	1,819	15,373	11,533	958	34,119
April	1,354	1,676	2,297	1,531	4,009	1,525	15,472	11,155	1,020	33,009
May	1,541	1,551	2,272	1,469	3,769	1,436	15,504	10,582	1,025	32,422
June	1,360	1,598	2,377	1,473	3,755	1,391	15,483	10,682	956	32,236
July	1,511	1,580	2,633	1,601	4,053	1,447	15,434	11,317	911	33,227
August	1,529	1,486	2,696	1,380	4,201	1,463	16,060	11,138	935	33,863
September	1,488	1,727	2,286	1,703	4,022	1,545	15,099	11,482	949	33,040
October	1,565	1,816	2,494	1,816	4,079	1,557	15,944	12,114	997	34,698
November	1,512	1,880	2,206	1,833	4,541	1,620	15,503	11,928	991	34,475
December	1,607	1,852	2,208	1,982	5,286	1,449	16,611	11,746	1,000	36,250
Average	1,504	1,775	2,338	1,717	4,384	1,634	15,726	11,681	976	34,271
1986										
January	1,477	1,850	2,404	1,854	4,983	1,542	16,088	12,048	923	35,520
February	1,572	2,285	2,758	1,971	5,263	1,763	16,186	13,465	925	37,411
March	1,349	1,759	2,427	1,719	4,720	1,694	16,276	11,924	908	35,177
April	1,403	1,957	2,969	1,595	4,120	1,712	15,945	12,754	954	35,176
May	1,471	1,464	2,700	1,478	3,778	1,590	15,993	11,401	965	33,608
June	1,533	1,626	2,778	1,523	3,787	1,595	16,049	11,770	975	34,114
July	1,541	1,663	2,756	1,645	3,845	1,601	16,307	12,023	947	34,663
August	1,500	1,635	2,348	1,467	4,091	1,584	16,618	11,505	934	34,648
September	1,523	1,714	2,194	1,727	4,121	1,797	15,909	12,045	993	34,591
October	1,602	1,683	2,257	1,821	4,340	1,694	16,602	11,979	963	35,487
November	1,493	1,673	2,123	1,914	4,794	1,608	16,221	11,538	936	34,981
December	1,629	2,012	2,294	2,154	5,475	1,621	17,131	12,894	989	38,118
Average	1,506	1,772	2,498	1,738	4,439	1,649	16,281	12,102	951	35,279
1987										
January	1,411	1,986	2,254	2,069	4,910	1,620	16,684	12,718	908	36,631
February	1,552	1,972	2,427	1,992	5,128	1,663	16,908	12,861	930	37,379
March	1,481	1,909	2,531	2,114	4,844	1,614	16,165	12,758	876	36,123
April	1,490	1,705	2,374	1,732	4,193	1,553	16,524	11,678	1,025	34,909
May	1,448	1,460	2,362	1,596	3,750	1,436	16,026	10,943	892	33,059
June	1,580	1,738	2,478	1,717	3,976	1,534	16,830	11,974	1,003	35,362
July	1,578	1,816	2,637	1,830	4,141	1,604	17,113	12,330	995	36,156
August	1,510	1,537	2,510	1,671	4,217	1,510	16,346	11,650	909	34,631
September	1,598	1,679	2,482	1,887	4,279	1,674	16,670	12,408	958	35,913
October	1,640	1,798	2,325	1,801	4,233	1,630	16,941	12,231	914	35,960
November	1,630	1,839	2,302	1,880	4,664	1,686	16,343	12,457	1,038	36,133
December	1,664	2,070	2,411	1,972	5,511	1,717	17,445	13,125	1,057	38,801
Average	1,548	1,789	2,424	1,855	4,484	1,603	16,665	12,255	958	35,911

See footnotes at end of table.

Table 10.2 Petroleum Consumption in OECD Countries, 1973-1992 (Continued)

(Thousand Barrels per Day)

	Canada	France	Germany ^a	Italy	Japan	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d
1988										
January	1,596	1,697	2,135	1,811	4,874	1,580	17,403	11,468	821	36,163
February	1,720	1,978	2,360	1,926	5,696	1,722	17,760	12,662	904	38,742
March	1,678	1,968	2,546	1,834	5,249	1,797	17,612	13,156	1,032	38,728
April	1,503	1,703	2,240	1,643	4,469	1,642	16,561	11,652	901	35,085
May	1,637	1,560	2,256	1,663	3,964	1,591	16,197	11,293	965	34,055
June	1,674	1,726	2,580	1,813	4,164	1,725	17,059	12,507	995	36,399
July	1,624	1,677	2,528	1,787	4,228	1,584	16,695	12,001	946	35,494
August	1,765	1,577	2,352	1,631	4,447	1,649	17,482	11,852	986	36,532
September	1,719	1,770	2,519	1,870	4,293	1,743	17,072	12,633	935	36,652
October	1,708	1,772	2,384	1,892	4,374	1,720	17,580	12,436	934	37,032
November	1,834	2,076	2,549	2,113	5,280	1,859	17,620	13,764	918	39,416
December	1,853	2,039	2,622	2,059	6,017	1,762	18,365	13,731	928	40,895
Average	1,693	1,797	2,422	1,836	4,752	1,697	17,283	12,427	939	37,093
1989										
January	1,690	1,924	1,880	2,029	5,225	1,702	17,269	12,204	915	37,303
February	1,771	2,090	2,173	2,133	5,607	1,770	17,920	12,976	1,062	39,336
March	1,701	1,946	2,256	1,929	5,571	1,796	17,989	12,848	970	39,079
April	1,643	1,719	2,150	1,743	4,583	1,733	16,624	11,883	998	35,732
May	1,692	1,623	2,129	1,782	4,361	1,651	16,546	11,713	1,045	35,358
June	1,672	1,763	2,238	1,874	4,457	1,694	17,497	12,319	1,063	37,009
July	1,652	1,669	2,326	1,655	4,570	1,602	16,453	11,625	1,007	35,307
August	1,841	1,652	2,503	1,727	4,586	1,723	17,360	12,355	1,051	37,193
September	1,693	1,847	2,440	1,907	4,632	1,713	16,795	12,611	922	36,652
October	1,741	1,956	2,439	2,049	4,747	1,780	17,304	13,021	948	37,761
November	1,790	2,015	2,521	2,158	5,321	1,886	17,311	13,582	994	38,998
December	1,908	2,096	2,306	2,194	6,162	1,808	18,858	13,230	1,003	41,161
Average	1,733	1,857	2,280	1,930	4,983	1,738	17,325	12,531	998	37,570
1990										
January	1,659	2,026	2,208	2,148	5,541	1,735	16,964	12,905	967	38,037
February	1,757	1,928	2,390	2,005	5,865	1,845	17,175	12,996	990	38,783
March	1,696	1,872	2,343	1,823	5,491	1,933	17,087	12,673	1,078	38,024
April	1,591	1,784	2,299	1,581	4,668	1,756	16,778	12,162	960	36,159
May	1,671	1,608	2,382	1,747	4,476	1,781	16,915	12,181	1,034	36,277
June	1,630	1,774	2,504	1,755	4,536	1,828	17,165	12,724	1,014	37,070
July	1,708	1,860	2,688	1,832	4,960	1,841	17,084	13,135	1,007	37,894
August	1,843	1,778	2,383	1,694	5,212	1,762	18,050	12,785	1,123	39,013
September	1,676	1,682	2,280	1,824	4,991	1,629	16,512	12,079	1,010	36,267
October	1,760	1,698	2,320	1,946	4,909	1,600	16,934	12,293	1,045	36,941
November	1,706	1,834	2,434	2,057	5,161	1,709	16,695	12,795	1,031	37,387
December	1,586	1,971	2,353	2,054	5,903	1,614	16,494	12,831	1,065	37,880
Average	1,690	1,818	2,382	1,872	5,140	1,752	16,988	12,629	1,027	37,475
1991										
January	1,599	2,294	2,998	2,185	5,852	1,819	16,893	14,564	1,067	39,975
February	1,613	2,009	2,783	2,025	6,155	1,837	16,339	13,804	1,043	38,953
March	1,484	1,759	2,858	1,660	5,789	1,725	16,212	12,609	1,096	37,190
April	1,595	1,808	2,953	1,813	5,025	1,793	16,139	13,073	1,087	36,918
May	1,637	1,773	2,912	1,722	4,880	1,799	16,189	12,965	1,108	36,780
June	1,589	1,807	3,269	1,535	4,765	1,769	16,878	13,184	950	37,366
July	1,707	1,989	2,272	1,665	5,000	1,853	16,971	12,648	1,005	37,330
August	1,693	1,795	2,609	1,546	4,888	1,812	17,183	12,727	992	37,483
September	1,583	1,824	2,679	1,824	4,724	1,753	16,848	12,999	1,028	37,182
October	1,693	2,075	2,919	2,126	4,848	1,864	16,996	14,178	1,117	38,831
November	1,602	1,953	2,860	2,031	5,581	1,829	16,730	13,736	1,132	38,782
December	1,662	2,132	2,829	2,231	5,952	1,765	17,145	14,228	1,047	40,033
Average	1,622	1,935	2,828	1,863	5,284	1,801	16,714	13,391	1,056	38,067
1992										
January	1,627	2,211	2,968	2,237	5,768	1,833	17,012	14,459	1,014	39,880
February	1,623	2,106	2,814	2,149	6,339	1,819	16,893	14,051	1,045	39,951
March	1,595	1,937	2,809	1,886	5,865	1,818	16,825	13,681	1,055	39,021
April	1,581	1,990	2,893	1,891	5,205	1,858	16,764	13,666	1,042	38,258
May	1,589	1,629	2,588	1,671	4,838	1,695	16,485	12,346	1,003	36,261
June	1,646	1,815	2,699	1,801	4,942	1,725	16,978	13,035	1,086	37,688
July	1,642	1,926	3,029	1,900	5,117	1,804	17,143	13,661	1,028	38,590
August	1,675	1,733	2,829	1,655	4,955	1,700	16,929	12,909	946	37,414
September	1,654	1,953	3,072	2,003	5,139	1,870	16,876	14,222	1,046	38,938
October	1,705	1,939	2,752	1,930	5,303	1,825	17,448	13,474	1,014	38,944
November	1,714	1,888	2,823	2,053	5,637	1,853	17,091	13,805	1,049	39,295
December	1,670	1,999	2,841	2,077	6,277	1,839	17,928	13,989	1,104	40,968
Average	1,643	1,926	2,843	1,937	5,446	1,803	17,033	13,605	1,036	38,763

^a Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data are for the unified Germany, i.e., the former East Germany and West Germany.

^b "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^c "Other OECD" consists of Australia, New Zealand, and the U.S.

Territories.

^d The Organization for Economic Cooperation and Development (OECD) consists of Canada, Japan, the United States, "OECD Europe" and "Other OECD."

Notes: • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 10.3 Petroleum Stocks in OECD Countries, End of Period, 1973-1992

(Million Barrels)

	Canada	France	Germany ^a	Italy	Japan	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d
1973 Average	140	201	181	152	303	156	1,008	1,070	67	2,588
1974										
1 st Quarter	118	201	188	147	^E 292	159	953	1,029	63	2,453
2 nd Quarter	133	228	195	168	^E 349	193	1,060	1,161	63	2,767
3 rd Quarter	153	248	207	173	^E 386	201	1,114	1,225	63	2,941
4 th Quarter	145	249	213	167	370	191	1,074	1,227	64	2,880
1975										
1 st Quarter	131	232	165	138	^E 334	171	1,076	1,116	66	2,722
2 nd Quarter	147	223	168	142	^E 352	175	1,071	1,124	65	2,758
3 rd Quarter	156	255	172	152	^E 379	179	1,147	1,202	65	2,949
4 th Quarter	174	225	187	143	375	165	1,133	1,154	67	2,903
1976										
1 st Quarter	148	194	168	119	317	148	1,060	1,019	69	2,613
2 nd Quarter	161	205	175	134	349	159	1,094	1,083	68	2,755
3 rd Quarter	160	242	193	143	388	165	1,192	1,189	68	2,997
4 th Quarter	153	234	208	143	380	165	1,112	1,205	68	2,918
1977										
1 st Quarter	144	214	206	138	351	149	1,087	1,124	66	2,772
2 nd Quarter	161	204	204	164	387	158	1,195	1,195	68	3,006
3 rd Quarter	165	229	220	165	404	159	1,304	1,268	67	3,208
4 th Quarter	167	239	225	161	409	148	1,312	1,268	68	3,224
1978										
1 st Quarter	146	198	207	137	387	150	1,168	1,105	56	2,862
2 nd Quarter	149	190	207	143	411	153	1,185	1,137	56	2,938
3 rd Quarter	153	216	219	158	412	153	1,263	1,208	56	3,092
4 th Quarter	144	201	238	154	413	157	1,278	1,219	68	3,122
1979										
1 st Quarter	133	188	231	137	382	140	1,142	1,096	65	2,818
2 nd Quarter	142	202	246	147	394	151	1,210	1,187	63	2,996
3 rd Quarter	150	233	269	165	438	169	1,309	1,351	69	3,317
4 th Quarter	150	226	272	163	460	169	1,341	1,353	75	3,379
1980										
1 st Quarter	149	226	296	155	430	162	1,348	1,345	77	3,349
2 nd Quarter	164	228	309	168	478	173	1,411	1,420	69	3,542
3 rd Quarter	176	258	302	195	509	172	1,447	1,512	72	3,716
4 th Quarter	164	243	319	170	495	168	1,392	1,464	72	3,587
1981										
1 st Quarter	159	220	317	158	450	163	1,401	1,389	75	3,474
2 nd Quarter	172	217	311	171	493	158	1,430	1,407	73	3,575
3 rd Quarter	177	233	307	187	492	150	1,476	1,426	64	3,635
4 th Quarter	161	214	297	167	482	143	1,484	1,337	67	3,531
1982										
1 st Quarter	148	198	279	158	507	133	1,392	1,234	71	3,352
2 nd Quarter	144	192	287	156	501	141	1,360	1,262	72	3,339
3 rd Quarter	145	207	280	179	486	134	1,414	1,301	67	3,413
4 th Quarter	136	193	272	179	484	125	1,430	1,258	68	3,376
1983										
January	142	197	276	176	471	125	1,452	1,272	66	3,403
February	138	177	272	165	460	129	1,430	1,226	70	3,324
March	136	161	261	155	455	120	1,372	1,168	67	3,198
April	130	150	261	152	450	118	1,374	1,146	66	3,166
May	118	154	263	156	461	119	1,394	1,144	71	3,188
June	114	158	261	158	459	115	1,405	1,150	72	3,200
July	118	165	263	161	457	119	1,426	1,170	71	3,243
August	122	173	262	162	455	122	1,460	1,194	70	3,302
September	126	165	262	160	452	125	1,485	1,188	71	3,322
October	130	161	254	161	467	125	1,508	1,173	71	3,350
November	127	153	252	154	473	118	1,510	1,163	72	3,344
December	121	153	249	149	470	118	1,454	1,142	68	3,255

See footnotes at end of table.

**Table 10.3 Petroleum Stocks in OECD Countries, End of Period, 1973-1992
(Continued)**

(Million Barrels)

	Canada	France	Germany ^a	Italy	Japan	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d
1984										
January	124	158	253	149	467	124	1,429	1,147	68	3,234
February	127	149	254	146	462	120	1,463	1,117	68	3,237
March	129	149	250	147	453	111	1,444	1,090	67	3,183
April	126	148	255	161	466	118	1,462	1,127	67	3,249
May	120	151	246	154	480	120	1,496	1,126	64	3,287
June	123	150	250	160	483	121	1,503	1,147	65	3,321
July	129	151	249	164	490	116	1,513	1,158	69	3,360
August	131	153	246	168	524	121	1,498	1,160	68	3,381
September	127	149	249	161	497	119	1,513	1,148	67	3,353
October	125	148	242	156	511	117	1,544	1,134	67	3,381
November	123	147	239	155	492	115	1,556	1,124	65	3,360
December	128	152	239	159	479	112	1,556	1,130	69	3,362
1985										
January	129	140	238	146	472	113	1,512	1,069	69	3,251
February	120	135	235	142	468	109	1,462	1,030	71	3,150
March	119	142	239	144	478	116	1,460	1,050	65	3,173
April	112	146	234	148	490	121	1,473	1,051	66	3,192
May	109	136	233	144	492	125	1,508	1,061	65	3,235
June	120	130	238	142	489	119	1,511	1,047	64	3,231
July	129	128	234	126	479	117	1,516	1,020	61	3,205
August	122	130	232	148	482	114	1,494	1,040	61	3,199
September	120	128	238	149	482	114	1,502	1,050	62	3,216
October	116	131	233	147	498	115	1,496	1,054	64	3,228
November	117	129	237	153	503	119	1,523	1,070	64	3,277
December	113	139	233	157	494	123	1,519	1,092	66	3,284
1986										
January	111	127	231	156	494	118	1,535	1,069	67	3,276
February	116	110	223	147	488	104	1,514	1,002	68	3,189
March	115	112	229	149	488	112	1,489	1,021	70	3,183
April	107	115	224	153	480	113	1,479	1,015	65	3,147
May	103	122	229	151	488	120	1,506	1,046	60	3,203
June	107	127	228	152	493	118	1,543	1,061	67	3,270
July	113	121	229	153	512	125	1,573	1,072	69	3,339
August	118	124	242	167	521	123	1,582	1,121	69	3,410
September	118	142	246	166	527	122	1,618	1,153	72	3,488
October	119	137	243	165	509	127	1,610	1,153	73	3,465
November	114	138	249	159	520	124	1,612	1,144	73	3,462
December	111	127	252	155	509	124	1,593	1,133	72	3,418
1987										
January	116	138	258	154	511	123	1,586	1,136	66	3,415
February	114	140	254	156	512	123	1,563	1,125	68	3,381
March	115	122	243	141	502	118	1,557	1,061	68	3,303
April	114	120	253	145	502	118	1,539	1,063	64	3,283
May	110	126	254	154	509	123	1,542	1,094	64	3,318
June	107	123	250	151	520	111	1,548	1,075	65	3,315
July	108	125	252	144	518	116	1,558	1,069	68	3,321
August	115	130	256	165	516	120	1,592	1,127	69	3,420
September	119	128	251	167	524	120	1,606	1,127	69	3,444
October	117	128	261	171	540	124	1,610	1,141	72	3,480
November	121	128	265	169	547	118	1,635	1,141	71	3,514
December	126	127	259	169	540	121	1,607	1,130	72	3,474
1988										
January	130	129	268	163	544	117	1,597	1,131	68	3,469
February	124	118	271	159	530	120	1,576	1,107	69	3,406
March	127	108	266	146	522	113	1,559	1,065	65	3,338
April	127	110	270	148	519	114	1,578	1,066	66	3,355
May	123	117	269	156	533	122	1,614	1,098	65	3,433
June	118	120	266	152	556	118	1,612	1,099	64	3,450
July	125	123	270	158	593	117	1,629	1,103	67	3,517
August	123	126	271	164	566	120	1,624	1,127	66	3,506
September	124	126	270	162	559	119	1,628	1,127	66	3,504
October	124	131	276	164	557	119	1,630	1,142	64	3,517
November	122	128	269	158	558	113	1,631	1,103	69	3,482
December	116	140	266	155	538	112	1,597	1,118	71	3,440

See footnotes at end of table.

**Table 10.3 Petroleum Stocks in OECD Countries, End of Period, 1973-1992
(Continued)**

(Million Barrels)

	Canada	France	Germany ^a	Italy	Japan	United Kingdom	United States	OECD Europe ^b	Other OECD ^c	OECD ^d
1989										
January	117	138	277	159	547	121	1,620	1,133	69	3,486
February	116	129	272	154	548	121	1,601	1,103	69	3,437
March	111	123	270	148	552	115	1,568	1,085	68	3,384
April	118	131	271	152	549	114	1,596	1,091	71	3,425
May	117	132	272	152	553	121	1,623	1,111	73	3,476
June	119	128	269	154	557	112	1,608	1,096	71	3,450
July	125	133	270	155	557	119	1,649	1,120	70	3,521
August	123	135	271	165	567	118	1,654	1,133	72	3,549
September	121	135	274	165	572	120	1,667	1,137	66	3,563
October	117	134	272	165	580	117	1,658	1,121	70	3,547
November	121	139	267	163	588	117	1,663	1,125	75	3,571
December	114	138	271	164	577	118	1,581	1,133	71	3,476
1990										
January	112	133	273	162	574	119	1,630	1,128	68	3,513
February	116	134	267	158	569	116	1,635	1,134	74	3,528
March	121	131	268	163	581	121	1,642	1,126	71	3,542
April	126	135	270	159	578	114	1,640	1,146	77	3,567
May	121	146	268	155	590	125	1,672	1,174	77	3,634
June	119	147	270	160	579	120	1,685	1,179	75	3,637
July	117	149	271	155	578	119	1,709	1,169	71	3,645
August	114	150	274	167	583	122	1,699	1,181	72	3,649
September	112	150	269	173	585	123	1,698	1,177	73	3,645
October	113	148	268	172	592	119	1,674	1,184	76	3,640
November	115	142	263	167	596	117	1,654	1,150	72	3,587
December	121	140	265	172	590	112	1,621	1,163	73	3,568
1991										
January	116	133	278	174	591	116	1,587	1,164	73	3,531
February	114	137	278	169	572	119	1,573	1,162	72	3,493
March	117	142	280	178	593	124	1,558	1,178	75	3,521
April	110	138	277	177	585	119	1,578	1,161	75	3,509
May	107	138	279	174	586	113	1,626	1,157	75	3,551
June	107	144	274	173	590	118	1,634	1,161	72	3,564
July	118	145	285	169	594	113	1,635	1,170	73	3,590
August	116	152	284	171	610	118	1,648	1,186	76	3,636
September	117	150	287	170	622	120	1,663	1,195	74	3,671
October	118	148	286	165	625	119	1,644	1,190	71	3,649
November	122	152	289	163	607	120	1,647	1,198	70	3,643
December	119	153	288	160	607	119	1,617	1,182	65	3,589
1992										
January	117	149	293	167	600	116	1,610	1,167	68	3,563
February	111	145	303	172	595	118	1,588	1,180	66	3,541
March	111	142	303	169	585	115	1,571	1,161	66	3,494
April	111	140	307	165	578	115	1,583	1,171	62	3,504
May	108	147	311	171	587	115	1,602	1,189	63	3,550
June	112	147	307	166	583	114	1,603	1,190	69	3,556
July	110	146	299	166	585	120	1,620	1,181	67	3,563
August	113	150	303	169	604	117	1,621	1,210	69	3,616
September	110	148	299	165	607	112	1,636	1,193	69	3,615
October	108	148	302	166	613	112	1,640	1,200	69	3,630
November	110	149	306	172	610	115	1,636	1,206	71	3,633
December	107	146	310	174	603	113	1,592	1,219	67	3,588

^a Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data are for the unified Germany, i.e., the former East Germany and West Germany.

^b "OECD Europe" consists of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.

^c "Other OECD" consists of Australia, New Zealand, and the U.S. Territories.

^d The Organization for Economic Cooperation and Development (OECD) consists of Canada, Japan, the United States, "OECD Europe" and "Other OECD."

E=Estimate; see Note 3 at end of section.

Notes: • Petroleum stocks include crude oil (including strategic reserves),

unfinished oils, natural gas plant liquids, and refined products. Petroleum stocks include all nonmilitary petroleum held for storage, regardless of ownership, within each country in bulk terminals, refinery tanks, pipeline tankage, intercoastal tankers, tankers in port, and inland ship bunkers. Data exclude oil held in pipelines (except for those in the United States), rail and truck cars, sea-going ships' bunkers, service stations, retail stores, and tankers at sea. • In the United States in January 1975, 1981, and 1983, numerous respondents were added to bulk terminal and pipeline surveys, affecting subsequent stocks reported. New basis end-of-year U.S. stocks, in million barrels, would have been 1,121 in 1974, 1,425 in 1980, and 1,461 in 1982. • Totals may not equal sum of components due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Sources: See end of section.

Table 10.4a Nuclear Electricity Gross Generation, 1973-1992: Regions and Total

(Billion Kilowatthours)

	North America	Central and South America	Western Europe	Far East	Africa	Total ^a
1973						
January	7.8	-	7.6	1.4	-	16.8
February	7.5	-	7.4	1.2	-	16.0
March	8.2	-	7.3	1.3	-	16.8
April	7.6	-	6.0	1.0	-	14.6
May	7.1	-	5.3	.7	-	13.1
June	8.2	-	5.1	.6	-	14.0
July	8.3	-	5.0	.9	-	14.2
August	9.3	-	4.9	1.1	-	15.2
September	9.4	-	5.4	1.1	-	15.9
October	9.3	-	5.7	1.1	-	16.1
November	10.0	-	6.8	.9	-	17.8
December	10.3	-	7.5	1.0	-	18.9
Total	103.1	-	73.9	12.3	-	189.3
1974						
January	9.5	-	7.9	1.2	-	18.7
February	10.1	-	7.6	1.4	-	19.1
March	10.7	(s)	8.3	1.5	-	20.5
April	8.9	.1	6.9	1.7	-	17.5
May	8.6	.1	6.4	1.2	-	16.2
June	9.7	.1	5.9	1.5	-	17.2
July	12.4	.1	5.6	1.9	-	20.0
August	14.7	.1	5.3	2.3	-	22.4
September	13.1	.2	6.2	2.1	-	21.6
October	13.1	.0	7.0	1.7	-	21.8
November	13.6	.1	7.7	2.2	-	23.6
December	15.5	.2	9.0	2.5	-	27.2
Total	139.7	1.0	83.9	21.4	-	246.0
1975						
January	16.1	.2	9.2	2.2	-	27.7
February	14.6	(s)	8.7	1.7	-	25.0
March	16.9	.2	9.7	1.5	-	28.3
April	15.1	.2	9.1	1.2	-	25.6
May	15.5	.2	8.4	1.9	-	26.0
June	14.2	.2	6.9	1.6	-	22.9
July	17.2	.2	8.3	1.9	-	27.7
August	18.0	.3	8.4	2.2	-	29.0
September	16.4	.2	9.7	2.1	-	28.4
October	16.5	.2	10.4	2.6	-	29.8
November	16.0	.2	10.9	2.9	-	30.0
December	18.9	.2	12.1	2.7	-	33.9
Total	195.5	2.5	111.7	24.4	-	334.1
1976						
January	18.3	.2	11.2	3.2	-	32.9
February	16.4	.2	11.2	2.9	-	30.7
March	16.1	.2	11.6	2.8	-	30.8
April	12.9	.2	10.5	3.2	-	26.8
May	14.2	.2	9.8	3.9	-	28.1
June	18.4	.2	8.6	3.2	-	30.4
July	20.5	.2	8.6	3.5	-	32.8
August	21.1	.3	9.2	3.8	-	34.3
September	19.6	.2	10.3	3.8	-	33.9
October	19.8	.2	10.9	3.5	-	34.4
November	18.4	.2	10.2	3.2	-	32.0
December	24.3	.1	14.0	3.4	-	41.8
Total	219.8	2.6	126.2	40.3	-	388.9
1977						
January	25.6	.0	12.2	2.3	-	40.1
February	22.9	.0	11.5	2.0	-	36.5
March	24.5	.0	14.3	2.1	-	40.9
April	23.0	(s)	13.1	2.0	-	38.0
May	23.8	.3	12.4	2.5	-	39.0
June	24.3	.3	11.6	2.4	-	38.6
July	25.8	.2	10.3	2.9	-	39.2
August	24.9	.2	10.5	3.2	-	38.9
September	22.6	.2	11.4	2.7	-	37.0
October	23.3	.1	11.8	2.6	-	37.8
November	22.5	.2	12.8	3.3	-	38.8
December	27.5	.2	16.0	3.5	-	47.3
Total	290.8	1.6	148.1	31.5	-	472.0

See footnotes at end of table.

**Table 10.4a Nuclear Electricity Gross Generation, 1973-1992: Regions and Total
(Continued)**

(Billion Kilowatthours)

	North America	Central and South America	Western Europe	Far East	Africa	Total ^a
1978						
January	30.5	0.3	15.1	3.7	—	49.5
February	25.8	.2	14.3	2.6	—	42.9
March	25.8	.1	16.1	4.0	—	46.1
April	21.2	.3	14.3	4.4	—	40.1
May	23.7	.3	12.5	5.2	—	41.8
June	26.0	.2	12.3	5.1	—	43.6
July	29.7	.3	11.6	6.4	—	47.9
August	29.7	.3	12.4	6.4	—	48.8
September	26.2	.3	13.3	5.6	—	45.3
October	27.3	.3	14.0	5.3	—	47.0
November	29.0	.3	14.4	5.3	—	49.0
December	30.4	.2	16.6	6.6	—	53.8
Total	325.4	2.9	166.9	60.6	—	555.9
1979						
January	33.0	.3	17.7	7.0	—	57.9
February	30.3	.2	15.8	5.8	—	52.0
March	28.4	.2	17.2	5.4	—	51.2
April	22.4	.3	15.4	4.8	—	42.9
May	18.5	.3	13.7	4.6	—	37.1
June	20.3	.2	13.4	5.7	—	39.6
July	26.3	.2	12.5	7.1	—	46.1
August	29.0	.3	11.3	7.9	—	48.5
September	26.1	.1	14.1	6.6	—	46.9
October	25.6	.2	16.5	7.3	—	49.6
November	23.2	.3	16.9	6.0	—	46.3
December	25.8	.2	19.9	6.6	—	52.5
Total	309.0	2.7	184.3	74.7	—	570.7
1980						
January	24.7	.3	21.1	9.2	—	55.3
February	24.4	.1	19.5	8.2	—	52.2
March	24.7	.0	19.4	9.3	—	53.4
April	23.0	.1	17.0	7.0	—	47.1
May	22.1	.2	15.3	7.1	—	44.7
June	22.5	.2	13.8	7.5	—	44.1
July	25.9	.2	14.3	9.2	—	49.6
August	29.6	.3	13.0	10.0	—	52.8
September	27.9	.3	16.5	8.5	—	53.2
October	29.0	.3	17.2	7.4	—	53.9
November	25.3	.3	20.5	6.7	—	52.8
December	26.7	.3	26.5	7.3	—	60.7
Total	305.8	2.3	214.2	97.4	—	619.8
1981						
January	28.9	.3	26.7	9.5	—	65.4
February	26.2	.2	24.4	8.1	—	58.8
March	27.0	.3	26.0	9.0	—	62.2
April	25.0	.2	23.9	9.0	—	58.2
May	24.3	.2	23.6	9.4	—	57.4
June	26.1	.2	22.5	8.2	—	57.0
July	28.8	.3	22.0	9.9	—	61.0
August	32.4	.2	21.8	9.9	—	64.4
September	28.9	.3	22.6	7.7	—	59.5
October	25.1	.2	23.7	7.4	—	56.3
November	27.6	.2	25.4	6.9	—	60.1
December	31.6	.2	30.8	7.9	—	70.6
Total	331.8	2.8	293.4	102.9	—	730.9
1982						
January	31.2	.3	30.6	9.6	—	71.6
February	24.5	.2	27.4	9.3	—	61.3
March	27.4	.3	28.7	10.7	—	67.1
April	26.5	.3	27.7	10.9	—	65.3
May	26.0	.3	25.1	10.5	—	61.8
June	28.6	.3	21.6	10.5	—	61.0
July	30.4	.2	22.6	11.5	—	64.6
August	30.3	.0	22.7	11.5	—	64.4
September	29.9	(s)	26.0	9.8	—	65.8
October	29.4	.0	26.3	9.6	—	65.3
November	27.5	(s)	28.1	9.6	—	65.3
December	29.6	.2	35.1	10.1	—	75.0
Total	341.2	1.9	321.8	123.6	—	788.5

See footnotes at end of table.

**Table 10.4a Nuclear Electricity Gross Generation, 1973-1992: Regions and Total
(Continued)**

(Billion Kilowatthours)

	North America	Central and South America	Western Europe	Far East	Africa	Total ^a
1983						
January	31.7	0.2	35.3	10.1	—	77.4
February	28.3	.2	29.9	8.1	—	66.6
March	29.7	.2	31.3	10.5	—	71.7
April	27.7	.3	27.8	10.8	—	66.5
May	27.8	.2	24.7	11.8	—	64.5
June	30.1	.3	25.4	12.1	—	67.8
July	32.2	.3	27.6	12.1	—	72.2
August	31.8	.3	30.0	13.3	—	75.4
September	30.7	.5	32.8	12.7	—	76.7
October	32.3	.3	35.1	13.1	—	80.8
November	30.8	.4	36.0	12.1	—	79.3
December	33.6	.4	41.2	13.4	—	88.6
Total	366.6	3.6	377.2	140.1	—	887.5
1984						
January	35.8	.7	42.7	13.3	—	92.6
February	34.0	.6	41.4	12.5	—	88.5
March	33.7	.7	42.6	12.2	—	89.2
April	29.0	.5	39.0	11.8	.1	80.5
May	30.9	.6	36.2	13.1	.1	80.9
June	30.2	.4	35.0	12.8	.3	78.8
July	33.8	.4	33.4	14.5	.5	82.6
August	36.5	.3	34.3	14.8	.7	86.5
September	34.2	.7	40.3	15.2	.7	91.1
October	31.3	.6	42.3	15.3	.7	90.3
November	30.9	.4	45.3	15.4	.5	92.5
December	37.2	.5	52.9	16.7	.6	107.9
Total	397.6	6.6	485.4	167.7	4.2	1,061.5
1985						
January	43.7	.6	53.6	15.9	.3	114.1
February	37.3	.7	48.2	14.4	.0	^R 100.5
March	38.3	.8	54.3	16.4	.0	^R 109.8
April	33.4	.5	47.0	16.3	.0	^R 97.1
May	32.1	.6	42.9	17.8	.0	^R 93.5
June	35.7	.8	40.3	16.7	.1	^R 93.6
July	42.7	.8	40.1	16.3	.8	^R 100.7
August	43.0	.6	41.6	16.5	1.0	^R 102.6
September	41.5	.8	46.6	16.9	1.0	^R 106.8
October	38.0	1.0	51.7	18.4	1.1	^R 110.1
November	37.8	1.0	55.3	16.9	.8	^R 111.8
December	42.2	1.0	61.1	19.6	.9	124.7
Total	465.6	9.1	582.8	202.0	5.9	^R 1,265.4
1986						
January	44.5	.7	61.6	20.4	1.0	128.1
February	40.3	.6	54.6	17.7	.6	113.8
March	38.1	.5	59.2	18.8	.7	117.3
April	38.2	.5	53.5	16.3	.7	109.2
May	39.4	.7	46.6	17.7	.7	105.1
June	38.6	.4	45.5	19.2	.2	103.8
July	43.4	.4	44.3	19.6	.6	108.3
August	46.1	.6	42.9	19.6	.7	^R 109.9
September	44.4	.6	48.6	18.1	.9	^R 112.5
October	44.8	.2	53.7	18.3	1.0	^R 118.1
November	42.8	.3	57.1	17.3	1.3	^R 118.8
December	48.2	.4	63.9	20.6	.9	^R 133.9
Total	508.8	5.8	631.5	223.6	9.3	^R 1,378.9
1987						
January	49.2	.7	63.6	21.7	.7	135.9
February	44.9	.5	59.4	19.5	.7	125.0
March	46.2	.6	63.8	21.0	.8	132.5
April	41.7	1.0	53.3	20.0	.5	116.5
May	41.1	1.1	46.8	21.0	.7	110.6
June	44.9	.7	43.4	21.3	.6	111.0
July	49.7	.7	42.6	22.0	.4	115.3
August	49.8	.1	43.5	21.5	.8	115.6
September	48.2	.4	51.7	22.6	.3	123.2
October	45.7	.0	54.3	23.3	.4	123.6
November	46.5	.0	59.8	22.9	.7	129.8
December	52.2	.5	66.3	22.8	.0	141.7
Total	560.1	6.2	648.3	259.5	6.6	1,480.7

See footnotes at end of table.

**Table 10.4a Nuclear Electricity Gross Generation, 1973-1992: Regions and Total
(Continued)**

(Billion Kilowatthours)

	North America	Central and South America	Western Europe	Far East	Africa	Total ^a
1988						
January	55.0	0.5	63.6	21.5	0.3	140.9
February	52.0	.5	58.5	18.9	.7	130.5
March	54.1	.5	59.8	20.7	1.1	136.1
April	49.1	.2	55.0	20.8	1.3	126.3
May	49.4	.2	50.8	21.2	1.4	123.0
June	52.9	.2	50.7	21.2	1.3	126.4
July	58.9	.7	50.2	22.7	1.3	133.8
August	59.1	.5	50.5	22.9	.8	R 133.7
September	55.5	.5	58.2	20.6	.7	135.5
October	51.1	.5	62.8	20.4	.7	135.5
November	48.4	.5	61.6	17.1	.7	128.4
December	54.1	.8	66.4	20.5	.9	142.7
Total	639.7	5.5	688.1	248.5	11.1	R 1,592.8
1989						
January	56.8	.7	71.5	21.3	1.1	151.4
February	47.7	.6	64.7	20.1	.5	133.7
March	49.5	.7	68.2	22.6	.6	141.6
April	42.6	.7	62.6	19.6	.7	126.2
May	47.0	.5	55.2	20.1	.7	123.5
June	50.9	.7	53.8	20.1	1.1	126.7
July	62.3	.7	51.1	24.4	1.1	139.7
August	64.6	(s)	52.2	26.1	1.1	144.0
September	53.6	.7	57.2	22.4	1.3	135.2
October	52.3	.5	62.5	22.3	1.3	138.8
November	51.8	.5	63.9	21.5	1.2	138.8
December	60.9	.4	69.4	22.8	1.1	154.6
Total	640.2	6.6	732.2	263.4	11.7	1,654.1
1990						
January	65.0	.6	71.2	22.0	.6	159.4
February	58.0	.7	60.5	19.2	.5	138.8
March	54.6	.7	64.2	22.5	.5	142.6
April	46.3	.7	62.3	22.7	.6	132.7
May	49.5	.8	56.8	23.9	1.2	132.3
June	53.6	.9	51.9	23.8	1.2	131.4
July	61.3	.8	52.5	27.8	1.1	143.5
August	64.5	.9	53.1	28.2	.8	147.6
September	57.0	.6	58.3	23.5	.6	140.0
October	53.3	.8	63.7	23.6	.6	142.0
November	54.8	1.0	65.3	21.7	.5	143.2
December	61.8	.9	74.1	23.7	.6	161.0
Total	681.3	9.4	738.6	284.3	8.9	1,722.5
1991						
January	64.7	.7	76.9	24.9	.6	167.8
February	58.0	.8	69.7	22.3	.5	151.3
March	59.9	.9	69.5	23.6	1.1	154.9
April	50.9	.9	61.1	19.8	.7	133.4
May	56.9	1.0	58.0	20.0	.7	136.6
June	64.4	.9	54.7	23.3	.6	143.9
July	71.9	.9	57.1	28.6	.7	159.1
August	70.3	.7	56.9	31.3	.7	160.0
September	61.1	.5	59.4	27.9	.8	149.7
October	56.7	.7	65.0	27.7	1.2	151.4
November	55.3	.7	67.3	26.0	1.1	150.4
December	63.3	.5	74.1	27.8	1.1	166.8
Total	733.4	9.2	769.7	303.3	9.7	1,825.2
1992						
January	68.0	.6	77.4	26.8	.9	173.7
February	62.3	.7	70.9	23.8	.4	158.1
March	56.2	.6	74.1	24.7	.4	156.1
April	51.2	.6	64.5	23.5	.4	140.2
May	53.4	.5	59.7	23.9	.7	138.2
June	59.7	.7	56.2	24.9	1.2	142.7
July	66.5	1.0	56.0	30.2	1.3	155.0
August	68.6	1.2	55.9	32.7	1.0	159.5
September	60.2	1.1	58.8	25.2	1.1	146.4
October	58.7	.4	65.5	24.7	1.0	150.3
November	61.0	.7	65.7	25.0	.6	153.1
December	69.5	.7	76.5	27.6	.8	175.1
Total	735.2	8.8	783.9	315.2	9.9	1,852.9

^a "Total" does not include Eastern Europe and the former U.S.S.R. See Note 5 at end of section.

R=Revised data. - =Not applicable. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants

themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for regions may not sum to totals due to independent rounding.

Source: See end of section.

Table 10.4b Nuclear Electricity Gross Generation, 1973-1992: North, Central, and South America

(Billion Kilowatthours)

	Canada	Mexico	United States	North America	Argentina	Brazil	Central and South America
1973							
January	1.3	—	6.5	7.8	—	—	—
February	1.2	—	6.2	7.5	—	—	—
March	1.2	—	7.0	8.2	—	—	—
April	1.3	—	6.3	7.6	—	—	—
May	1.1	—	6.0	7.1	—	—	—
June	1.1	—	7.1	8.2	—	—	—
July .....	.8	—	7.5	8.3	—	—	—
August	1.2	—	8.0	9.3	—	—	—
September	1.4	—	8.0	9.4	—	—	—
October	1.4	—	7.9	9.3	—	—	—
November	1.5	—	8.5	10.0	—	—	—
December	1.6	—	8.7	10.3	—	—	—
Total	15.3	—	87.8	103.1	—	—	—
1974							
January	1.5	—	8.0	9.5	—	—	—
February	1.5	—	8.6	10.1	—	—	—
March	1.4	—	9.3	10.7	(s)	—	(s)
April	1.2	—	7.7	8.9	.1	—	.1
May	1.3	—	7.2	8.6	.1	—	.1
June	1.1	—	8.6	9.7	.1	—	.1
July	1.2	—	11.2	12.4	.1	—	.1
August	1.3	—	13.4	14.7	.1	—	.1
September	1.2	—	11.9	13.1	.2	—	.2
October	1.2	—	11.9	13.1	.0	—	.0
November	1.2	—	12.4	13.6	.1	—	.1
December	1.2	—	14.3	15.5	.2	—	.2
Total	15.4	—	124.3	139.7	1.0	—	1.0
1975							
January	1.2	—	15.0	16.1	.2	—	.2
February	1.1	—	13.5	14.6	(s)	—	(s)
March	1.3	—	15.6	16.9	.2	—	.2
April	1.1	—	14.0	15.1	.2	—	.2
May	1.0	—	14.5	15.5	.2	—	.2
June .....	.9	—	13.3	14.2	.2	—	.2
July .....	.9	—	16.3	17.2	.2	—	.2
August	1.3	—	16.8	18.0	.3	—	.3
September	1.2	—	15.2	16.4	.2	—	.2
October	1.0	—	15.5	16.5	.2	—	.2
November	1.0	—	15.0	16.0	.2	—	.2
December	1.3	—	17.6	18.9	.2	—	.2
Total	13.2	—	182.3	195.5	2.5	—	2.5
1976							
January	1.3	—	17.0	18.3	.2	—	.2
February	1.2	—	15.1	16.4	.2	—	.2
March	1.3	—	14.8	16.1	.2	—	.2
April	1.3	—	11.6	12.9	.2	—	.2
May	1.5	—	12.7	14.2	.2	—	.2
June	1.7	—	16.7	18.4	.2	—	.2
July	1.8	—	18.7	20.5	.2	—	.2
August	1.7	—	19.3	21.1	.3	—	.3
September	1.3	—	18.3	19.6	.2	—	.2
October	1.5	—	18.3	19.8	.2	—	.2
November	1.5	—	16.9	18.4	.2	—	.2
December	1.8	—	22.5	24.3	.1	—	.1
Total	18.0	—	201.8	219.8	2.6	—	2.6
1977							
January	2.0	—	23.6	25.6	.0	—	.0
February	2.0	—	20.9	22.9	.0	—	.0
March	2.3	—	22.2	24.5	.0	—	.0
April	2.1	—	20.9	23.0	(s)	—	(s)
May	1.9	—	21.9	23.8	.3	—	.3
June	2.0	—	22.3	24.3	.3	—	.3
July	2.8	—	23.0	25.8	.2	—	.2
August	2.0	—	23.0	24.9	.2	—	.2
September	2.2	—	20.4	22.6	.2	—	.2
October	2.9	—	20.4	23.3	.1	—	.1
November	2.1	—	20.5	22.5	.2	—	.2
December	2.6	—	24.9	27.5	.2	—	.2
Total	26.6	—	264.2	290.8	1.6	—	1.6

See footnotes at end of table.

Table 10.4b Nuclear Electricity Gross Generation, 1973-1992: North, Central, and South America (Continued)

(Billion Kilowatthours)

	Canada	Mexico	United States	North America	Argentina	Brazil	Central and South America
1978							
January	3.4	—	27.1	30.5	0.3	—	0.3
February	2.8	—	22.9	25.8	.2	—	.2
March	2.0	—	23.8	25.8	.1	—	.1
April	2.8	—	18.4	21.2	.3	—	.3
May	2.5	—	21.3	23.7	.3	—	.3
June	2.7	—	23.3	26.0	.2	—	.2
July	3.4	—	26.3	29.7	.3	—	.3
August	2.4	—	27.3	29.7	.3	—	.3
September	2.5	—	23.7	26.2	.3	—	.3
October	2.8	—	24.6	27.3	.3	—	.3
November	2.7	—	26.4	29.0	.3	—	.3
December	3.0	—	27.4	30.4	.2	—	.2
Total	33.0	—	292.4	325.4	2.9	—	2.9
1979							
January	3.8	—	29.2	33.0	.3	—	.3
February	2.9	—	27.3	30.3	.2	—	.2
March	2.9	—	25.5	28.4	.2	—	.2
April	3.1	—	19.3	22.4	.3	—	.3
May	2.7	—	15.8	18.5	.3	—	.3
June	3.2	—	17.1	20.3	.2	—	.2
July	3.8	—	22.5	26.3	.2	—	.2
August	2.8	—	26.2	29.0	.3	—	.3
September	3.0	—	23.2	26.1	.1	—	.1
October	3.3	—	22.3	25.6	.2	—	.2
November	2.9	—	20.3	23.2	.3	—	.3
December	3.8	—	21.9	25.8	.2	—	.2
Total	38.4	—	270.6	309.0	2.7	—	2.7
1980							
January	3.6	—	21.1	24.7	.3	—	.3
February	3.5	—	21.0	24.4	.1	—	.1
March	3.7	—	21.0	24.7	.0	—	.0
April	3.2	—	19.8	23.0	.1	—	.1
May	2.5	—	19.6	22.1	.2	—	.2
June	3.1	—	19.4	22.5	.2	—	.2
July	3.6	—	22.4	25.9	.2	—	.2
August	3.9	—	25.7	29.6	.3	—	.3
September	3.1	—	24.8	27.9	.3	—	.3
October	3.3	—	25.7	29.0	.3	—	.3
November	3.4	—	21.9	25.3	.3	—	.3
December	3.5	—	23.1	26.7	.3	—	.3
Total	40.4	—	265.4	305.8	2.3	—	2.3
1981							
January	3.2	—	25.7	28.9	.3	—	.3
February	3.5	—	22.6	26.2	.2	—	.2
March	3.9	—	23.1	27.0	.3	—	.3
April	3.3	—	21.7	25.0	.2	—	.2
May	3.4	—	20.9	24.3	.2	—	.2
June	3.6	—	22.5	26.1	.2	—	.2
July	4.0	—	24.8	28.8	.3	—	.3
August	4.0	—	28.5	32.4	.2	—	.2
September	3.3	—	25.6	28.9	.3	—	.3
October	3.4	—	21.6	25.1	.2	—	.2
November	3.5	—	24.0	27.6	.2	—	.2
December	4.1	—	27.5	31.6	.2	—	.2
Total	43.3	—	288.5	331.8	2.8	—	2.8
1982							
January	4.1	—	27.1	31.2	.3	—	.3
February	3.2	—	21.3	24.5	.2	—	.2
March	3.5	—	24.0	27.4	.3	—	.3
April	3.7	—	22.8	26.5	.3	(s)	.3
May	3.1	—	22.8	26.0	.3	(s)	.3
June	3.3	—	25.3	28.6	.3	(s)	.3
July	3.6	—	26.8	30.4	.2	.0	.2
August	3.9	—	26.4	30.3	.0	.0	.0
September	3.2	—	26.7	29.9	(s)	.0	(s)
October	4.0	—	25.4	29.4	.0	.0	.0
November	3.3	—	24.2	27.5	(s)	.0	(s)
December	3.8	—	25.8	29.6	.2	.0	.2
Total	42.6	—	298.6	341.2	1.9	.1	1.9

See footnotes at end of table.

Table 10.4b Nuclear Electricity Gross Generation, 1973-1992: North, Central, and South America (Continued)

(Billion Kilowatthours)

	Canada	Mexico	United States	North America	Argentina	Brazil	Central and South America
1983							
January	4.3	—	27.4	31.7	0.2	0.0	0.2
February	4.5	—	23.8	28.3	.2	.0	.2
March	4.6	—	25.1	29.7	.2	(s)	.2
April	4.3	—	23.4	27.7	.2	(s)	.3
May	3.9	—	23.9	27.8	.2	.0	.2
June	4.4	—	25.7	30.1	.3	.0	.3
July	4.8	—	27.3	32.2	.3	.0	.3
August	3.8	—	27.9	31.8	.3	.0	.3
September	4.4	—	26.3	30.7	.5	.0	.5
October	4.7	—	27.6	32.3	.3	.0	.3
November	4.3	—	26.6	30.8	.4	(s)	.4
December	5.0	—	28.6	33.6	.4	.1	.4
Total	53.0	—	313.6	366.6	3.4	.2	3.6
1984							
January	5.0	—	30.8	35.8	.7	(s)	.7
February	4.6	—	29.4	34.0	.4	.2	.6
March	5.1	—	28.6	33.7	.6	.1	.7
April	4.3	—	24.7	29.0	.5	(s)	.5
May	3.6	—	27.3	30.9	.5	.1	.6
June	3.7	—	26.4	30.2	.4	.0	.4
July	4.4	—	29.4	33.8	.4	.0	.4
August	4.7	—	31.8	36.5	.3	(s)	.3
September	3.9	—	30.3	34.2	.4	.3	.7
October	4.5	—	26.8	31.3	.1	.5	.6
November	4.7	—	26.2	30.9	(s)	.4	.4
December	5.1	—	32.0	37.2	.1	.4	.5
Total	53.8	—	343.8	397.6	4.5	2.1	6.6
1985							
January	5.7	—	38.0	43.7	.2	.4	.6
February	5.0	—	^R 32.3	37.3	.4	.3	.7
March	5.9	—	^R 32.4	38.3	.5	.3	.8
April	5.2	—	^R 28.1	33.4	.4	.1	.5
May	2.4	—	^R 29.7	32.1	.4	.2	.6
June	4.2	—	^R 31.6	35.7	.4	.4	.8
July	5.7	—	^R 36.9	42.7	.5	.3	.8
August	^R 5.9	—	^R 37.1	43.0	.5	.1	.6
September	5.4	—	^R 36.1	41.5	.5	.3	.8
October	5.1	—	^R 32.9	38.0	.6	.4	1.0
November	5.8	—	^R 32.0	37.8	.7	.3	1.0
December	6.5	—	35.7	42.2	.7	.3	1.0
Total	62.9	—	^R 402.7	465.6	5.8	3.4	9.1
1986							
January	6.5	—	38.1	44.5	.6	(s)	.7
February	6.2	—	34.1	40.3	.6	.0	.6
March	7.0	—	31.2	38.1	.5	.0	.5
April	6.0	—	32.2	38.2	.5	.0	.5
May	5.7	—	33.7	39.4	.7	.0	.7
June	5.4	—	33.2	38.6	.4	.0	.4
July	5.3	—	38.0	43.4	.4	.0	.4
August	6.6	—	^R 39.4	46.1	.6	.0	.6
September	6.2	—	^R 38.2	44.4	.6	.0	.6
October	6.6	—	^R 38.1	44.8	.2	.0	.2
November	6.4	—	^R 36.4	42.8	.2	(s)	.3
December	6.7	—	^R 41.5	48.2	.3	.1	.4
Total	74.6	—	^R 434.1	508.8	5.7	.1	5.8
1987							
January	7.2	—	42.0	49.2	.7	.0	.7
February	6.7	—	38.2	44.9	.5	.0	.5
March	7.0	—	39.2	46.2	.6	(s)	.6
April	6.7	—	35.0	41.7	.7	.3	1.0
May	4.8	—	36.3	41.1	.6	.4	1.1
June	6.5	—	38.4	44.9	.4	.3	.7
July	6.8	—	42.9	49.7	.7	.0	.7
August	6.5	—	43.2	49.8	.1	.0	.1
September	6.3	—	41.9	48.2	.4	.0	.4
October	7.4	—	38.3	45.7	.0	.0	.0
November	7.1	—	39.4	46.5	.0	.0	.0
December	7.5	—	44.7	52.2	.5	.0	.5
Total	80.6	—	479.5	560.1	5.2	1.0	6.2

See footnotes at end of table.

Table 10.4b Nuclear Electricity Gross Generation, 1973-1992: North, Central, and South America (Continued)

(Billion Kilowatthours)

	Canada	Mexico	United States	North America	Argentina	Brazil	Central and South America
1988							
January	7.7	-	47.4	55.0	0.5	0.0	0.5
February	7.5	-	44.5	52.0	.5	.0	.5
March	7.9	-	46.2	54.1	.5	.0	.5
April	6.9	-	42.2	49.1	.2	.0	.2
May	6.7	-	42.7	49.4	.2	.0	.2
June	6.6	-	46.3	52.9	.2	.0	.2
July	7.2	-	51.7	58.9	.7	.0	.7
August	7.4	-	51.7	59.1	.5	.0	.5
September	6.9	-	48.7	55.5	.5	.0	.5
October	6.6	-	44.6	51.1	.5	.0	.5
November	6.7	-	41.7	48.4	.5	.0	.5
December	7.7	-	46.4	54.1	.5	.3	.8
Total	85.6	-	554.1	639.7	5.1	.3	5.5
1989							
January	8.1	-	48.7	56.8	.5	.2	.7
February	6.9	-	40.8	47.7	.4	.2	.6
March	7.7	-	41.8	49.5	.5	.2	.7
April	7.3	-	35.3	42.6	.4	.3	.7
May	6.2	-	40.8	47.0	.5	(s)	.5
June	5.8	-	45.1	50.9	.5	.2	.7
July	7.1	-	55.2	62.3	.5	.2	.7
August	6.9	-	57.6	64.6	(s)	.0	(s)
September	6.6	-	47.0	53.6	.5	.2	.7
October	6.6	-	45.7	52.3	.5	.0	.5
November	6.3	-	45.6	51.8	.5	.0	.5
December	7.6	-	53.3	60.9	.4	.0	.4
Total	83.2	-	557.0	640.2	5.0	1.6	6.6
1990							
January	7.3	-	57.7	65.0	.5	.1	.6
February	5.8	-	52.3	58.0	.4	.2	.7
March	6.2	-	48.4	54.6	.7	.0	.7
April	5.8	-	40.6	46.3	.6	.1	.7
May	4.4	-	45.1	49.5	.6	.2	.8
June	5.1	-	48.5	53.6	.7	.2	.9
July	6.6	-	54.7	61.3	.7	.1	.8
August	6.2	.4	57.9	64.5	.7	.3	.9
September	5.5	.4	51.1	57.0	.5	.1	.6
October	7.1	.5	45.6	53.3	.6	.2	.8
November	7.0	.4	47.4	54.8	.7	.3	1.0
December	7.2	.4	54.2	61.8	.7	.2	.9
Total	75.8	2.1	603.4	681.3	7.4	2.0	9.4
1991							
January	7.6	.5	56.6	64.7	.5	.2	.7
February	7.3	.4	50.2	58.0	.6	.2	.8
March	7.8	.5	51.6	59.9	.6	.2	.9
April	6.7	.5	43.8	50.9	.7	.2	.9
May	7.2	.5	49.2	56.9	.7	.2	1.0
June	7.1	.4	56.9	64.4	.7	.2	.9
July	7.7	.4	63.7	71.9	.7	.2	.9
August	8.6	.4	61.4	70.3	.7	.0	.7
September	6.7	.0	54.4	61.1	.5	.0	.5
October	6.6	.0	50.2	56.7	.7	.0	.7
November	6.3	.2	48.7	55.3	.7	.0	.7
December	6.5	.5	56.3	63.3	.5	.0	.5
Total	86.1	4.2	643.0	733.4	7.7	1.4	9.2
1992							
January	6.9	.5	60.6	68.0	.6	.0	.6
February	6.4	.4	55.4	62.3	.7	.0	.7
March	7.4	.5	48.3	56.2	.6	.0	.6
April	6.4	.5	44.3	51.2	.6	.0	.6
May	4.8	.5	48.1	53.4	.5	.0	.5
June	5.6	.3	53.7	59.7	.6	.1	.7
July	7.2	.3	59.0	66.5	.7	.3	1.0
August	6.9	.2	61.6	68.6	.7	.4	1.2
September	6.9	.0	53.2	60.2	.7	.3	1.1
October	7.2	(s)	51.5	58.7	.3	.1	.4
November	7.4	.4	53.2	61.0	.4	.3	.7
December	8.0	.4	61.0	69.5	.6	.1	.7
Total	81.3	3.9	650.0	735.2	7.1	1.8	8.8

R=Revised data. - =Not applicable. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants themselves. • Monthly data may not sum to annual totals due to independent

rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding. • U.S. geographic coverage is the 50 States and the District of Columbia.

Source: See end of section.

Table 10.4c Nuclear Electricity Gross Generation, 1973-1992: Western Europe
(Billion Kilowatthours)

	Belgium	Finland	France	Germany ^a	Italy ^b	Netherlands	Spain	Sweden	Switzerland	United Kingdom ^c	Western Europe
1973											
January	-	-	1.6	1.2	0.3	(s)	0.5	0.3	0.7	2.9	7.6
February	-	-	1.5	1.2	.3	(s)	.6	.3	.6	2.8	7.4
March	-	-	1.5	1.1	.2	(s)	.4	.3	.7	3.1	7.3
April	-	-	1.4	1.1	.1	(s)	.4	.1	.5	2.3	6.0
May	-	-	1.1	.9	.1	.0	.6	(s)	.5	2.0	5.3
June	-	-	.6	.9	.1	(s)	.7	(s)	.6	2.1	5.1
July	-	-	.8	.8	.2	(s)	.7	.1	.6	1.8	5.0
August	-	-	.8	.9	.3	.1	.6	.0	.2	1.9	4.9
September	-	-	1.2	.6	.3	.2	.3	.2	.3	2.3	5.4
October	-	-	1.4	.8	.4	.2	.4	.3	.5	1.8	5.7
November	-	-	1.4	1.1	.4	.2	.6	.3	.5	2.3	6.8
December	-	-	1.4	1.3	.4	.1	.7	.1	.6	2.9	7.5
Total	-	-	14.7	11.9	3.1	1.1	6.5	2.1	6.2	28.2	73.9
1974											
January	-	-	1.5	1.4	.4	.3	.5	.4	.5	3.0	7.9
February	-	-	1.3	1.0	.4	.2	.6	.3	.7	3.0	7.6
March	-	-	1.5	1.0	.4	.2	.6	.2	.7	3.7	8.3
April	-	-	1.3	.9	.3	.2	.3	.3	.7	2.9	6.9
May	-	-	1.0	.8	.4	.3	.4	.2	.6	2.7	6.4
June	-	-	1.1	.4	.3	.3	.7	.0	.4	2.8	5.9
July	-	-	.8	.8	.2	.3	.7	.0	.4	2.2	5.6
August	(s)	-	.8	.8	.2	.3	.7	(s)	.3	2.2	5.3
September	(s)	-	1.1	1.0	.1	.2	.7	.0	.5	2.6	6.2
October	(s)	-	1.5	1.3	.1	.2	.6	.1	.6	2.5	7.0
November	(s)	-	1.3	1.3	.2	.3	.7	.3	.8	2.7	7.7
December	(s)	-	1.5	1.4	.4	.3	.7	.5	.8	3.4	9.0
Total .....	.1	-	14.7	12.0	3.4	3.3	7.2	2.3	7.0	33.8	83.9
1975											
January .....	.2	-	1.9	1.5	.4	.2	.7	.8	.8	2.8	9.2
February .....	.2	-	1.6	1.5	.3	(s)	.7	.8	.7	2.8	8.7
March .....	.3	-	1.6	1.5	.4	(s)	.5	1.0	.8	3.5	9.7
April .....	.3	-	1.4	1.9	.3	.3	.4	1.1	.8	2.6	9.1
May .....	.3	-	1.6	1.6	.3	.4	.5	1.0	.7	1.9	8.4
June .....	.2	-	1.1	1.2	.3	.4	.6	.4	.5	2.2	6.9
July .....	.5	-	1.5	2.0	.3	.4	.7	.7	.5	1.7	8.3
August .....	.9	-	1.5	2.0	.3	.3	.7	.5	.3	1.9	8.4
September .....	.8	-	1.4	2.1	.3	.3	.7	1.0	.6	2.5	9.7
October .....	.9	-	1.5	2.2	.2	.3	.7	1.5	.7	2.5	10.4
November	1.1	-	1.5	2.0	.3	.4	.7	1.5	.7	2.7	10.9
December	1.0	-	1.6	2.2	.3	.4	.6	1.9	.7	3.4	12.1
Total	6.8	-	18.3	21.7	3.8	3.3	7.5	12.0	7.7	30.5	111.7
1976											
January	1.0	-	1.6	2.2	.4	.4	.7	1.5	.8	2.8	11.2
February	1.1	-	1.7	2.2	.3	.2	.7	1.5	.7	2.8	11.2
March .....	.9	-	1.5	2.3	.3	(s)	.7	1.3	.8	3.9	11.6
April	1.0	-	1.5	1.9	.2	.3	.5	1.6	.7	2.8	10.5
May	1.1	-	1.7	1.2	.2	.4	.4	1.5	.6	2.7	9.8
June .....	.9	-	1.3	1.4	.2	.4	.5	1.0	.3	2.7	8.6
July	1.0	-	1.0	1.4	.4	.4	.8	.8	.5	2.2	8.6
August .....	.8	-	1.1	1.5	.4	.4	.8	1.1	.5	2.6	9.2
September	1.1	-	.9	1.9	.3	.4	.4	1.0	.7	3.5	10.3
October .....	.5	-	1.0	2.6	.4	.4	.7	1.4	.8	3.2	10.9
November .....	.3	-	1.1	2.2	.4	.4	.7	1.2	.7	3.2	10.2
December .....	.2	-	1.4	3.8	.4	.4	.8	2.0	.8	4.4	14.0
Total	10.0	-	15.8	24.5	3.8	3.9	7.6	16.0	7.9	36.8	126.2
1977											
January .....	.3	-	1.6	3.4	.4	.1	.6	1.9	.8	3.1	12.2
February .....	.3	(s)	1.5	3.1	.3	.1	.6	1.6	.7	3.4	11.5
March .....	.8	.2	1.5	3.7	.4	.3	.6	1.8	.8	4.1	14.3
April	1.0	.2	1.5	3.5	.4	.3	.4	1.7	.8	3.2	13.1
May	1.2	.3	1.4	3.7	.3	.4	.4	1.2	.7	2.7	12.4
June	1.2	.2	1.2	3.3	.2	.4	.4	1.1	.5	3.3	11.6
July	1.2	.3	1.1	2.7	.2	.4	.4	1.2	.4	2.5	10.3
August	1.2	.3	1.0	2.4	.2	.4	.4	1.3	.3	3.1	10.5
September	1.2	.3	1.4	1.6	.2	.4	.5	1.4	.7	3.7	11.4
October	1.2	.3	1.9	2.0	.2	.4	.7	1.6	.8	2.7	11.8
November .....	.9	.3	1.9	3.1	.3	.2	.7	2.3	.8	2.3	12.8
December	1.2	.3	2.1	3.6	.3	.3	.7	2.7	.8	4.0	16.0
Total	11.9	2.7	17.9	36.0	3.4	3.7	6.5	19.9	8.1	38.1	148.1

See footnotes at end of table.

**Table 10.4c Nuclear Electricity Gross Generation, 1973-1992: Western Europe
(Continued)**

(Billion Kilowatthours)

	Belgium	Finland	France	Germany ^a	Italy ^b	Netherlands	Spain	Sweden	Switzerland	United Kingdom ^c	Western Europe
1978											
January	0.9	0.3	2.5	3.3	0.3	0.4	0.7	2.6	0.8	3.3	15.1
February .....	.3	.1	2.5	3.5	.3	.3	.6	2.3	.7	3.5	14.3
March .....	.7	(s)	2.5	4.1	.3	.4	.7	2.5	.8	4.1	16.1
April	1.1	.3	2.7	2.9	.4	.4	.6	2.0	.7	3.2	14.3
May	1.3	.3	2.1	3.3	.4	.4	.1	1.5	.7	2.4	12.5
June	1.2	.2	1.9	2.4	.4	.4	.5	1.7	.5	3.1	12.3
July	1.2	.3	2.1	2.3	.5	.4	.8	1.1	.5	2.5	11.6
August	1.3	.3	2.4	2.9	.5	.4	.7	1.0	.4	2.6	12.4
September	1.2	.3	2.7	2.4	.3	.4	.7	1.8	.7	2.7	13.3
October	1.2	.3	3.1	2.5	.3	.1	.7	2.3	.8	2.6	14.0
November .....	.9	.3	3.0	2.9	.4	.2	.7	2.3	.8	2.9	14.4
December	1.2	.4	3.1	3.3	.5	.4	.7	2.6	.8	3.7	16.6
Total	12.5	3.3	30.6	35.7	4.5	4.1	7.6	23.8	8.3	36.6	166.9
1979											
January .....	.8	.5	3.8	4.2	.4	.4	.5	2.3	.8	3.8	17.7
February .....	.6	.5	3.5	3.4	.3	.4	.6	2.0	.8	3.8	15.8
March .....	.8	.5	3.2	3.8	.2	.4	.7	2.7	1.0	4.0	17.2
April	1.0	.6	3.2	3.8	.3	.2	.6	1.4	1.0	3.2	15.4
May	1.3	.5	3.3	3.5	.2	.3	.1	1.3	1.0	2.3	13.7
June	1.2	.4	3.0	3.3	.1	.4	.3	1.0	.8	3.1	13.4
July	1.0	.5	2.6	3.3	.0	.4	.3	1.0	.7	2.6	12.5
August .....	.6	.4	2.3	2.9	.1	.3	.7	1.1	.6	2.4	11.3
September .....	.8	.7	3.1	2.6	.2	.4	.7	1.4	1.1	3.1	14.1
October	1.1	.8	3.8	3.7	.2	.3	.7	2.0	1.1	2.8	16.5
November	1.0	.6	3.6	3.8	.2	(s)	.7	2.3	1.4	3.3	16.9
December	1.3	.7	4.6	4.1	.4	.1	.7	2.5	1.5	4.1	19.9
Total	11.4	6.7	39.9	42.2	2.6	3.5	6.7	21.0	11.8	38.5	184.3
1980											
January	1.2	.8	5.5	4.7	.2	.4	.7	2.5	1.5	3.7	21.1
February	1.0	.8	5.3	4.2	.4	.4	.3	2.4	1.2	3.4	19.5
March	1.0	.8	5.1	3.4	.5	.4	.4	2.3	1.3	4.2	19.4
April .....	.5	.8	5.0	3.6	.4	.3	.4	1.9	1.4	2.7	17.0
May .....	.7	.3	4.2	3.5	.3	.3	.4	1.6	1.4	2.6	15.3
June	1.1	.0	4.1	2.9	.1	.3	.3	1.6	.6	2.8	13.8
July	1.3	.4	4.8	3.0	.1	.4	.3	1.4	.6	2.0	14.3
August	1.3	.4	3.2	2.7	.1	.4	.4	1.3	.7	2.6	13.0
September	1.1	.4	4.5	3.2	.1	.4	.4	2.1	1.3	3.1	16.5
October .....	.9	.5	5.1	3.1	.0	.3	.4	2.7	1.4	2.7	17.2
November	1.1	.6	5.8	4.1	.0	.3	.5	3.4	1.4	3.2	20.5
December	1.2	1.2	8.5	5.3	.0	.3	.7	3.6	1.5	4.2	26.5
Total	12.5	7.0	61.2	43.7	2.2	4.2	5.2	26.7	14.3	37.2	214.2
1981											
January	1.2	1.3	9.3	5.0	.2	.1	.8	3.5	1.5	3.8	26.7
February	1.0	.9	8.6	4.6	.3	(s)	.6	3.6	1.4	3.4	24.4
March .....	.6	1.4	8.8	4.9	.1	.3	.7	3.7	1.5	4.2	26.0
April .....	.7	1.5	8.3	4.4	.6	.4	.6	3.3	1.4	2.8	23.9
May	1.2	1.0	8.9	4.3	.3	.4	.8	2.8	1.4	2.5	23.6
June	1.2	.7	8.3	4.1	.1	.4	.8	2.8	.7	3.3	22.5
July	1.3	.8	8.4	5.2	.3	.4	1.1	1.4	.6	2.5	22.0
August	1.2	1.4	7.7	3.9	.1	.4	1.0	2.6	1.0	2.5	21.8
September .....	.9	1.5	8.5	3.3	.1	.4	.6	3.0	1.3	3.1	22.6
October	1.0	1.4	8.1	4.0	.1	.4	1.2	3.3	1.5	2.7	23.7
November	1.3	1.3	9.3	4.3	.1	.4	.6	3.6	1.4	3.1	25.4
December	1.3	1.2	11.0	5.4	.4	.3	.7	4.1	1.5	4.9	30.8
Total	12.8	14.5	105.2	53.4	2.7	3.7	9.4	37.7	15.2	38.9	293.4
1982											
January	1.3	1.5	11.0	5.9	.6	.4	1.0	4.0	1.5	3.4	30.6
February .....	.8	1.5	10.0	5.4	.7	.1	.9	3.3	1.3	3.5	27.4
March .....	.5	1.7	10.6	5.3	.7	(s)	.5	3.8	1.5	4.1	28.7
April	1.0	1.6	10.1	5.3	.5	.3	.4	3.8	1.4	3.3	27.7
May	1.3	1.3	9.0	5.6	.7	.4	.5	2.5	1.2	2.6	25.1
June	1.3	.9	7.8	4.2	.6	.4	.7	2.0	.6	3.3	21.6
July	1.5	1.2	8.3	4.5	.6	.4	.6	1.2	.9	3.3	22.6
August	1.5	1.5	7.0	4.5	.4	.4	.7	2.0	1.0	3.7	22.7
September	1.1	1.5	7.2	5.4	.6	.4	.7	3.7	1.2	4.2	26.0
October	1.8	1.4	6.6	5.2	.6	.4	1.0	4.2	1.5	3.7	26.3
November	1.8	1.3	8.3	5.8	.3	.4	.9	4.0	1.4	3.8	28.1
December	1.8	1.3	13.0	6.5	.5	.4	.9	4.2	1.5	5.1	35.1
Total	15.6	16.5	108.9	63.4	6.8	3.9	8.8	38.8	15.0	44.1	321.8

See footnotes at end of table.

**Table 10.4c Nuclear Electricity Gross Generation, 1973-1992: Western Europe
(Continued)**

(Billion Kilowatthours)

	Belgium	Finland	France	Germany ^a	Italy ^b	Netherlands	Spain	Sweden	Switzerland	United Kingdom ^c	Western Europe
1983											
January	1.9	1.7	13.8	6.5	0.2	0.4	1.0	4.2	1.5	4.3	35.3
February	1.4	1.5	10.9	5.6	.1	(s)	.9	3.7	1.4	4.3	29.9
March .....	.7	1.6	11.3	6.0	.1	(s)	.9	4.1	1.5	4.9	31.3
April	1.6	1.5	10.5	4.0	.1	.2	.8	3.3	1.5	4.3	27.8
May	2.5	1.2	9.6	2.9	.7	.3	.4	2.4	1.2	3.4	24.7
June	2.5	1.0	9.3	4.2	.7	.4	.6	2.4	.5	3.9	25.4
July	2.5	1.3	11.0	5.1	.7	.4	.6	1.6	1.2	3.4	27.6
August	2.4	1.6	12.1	4.6	.5	.4	1.0	2.7	1.0	3.7	30.0
September	2.2	1.5	12.4	6.0	.6	.4	1.0	3.0	1.4	4.4	32.8
October	2.2	1.4	13.0	7.6	.6	.4	1.1	3.6	1.5	3.7	35.1
November	2.0	1.5	13.4	7.1	.7	.4	1.1	4.5	1.4	3.9	36.0
December	2.1	1.7	16.8	6.2	.7	.4	1.4	5.0	1.5	5.5	41.2
Total	24.1	17.4	144.2	65.8	5.8	3.6	10.7	40.4	15.5	49.6	377.2
1984											
January	2.7	1.7	18.0	6.9	.4	.3	1.5	5.3	1.5	4.4	42.7
February	2.3	1.6	17.1	6.8	.6	.4	1.5	5.0	1.4	4.6	41.4
March	1.9	1.7	17.8	7.1	.7	.2	1.4	5.4	1.5	4.8	42.6
April	2.4	1.6	15.4	7.7	.3	.2	1.3	4.5	1.5	4.2	39.0
May	2.0	1.2	14.2	7.2	.3	.4	1.9	3.3	1.3	4.3	36.2
June	2.6	1.3	13.1	7.1	.3	.4	2.2	2.8	.6	4.7	35.0
July	2.4	1.4	13.1	6.2	.3	.2	2.5	2.4	1.3	3.7	33.4
August	1.9	1.4	13.2	6.3	.8	.3	2.3	3.5	1.0	3.6	34.3
September	1.9	1.5	14.7	8.1	.8	.4	2.6	4.2	1.4	4.9	40.3
October	2.5	1.8	16.0	8.5	.8	.4	1.8	5.0	1.5	4.1	42.3
November	2.6	1.7	17.8	9.9	.8	.4	1.9	4.5	1.5	4.4	45.3
December	2.6	1.7	20.9	10.8	.8	.4	2.2	5.4	1.9	6.3	52.9
Total	27.7	18.5	191.2	92.6	6.9	3.8	23.1	51.3	16.3	54.1	485.4
1985											
January	2.5	1.7	21.9	10.8	.8	.4	2.2	5.4	2.2	5.7	53.6
February	1.7	1.6	19.2	10.1	.7	.3	1.9	5.0	2.0	5.6	48.2
March	2.0	1.8	20.6	11.7	.8	.2	2.8	5.6	2.2	6.6	54.3
April	2.2	1.6	17.7	10.6	.7	(s)	2.4	4.5	2.2	5.1	47.0
May	2.8	1.2	15.9	9.3	.7	.2	2.3	3.9	1.9	4.7	42.9
June	2.8	1.2	13.6	9.6	.6	.4	3.1	2.6	1.2	5.1	40.3
July	2.5	1.4	16.1	8.4	.6	.4	2.2	3.1	1.3	4.1	40.1
August	3.2	1.5	15.4	9.5	.5	.4	2.1	4.3	1.0	3.8	41.6
September	3.3	1.6	17.2	10.3	.3	.4	2.1	4.7	1.7	4.9	46.6
October	3.9	1.7	20.0	11.3	.3	.4	2.2	5.4	2.2	4.3	51.7
November	3.9	1.7	22.1	11.8	.3	.4	2.2	7.0	2.2	R 3.8	55.3
December	3.8	1.7	24.4	12.4	.6	.4	2.6	6.9	2.2	6.0	61.1
Total	34.5	18.8	224.0	125.8	7.0	3.9	28.0	58.6	22.4	R 59.7	582.8
1986											
January	3.8	1.8	25.6	12.1	.9	.4	3.1	6.8	2.3	4.8	61.6
February	2.8	1.6	22.8	10.4	.5	.1	2.5	6.4	2.1	5.3	54.6
March	3.6	1.8	23.6	10.8	.9	.3	2.4	7.2	2.3	6.4	59.2
April	3.7	1.7	21.0	9.8	.9	.4	3.0	6.7	2.2	4.2	53.5
May	3.2	1.4	16.3	9.7	.7	.4	3.6	4.8	2.1	4.4	46.6
June	2.9	1.1	16.7	9.2	.9	.4	3.9	4.1	1.2	5.1	45.5
July	3.0	1.3	18.8	8.1	.9	.4	3.1	3.8	.9	4.1	44.3
August	3.1	1.4	16.5	8.2	.9	.4	2.9	4.3	1.0	4.2	42.9
September	3.1	1.5	19.0	9.2	.9	.4	2.7	5.1	1.9	4.9	48.6
October	3.2	1.8	22.4	8.9	.8	.4	3.4	6.5	2.3	4.1	53.7
November	3.0	1.7	24.1	10.4	.3	.3	3.4	6.9	2.1	4.8	57.1
December	3.3	1.7	27.4	12.1	.1	.4	3.2	7.3	2.2	6.1	63.9
Total	38.6	18.8	254.3	118.9	8.7	4.2	37.5	69.9	22.5	58.2	631.5
1987											
January	4.1	1.8	27.3	12.2	.1	.2	3.4	7.2	2.3	5.0	63.6
February	3.6	1.6	25.2	11.8	.1	(s)	3.3	6.6	2.1	5.2	59.4
March	3.4	1.8	25.8	12.6	(s)	.1	4.0	7.1	2.3	6.7	63.8
April	3.3	1.7	20.6	10.7	.0	.4	3.7	6.1	2.2	4.6	53.3
May	2.9	1.3	20.2	8.7	.0	.4	2.1	4.8	1.9	4.4	46.8
June	2.3	1.3	19.7	8.6	.0	.4	2.5	3.5	1.1	4.1	43.4
July	3.2	1.4	18.3	8.6	.0	.4	3.3	2.7	1.3	3.4	42.6
August	3.6	1.6	16.1	9.3	.0	.4	3.3	4.1	1.0	4.0	43.5
September	3.6	1.7	20.1	10.3	.0	.4	3.5	5.1	1.9	5.1	51.7
October	3.6	1.8	20.6	12.0	.0	.2	3.9	6.0	2.3	3.9	54.3
November	4.0	1.7	24.5	12.5	.0	.4	3.9	6.8	2.2	3.7	59.8
December	4.3	1.8	27.0	12.9	.0	.4	4.1	7.2	2.3	6.2	66.3
Total	41.9	19.4	265.5	130.2	.2	3.6	41.2	67.2	23.0	56.2	648.3

See footnotes at end of table.

Table 10.4c Nuclear Electricity Gross Generation, 1973-1992: Western Europe (Continued)

(Billion Kilowatthours)

	Belgium	Finland	France	Germany ^a	Italy ^b	Netherlands	Spain	Sweden	Switzerland	United Kingdom ^c	Western Europe
1988											
January	3.9	1.8	26.1	13.1	0.0	0.3	4.2	7.2	2.3	4.9	63.6
February	3.2	1.6	24.5	12.4	.0	(s)	3.4	6.8	2.2	4.3	58.5
March	3.7	1.8	26.0	13.5	.0	(s)	3.5	7.2	2.3	1.8	59.8
April	3.4	1.7	21.0	11.4	.0	.2	3.7	6.8	2.2	4.5	55.0
May	3.3	1.3	18.9	11.0	.0	.4	4.4	5.4	2.0	4.3	50.8
June	2.7	1.4	20.1	10.6	.0	.4	4.4	4.3	1.2	5.7	50.7
July	3.3	1.2	20.6	10.6	.0	.4	3.8	3.7	1.3	5.1	50.2
August	3.8	1.5	20.9	10.0	.0	.4	^R 4.0	3.6	1.0	5.3	50.5
September	3.9	1.7	23.4	12.2	.0	.4	4.6	4.5	1.5	6.0	58.2
October	3.9	1.8	24.0	13.7	.0	.4	4.9	6.6	2.3	5.3	62.8
November	3.9	1.7	23.3	13.4	.0	.4	5.0	6.7	2.2	5.0	61.6
December	4.1	1.8	26.1	13.2	.0	.4	4.6	6.7	2.3	7.2	66.4
Total	43.1	19.3	274.9	145.2	.0	3.7	^R 50.4	69.4	22.7	59.4	688.1
1989											
January	4.1	1.8	30.5	13.5	.0	.4	4.9	7.2	2.3	6.8	71.5
February	3.4	1.6	27.1	13.5	.0	(s)	4.2	6.5	2.1	6.3	64.7
March	3.6	1.8	27.8	14.8	.0	.2	4.2	6.7	2.3	6.7	68.2
April	3.0	1.7	25.5	13.4	.0	.4	4.8	5.6	2.2	5.9	62.6
May	3.0	1.2	23.2	11.1	.0	.4	4.7	3.9	2.0	5.7	55.2
June	3.0	1.6	23.9	9.6	.0	.4	4.2	3.3	1.2	6.7	53.8
July	3.2	1.4	23.7	8.7	.0	.4	5.4	2.6	1.1	4.8	51.1
August	3.7	1.5	21.0	11.4	.0	.4	5.2	3.3	1.0	4.8	52.2
September	3.3	1.3	22.6	11.4	.0	.4	4.6	5.0	1.9	6.6	57.2
October	3.6	1.4	24.6	13.5	.0	.4	4.7	6.8	2.3	5.2	62.5
November	3.6	1.7	24.9	14.2	.0	.4	4.6	7.0	2.2	5.3	63.9
December	3.6	1.8	27.8	14.4	.0	.4	4.7	7.5	2.3	6.9	69.4
Total	41.2	18.8	302.5	149.6	.0	4.0	56.1	65.6	22.8	71.6	732.2
1990											
January	3.9	1.8	28.7	15.4	.0	.3	5.4	7.4	2.3	6.0	71.2
February	3.5	1.6	23.5	12.8	.0	(s)	4.5	6.6	2.1	5.8	60.5
March	4.2	1.7	25.8	13.2	.0	(s)	4.5	6.4	2.3	6.2	64.2
April	3.6	1.7	26.6	12.8	.0	(s)	4.8	5.4	2.2	5.2	62.3
May	2.9	1.3	23.9	12.2	.0	.4	4.1	4.8	2.1	5.2	56.8
June	2.9	1.3	23.3	9.8	.0	.3	3.5	4.3	1.3	5.2	51.9
July	3.5	1.6	23.9	10.0	.0	.4	4.4	2.7	1.7	4.2	52.5
August	3.7	1.2	23.3	9.3	.0	.4	5.0	4.2	1.0	4.9	53.1
September	3.3	1.4	26.5	9.6	.0	.4	4.1	5.2	1.9	5.9	58.3
October	3.4	1.8	27.6	13.0	.0	.4	3.9	6.7	2.3	4.8	63.7
November	3.6	1.7	25.8	13.9	.0	.4	4.7	7.0	2.2	6.0	65.3
December	4.3	1.8	30.4	15.2	.0	.4	5.4	7.4	2.3	6.9	74.1
Total	42.7	18.9	314.1	147.2	.0	3.4	54.3	68.2	23.6	66.1	738.6
1991											
January	4.2	1.8	33.5	15.2	.0	.3	5.3	7.6	2.3	6.6	76.9
February	3.9	1.6	30.0	13.6	.0	.2	4.6	6.9	2.1	6.8	69.7
March	4.2	1.8	28.4	14.3	.0	.1	4.3	7.6	2.3	6.7	69.5
April	3.5	1.4	25.3	12.5	.0	.2	4.2	6.9	2.2	5.0	61.1
May	3.4	1.5	25.3	10.6	.0	.4	4.8	5.7	2.0	4.5	58.0
June	2.9	1.6	23.6	10.0	.0	.4	4.4	4.7	1.1	6.1	54.7
July	3.5	1.7	23.9	11.7	.0	.4	4.7	4.6	1.5	5.1	57.1
August	3.8	1.4	24.5	10.0	.0	.4	5.2	5.2	1.0	5.4	56.9
September	3.0	1.3	25.8	10.8	.0	.1	4.5	5.5	1.8	6.6	59.4
October	3.2	1.7	28.4	11.7	.0	(s)	4.7	7.2	2.3	5.9	65.0
November	3.3	1.7	29.8	12.9	.0	.4	4.4	7.3	2.2	5.2	67.3
December	4.0	1.7	32.8	14.2	.0	.4	4.7	7.6	2.3	6.6	74.1
Total	42.9	19.2	331.4	147.3	.0	3.3	55.6	76.8	22.9	70.4	769.7
1992											
January	4.3	1.8	33.5	15.6	.0	.4	5.4	7.6	2.3	6.5	77.4
February	4.0	1.7	29.8	15.2	.0	.3	4.6	6.8	2.1	6.3	70.9
March	4.0	1.8	30.7	15.8	.0	.1	4.2	7.1	2.2	8.3	74.1
April	3.4	1.7	28.0	14.1	.0	.1	3.6	6.7	1.9	5.0	64.5
May	3.8	1.3	25.6	11.8	.0	.3	4.3	4.7	1.9	6.0	59.7
June	3.6	1.4	22.4	11.8	.0	.3	4.5	3.9	1.3	7.0	56.2
July	3.1	1.6	23.7	12.0	.0	.4	5.0	3.6	1.7	4.9	56.0
August	3.4	1.4	24.6	10.9	.0	.4	5.2	3.5	1.1	5.5	55.9
September	3.1	1.3	25.6	11.6	.0	.4	4.2	3.9	2.0	6.9	58.8
October	3.6	1.6	28.5	13.2	.0	.4	5.0	5.2	2.3	5.7	65.5
November	3.3	1.7	29.5	13.0	.0	.4	4.4	5.2	2.2	6.1	65.7
December	3.9	1.8	33.1	13.8	.0	.4	5.4	5.4	2.3	10.4	76.5
Total	43.5	19.0	337.6	158.8	.0	3.8	55.8	63.5	23.4	78.5	783.9

^a Through December 1990, the data for Germany are for the former West Germany only. Beginning with January 1991, the data are for the unified Germany, i.e., the former East Germany and West Germany.

^b In 1987, Italy's citizens voted for a nuclear power moratorium, which shut down their nuclear power plants indefinitely.

^c Monthly data for the United Kingdom are totals for 4- or 5-week reporting periods, not calendar months.

R=Revised data. - =Not applicable. (s)=Less than 0.05 billion

kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding.

Source: See end of section.

Table 10.4d Nuclear Electricity Gross Generation, 1973-1992: Far East and Africa
(Billion Kilowatthours)

	India	Japan	Pakistan	South Korea	Taiwan	Far East	South Africa ^a
1973							
January	0.2	1.2	(s)	—	—	1.4	—
February .....	.2	1.0	(s)	—	—	1.2	—
March .....	.2	1.1	(s)	—	—	1.3	—
April .....	.2	.8	(s)	—	—	1.0	—
May .....	.2	.5	.1	—	—	.7	—
June .....	.2	.4	(s)	—	—	.6	—
July .....	.2	.6	(s)	—	—	.9	—
August .....	.2	.8	.1	—	—	1.1	—
September .....	.2	.8	.1	—	—	1.1	—
October .....	.3	.8	(s)	—	—	1.1	—
November .....	.2	.7	(s)	—	—	.9	—
December .....	.2	.7	.0	—	—	1.0	—
Total	2.5	9.4	.5	—	—	12.3	—
1974							
January .....	.2	1.0	.0	—	—	1.2	—
February .....	.2	1.2	(s)	—	—	1.4	—
March .....	.1	1.3	(s)	—	—	1.5	—
April .....	.1	1.5	.1	—	—	1.7	—
May .....	.1	1.0	.1	—	—	1.2	—
June .....	.1	1.3	.1	—	—	1.5	—
July .....	.1	1.8	(s)	—	—	1.9	—
August .....	.2	2.1	.1	—	—	2.3	—
September .....	.1	2.0	.1	—	—	2.1	—
October .....	.2	1.5	.1	—	—	1.7	—
November .....	.3	1.9	(s)	—	—	2.2	—
December .....	.2	2.2	.1	—	—	2.5	—
Total	1.9	18.9	.6	—	—	21.4	—
1975							
January .....	.2	1.9	.1	—	—	2.2	—
February .....	.2	1.4	.1	—	—	1.7	—
March .....	.2	1.2	(s)	—	—	1.5	—
April .....	.2	.9	.1	—	—	1.2	—
May .....	.3	1.5	(s)	—	—	1.9	—
June .....	.3	1.2	.0	—	—	1.6	—
July .....	.2	1.7	(s)	—	—	1.9	—
August .....	.1	2.1	(s)	—	—	2.2	—
September .....	.1	1.9	(s)	—	—	2.1	—
October .....	.1	2.4	.1	—	—	2.6	—
November .....	.1	2.7	(s)	—	—	2.9	—
December .....	.4	2.2	.1	—	—	2.7	—
Total	2.5	21.3	.5	—	—	24.4	—
1976							
January .....	.3	2.8	.1	—	—	3.2	—
February .....	.2	2.6	(s)	—	—	2.9	—
March .....	.2	2.6	(s)	—	—	2.8	—
April .....	.2	2.9	.1	—	—	3.2	—
May .....	.4	3.4	.1	—	—	3.9	—
June .....	.3	2.8	.1	—	—	3.2	—
July .....	.3	3.2	(s)	—	—	3.5	—
August .....	.2	3.5	.0	—	—	3.8	—
September .....	.2	3.6	.0	—	—	3.8	—
October .....	.3	3.3	(s)	—	—	3.5	—
November .....	.4	2.8	.1	—	—	3.2	—
December .....	.3	3.1	(s)	—	—	3.4	—
Total	3.2	36.6	.5	—	—	40.3	—
1977							
January .....	.3	1.9	.1	—	—	2.3	—
February .....	.3	1.7	(s)	—	—	2.0	—
March .....	.3	1.8	(s)	—	—	2.1	—
April .....	.1	1.8	(s)	—	—	2.0	—
May .....	.3	2.2	(s)	—	—	2.5	—
June .....	.3	2.0	(s)	(s)	—	2.4	—
July .....	.3	2.6	(s)	(s)	—	2.9	—
August .....	.2	3.0	(s)	(s)	—	3.2	—
September .....	.2	2.5	(s)	(s)	—	2.7	—
October .....	.2	2.4	.0	(s)	—	2.6	—
November .....	.2	3.1	.0	(s)	(s)	3.3	—
December .....	.1	3.3	.0	(s)	.1	3.5	—
Total	2.8	28.2	.3	.1	.1	31.5	—

See footnotes at end of table.

**Table 10.4d Nuclear Electricity Gross Generation, 1973-1992: Far East and Africa
(Continued)**

(Billion Kilowatthours)

	India	Japan	Pakistan	South Korea	Taiwan	Far East	South Africa ^a
1978							
January	0.1	3.3	0.0	0.2	0.2	3.7	—
February .....	.1	2.3	(s)	.2	.1	2.6	—
March .....	.2	3.5	(s)	.2	.1	4.0	—
April .....	.2	3.8	(s)	.3	.2	4.4	—
May .....	.2	4.5	(s)	.3	.2	5.2	—
June .....	.2	4.4	(s)	.3	.2	5.1	—
July .....	.1	5.7	(s)	.3	.3	6.4	—
August .....	.1	5.7	.0	.2	.3	6.4	—
September .....	.2	4.7	.0	.3	.3	5.6	—
October .....	.3	4.5	(s)	.2	.2	5.3	—
November .....	.3	4.8	(s)	.0	.2	5.3	—
December .....	.3	5.9	(s)	.0	.4	6.6	—
Total	2.3	53.1	.2	2.3	2.7	60.6	—
1979							
January .....	.4	5.9	(s)	.3	.4	7.0	—
February .....	.2	4.8	(s)	.4	.3	5.8	—
March .....	.2	4.4	.0	.3	.5	5.4	—
April .....	.2	3.8	.0	.3	.6	4.8	—
May .....	.2	3.7	.0	.2	.5	4.6	—
June .....	.3	4.4	.0	.3	.6	5.7	—
July .....	.3	5.8	.0	.3	.7	7.1	—
August .....	.3	6.6	.0	.4	.6	7.9	—
September .....	.2	5.3	.0	.4	.6	6.6	—
October .....	.3	6.2	.0	.3	.5	7.3	—
November .....	.3	5.4	.0	.0	.3	6.0	—
December .....	.2	5.9	.0	.0	.6	6.6	—
Total	3.2	62.0	(s)	3.2	6.3	74.7	—
1980							
January .....	.2	8.0	.0	.1	.9	9.2	—
February .....	.1	7.4	.0	(s)	.7	8.2	—
March .....	.2	8.0	.0	.4	.8	9.3	—
April .....	.3	5.6	.0	.4	.7	7.0	—
May .....	.3	6.0	.0	.4	.4	7.1	—
June .....	.2	6.7	.0	.1	.5	7.5	—
July .....	.2	7.8	(s)	.4	.8	9.2	—
August .....	.3	8.6	(s)	.3	.8	10.0	—
September .....	.3	7.0	(s)	.4	.8	8.5	—
October .....	.2	6.0	.0	.4	.8	7.4	—
November .....	.3	5.4	(s)	.4	.6	6.7	—
December .....	.2	6.3	(s)	.3	.5	7.3	—
Total	2.9	82.8	.1	3.5	8.2	97.4	—
1981							
January .....	.2	8.2	(s)	.3	.8	9.5	—
February .....	.2	7.1	(s)	.0	.7	8.1	—
March .....	.3	7.8	.0	.0	.8	9.0	—
April .....	.3	7.9	.0	.0	.8	9.0	—
May .....	.4	8.0	(s)	.2	.8	9.4	—
June .....	.3	6.7	(s)	.4	.8	8.2	—
July .....	.3	8.3	(s)	.4	.8	9.9	—
August .....	.2	8.5	(s)	.4	.8	9.9	—
September .....	.2	6.4	(s)	.3	.8	7.7	—
October .....	.2	5.6	(s)	.3	1.2	7.4	—
November .....	.2	5.3	(s)	.3	1.0	6.9	—
December .....	.3	6.1	(s)	.4	1.1	7.9	—
Total	3.1	86.0	.2	2.9	10.7	102.9	—
1982							
January .....	.2	8.1	(s)	.4	.8	9.6	—
February .....	.2	7.7	(s)	.4	1.0	9.3	—
March .....	.2	9.2	.0	.4	1.0	10.7	—
April .....	.2	9.7	.0	.2	.8	10.9	—
May .....	.2	9.5	.0	.0	.8	10.5	—
June .....	.1	9.5	.0	(s)	1.0	10.5	—
July .....	.1	9.8	.0	.3	1.2	11.5	—
August .....	.2	9.7	(s)	.4	1.2	11.5	—
September .....	.1	8.0	(s)	.4	1.3	9.8	—
October .....	.2	7.5	(s)	.4	1.4	9.6	—
November .....	.3	7.8	.0	.4	1.1	9.6	—
December .....	.2	8.1	(s)	.4	1.4	10.1	—
Total	2.2	104.5	.1	3.8	13.1	123.6	—

See footnotes at end of table.

Table 10.4d Nuclear Electricity Gross Generation, 1973-1992: Far East and Africa
(Continued)

(Billion Kilowatthours)

	India	Japan	Pakistan	South Korea	Taiwan	Far East	South Africa ^a
1983							
January	0.2	8.0	(s)	0.5	1.5	10.1	—
February .....	.1	6.8	.0	.4	.8	8.1	—
March .....	.2	7.9	(s)	.6	1.8	10.5	—
April .....	.2	8.4	(s)	.4	1.7	10.8	—
May .....	.3	9.2	(s)	.2	2.0	11.8	—
June .....	.3	9.1	(s)	.7	2.0	12.1	—
July .....	.2	9.6	.0	.7	1.6	12.1	—
August .....	.3	10.5	(s)	1.1	1.4	13.3	—
September .....	.3	10.1	(s)	1.1	1.2	12.7	—
October .....	.3	10.3	(s)	.8	1.6	13.1	—
November .....	.2	9.1	(s)	1.2	1.6	12.1	—
December .....	.3	10.1	(s)	1.3	1.7	13.4	—
Total	2.9	109.1	.2	9.0	18.9	140.1	—
1984							
January .....	.3	10.1	(s)	1.3	1.7	13.3	—
February .....	.4	9.2	.0	1.2	1.8	12.5	—
March .....	.3	8.8	.0	1.0	2.0	12.2	—
April .....	.3	8.8	(s)	.9	1.8	11.8	.1
May .....	.5	10.5	(s)	.8	1.4	13.1	.1
June .....	.4	9.9	(s)	.7	1.8	12.8	.3
July .....	.5	10.6	(s)	.7	2.7	14.5	.5
August .....	.4	11.0	(s)	.9	2.4	14.8	.7
September .....	.2	11.4	(s)	.9	2.6	15.2	.7
October .....	.4	11.6	(s)	1.3	2.0	15.3	.7
November .....	.3	11.9	(s)	1.3	1.8	15.4	.5
December .....	.2	13.2	(s)	.9	2.3	16.7	.6
Total	4.1	127.2	.3	11.8	24.3	167.7	4.2
1985							
January .....	.2	12.2	(s)	1.1	2.4	15.9	.3
February .....	.2	10.7	(s)	1.3	2.1	14.4	.0
March .....	.4	12.0	.0	1.5	2.5	16.4	.0
April .....	.6	11.8	.0	1.3	2.7	16.3	.0
May .....	.5	13.0	.0	1.5	2.8	17.8	.0
June .....	.4	12.6	(s)	1.2	2.6	16.7	.1
July .....	.4	12.5	.1	1.1	2.2	16.3	.8
August .....	.2	12.9	(s)	1.2	2.2	16.5	R 1.0
September .....	.3	12.8	.0	1.3	2.6	16.9	1.0
October .....	.4	13.9	(s)	1.4	2.6	18.4	1.1
November .....	.4	13.1	.1	1.7	1.7	16.9	.8
December .....	.4	14.7	.1	1.9	2.5	19.6	.9
Total	4.5	152.0	.3	16.5	28.7	202.0	R 5.9
1986							
January .....	.5	15.0	(s)	2.0	2.9	20.4	1.0
February .....	.4	13.5	(s)	1.7	2.1	17.7	.6
March .....	.5	14.5	(s)	1.5	2.2	18.8	.7
April .....	.3	12.4	(s)	1.6	2.0	16.3	.7
May .....	.4	12.8	(s)	2.4	2.0	17.7	.7
June .....	.4	15.0	(s)	2.2	1.6	19.2	.2
July .....	.5	15.2	(s)	2.0	1.8	19.6	.6
August .....	.5	14.8	.1	2.4	1.9	19.6	.7
September .....	.4	13.4	.1	2.1	2.0	18.1	.9
October .....	.3	12.7	(s)	3.0	2.4	18.3	1.0
November .....	.5	11.7	(s)	2.2	2.8	17.3	1.3
December .....	.5	13.8	(s)	3.1	3.1	20.6	.9
Total	5.1	164.8	.5	26.1	26.9	223.6	9.3
1987							
January .....	.5	14.7	.1	3.2	3.2	21.7	.7
February .....	.5	13.0	(s)	3.0	3.1	19.5	.7
March .....	.4	15.1	(s)	2.5	3.0	21.0	.8
April .....	.5	14.4	(s)	2.4	2.6	20.0	.5
May .....	.4	14.2	(s)	3.1	3.2	21.0	.7
June .....	.5	13.9	(s)	3.8	3.1	21.3	.6
July .....	.5	15.2	(s)	3.3	3.0	22.0	.4
August .....	.5	14.9	.0	3.2	2.9	21.5	.8
September .....	.5	16.7	.0	2.9	2.5	22.6	.3
October .....	.3	17.4	.0	3.2	2.4	23.3	.4
November .....	.5	16.9	(s)	3.4	2.1	22.9	.7
December .....	.4	16.5	(s)	3.8	2.1	22.8	.0
Total	5.5	182.8	.3	37.8	33.1	259.5	6.6

See footnotes at end of table.

Table 10.4d Nuclear Electricity Gross Generation, 1973-1992: Far East and Africa
(Continued)

(Billion Kilowatthours)

	India	Japan	Pakistan	South Korea	Taiwan	Far East	South Africa ^a
1988							
January	0.3	15.0	0.1	3.9	2.2	21.5	0.3
February .....	.4	13.5	(s)	3.1	2.0	18.9	.7
March .....	.4	14.7	(s)	2.8	2.7	20.7	1.1
April .....	.4	14.9	.0	2.9	2.6	20.8	1.3
May .....	.5	15.7	.0	2.8	2.2	21.2	1.4
June .....	.6	14.8	(s)	3.1	2.6	21.2	1.3
July .....	.7	15.5	(s)	3.6	2.9	22.7	1.3
August .....	.6	15.8	.0	3.5	3.0	22.9	.8
September .....	.5	14.1	.0	3.1	2.9	20.6	.7
October .....	.5	13.6	.0	3.8	2.4	20.4	.7
November .....	.4	11.5	.0	3.0	2.2	17.1	.7
December .....	.5	14.6	.0	3.2	2.2	20.5	.9
Total	6.1	173.6	.2	38.7	29.9	248.5	11.1
1989							
January .....	.3	15.2	.0	3.4	2.4	21.3	1.1
February .....	.3	14.4	.0	3.7	1.8	20.1	.5
March .....	.3	16.2	.0	4.4	1.7	22.6	.6
April .....	.4	13.3	.0	3.7	2.2	19.6	.7
May .....	.4	13.8	.0	3.8	2.1	20.1	.7
June .....	.4	14.3	.0	3.4	2.0	20.1	1.1
July .....	.3	17.4	.0	4.0	2.7	24.4	1.1
August .....	.2	18.1	.0	4.9	2.9	26.1	1.1
September .....	.3	15.5	.0	4.1	2.5	22.4	1.3
October .....	.4	14.8	(s)	4.5	2.7	22.3	1.3
November .....	.5	14.7	(s)	3.6	2.6	21.5	1.2
December .....	.4	16.0	(s)	3.6	2.8	22.8	1.1
Total	4.0	183.7	.1	47.2	28.3	263.4	11.7
1990							
January .....	.4	15.0	(s)	4.0	2.6	22.0	.6
February .....	.5	12.0	(s)	4.6	2.1	19.2	.5
March .....	.5	14.6	(s)	4.8	2.6	22.5	.5
April .....	.5	15.6	(s)	4.3	2.2	22.7	.6
May .....	.4	16.6	.1	4.0	2.8	23.9	1.2
June .....	.4	16.0	.1	4.4	2.9	23.8	1.2
July .....	.5	18.5	.1	5.1	3.5	27.8	1.1
August .....	.5	19.2	.1	5.1	3.4	28.2	.8
September .....	.5	15.8	(s)	4.2	3.0	23.5	.6
October .....	.5	15.8	.0	4.4	3.0	23.6	.6
November .....	.5	14.8	(s)	4.0	2.3	21.7	.5
December .....	.6	16.7	(s)	3.8	2.4	23.7	.6
Total	6.3	191.9	.4	52.8	32.9	284.3	8.9
1991							
January .....	.5	18.0	(s)	4.1	2.4	24.9	.6
February .....	.4	15.2	(s)	4.5	2.2	22.3	.5
March .....	.6	15.6	(s)	4.5	2.9	23.6	1.1
April .....	.4	12.8	(s)	4.1	2.5	19.8	.7
May .....	.4	12.6	.1	4.1	2.8	20.0	.7
June .....	.4	14.8	(s)	4.8	3.2	23.3	.6
July .....	.3	19.5	(s)	5.5	3.2	28.6	.7
August .....	.4	22.1	(s)	5.2	3.6	31.3	.7
September .....	.4	19.7	(s)	4.7	3.1	27.9	.8
October .....	.5	19.1	.1	4.9	3.1	27.7	1.2
November .....	.6	17.6	(s)	4.8	3.0	26.0	1.1
December .....	.5	18.9	(s)	5.2	3.2	27.8	1.1
Total	5.4	205.8	.4	56.3	35.3	303.3	9.7
1992							
January .....	.5	18.5	(s)	4.6	3.1	26.8	.9
February .....	.5	17.1	.0	4.0	2.2	23.8	.4
March .....	.5	17.9	(s)	4.2	2.2	24.7	.4
April .....	.4	16.0	(s)	4.5	2.6	23.5	.4
May .....	.4	16.3	(s)	4.5	2.6	23.9	.7
June .....	.3	17.1	.1	4.5	2.9	24.9	1.2
July .....	.4	21.1	.1	5.3	3.3	30.2	1.3
August .....	.5	23.1	.1	5.4	3.6	32.7	1.0
September .....	.5	17.2	.1	4.6	2.8	25.2	1.1
October .....	.6	16.2	.1	4.9	2.9	24.7	1.0
November .....	.7	16.3	.1	4.7	3.2	25.0	.6
December .....	.8	19.1	.1	5.1	2.6	27.6	.8
Total	6.3	218.0	.6	56.4	33.8	315.2	9.9

^a South Africa comprises all of Africa's nuclear electricity generation.
NA=Not available. - =Not applicable. (s)=Less than 0.05 billion kilowatthours.

Notes: • Net figures are generally less than gross figures by about 5 percent, the difference being the energy consumed by the generating plants

themselves. • Monthly data may not sum to annual totals due to independent rounding and because precommercial generation is included in some annual totals but not in the monthly data. • Data for countries may not sum to regional totals due to independent rounding.

Source: See end of section.

International Energy Notes and Sources

Notes:

1. Crude Oil Production: For 1973-1980, the sources used for non-U.S. data were *Petroleum Intelligence Weekly (PIW)* and *Oil and Gas Journal (OGJ)*. *PIW* was chosen over *OGJ* as the source for members of the Organization of Petroleum Exporting Countries (OPEC), 1973-1976, when the average of the *PIW* monthly values was closer to the annual value reported in OPEC's *Annual Statistical Bulletin*. All other data were taken from *OGJ*. Where data were not available for a country, they were "straight-lined" from the annual value. Monthly data for each country and year were then adjusted by multiplying them by the ratio of the annual value to the weighted average of the monthly values for that country and year.

2. Petroleum Consumption: For 1974-1981, non-U.S. quarterly data were derived from data in the International Energy Agency (IEA) *Quarterly Oil Statistics*. Data were converted from units of thousand metric tons to thousand barrels per day by using conversion factors listed in the Energy Information Administration (EIA) *International Energy Annual 1989*. Where the first three quarters of data were not available for a country, they were "straight-lined" from the fourth-quarter value. Quarterly data for each country and year were then adjusted by multiplying them by the ratio of the annual value to the weighted average of the quarterly values for that country and year.

3. Petroleum Stocks: For 1974-1982, non-U.S. quarterly data were derived from data in the IEA *Quarterly Oil Statistics*. Data were converted from units of thousand metric tons to million barrels by using conversion factors listed in the EIA *International Energy Annual 1989*. Where the first three quarters of data were not available for a country, they were "straight-lined" from the fourth-quarter value.

Data for Japan in the first three quarters of 1974 and 1975 are estimates. *Quarterly Oil Statistics* is missing data for LPG stocks and refinery feedstocks for Japan in this time period. Fourth-quarter values for LPG stocks and refinery feedstocks were calculated by using stock change figures in the IEA *Energy Statistics 1970/1985*. Stock values for LPG and refinery feedstocks in the first three quarters of these two years were "straight-lined" from the fourth-quarter values. Total petroleum stocks were then calculated by adding the stock values of all refined products, crude oil, and refinery feedstocks.

4. OPEC and Ecuador: Although Ecuador belonged to the Organization of Petroleum Exporting Countries

(OPEC) from November 19, 1973, until December 31, 1992, when it formally withdrew, it is not included in "Total OPEC" in Table 10.1b.

5. Nuclear Electricity Generation: The following are estimated 1992 values (in billion kilowatt-hours) for nuclear electricity gross generation in Eastern Europe and the former U.S.S.R.:

Bulgaria	12.2	Russia	125.6
Czech Republic	12.9	Slovakia	11.7
Hungary	13.8	Slovenia	4.0
Kazakhstan	0.5	Ukraine	74.6
Lithuania	16.4		

Total Eastern Europe: 271.5

Sources:

Tables 10.1a and 10.1b

- **Annual Data: United States**—Table 3.1a. **All Other Series, 1973-1976**—Energy Information Administration (EIA), *International Energy Annual 1983*, Table 8 and EIA revisions. **All Other Series, 1977-1979**—EIA, *International Energy Annual 1987*, Table 1. **All Other Series, 1980-1982**—EIA, *International Energy Annual 1989*, Table 1. **All Other Series, 1983-1992**—EIA, *International Energy Annual 1992*, Table 1 and EIA revisions.
- **Monthly Data: United States**—Table 3.1a. **All Other Series, 1973-1980**—*Petroleum Intelligence Weekly, Oil and Gas Journal*, and EIA adjustments to data; see Note 1. **All Other Series, 1981-1992**—*Petroleum Intelligence Weekly, Oil and Gas Journal*, and other industry sources.

Table 10.2

- **Annual Data: United States**—Table 3.1a. **All Other Series, 1973-1977**—International Energy Agency (IEA), *Oil Statistics*. **All Other Series, 1978 and 1979**—IEA, *Annual Oil and Gas Statistics*. **All Other Series, 1980-1982**—EIA, *International Energy Annual 1989*, Table 8. **All Other Series, 1983-1992**—EIA, *International Energy Annual 1992*, Table 8 and EIA revisions.
- **Quarterly Data: United States, 1974-1981**—Table 3.1a. **All Other Series, 1974-1981**—IEA, *Quarterly Oil Statistics*, and EIA adjustments to data; see Note 2.
- **Monthly Data: United States, 1982-1992**—Table 3.1a. **All Other Series, 1982-1988**—IEA, quarterly and monthly computer tapes supporting *Quarterly Oil and Gas Statistics*. **1988-1992**—IEA, quarterly and monthly computer tapes supporting *Quarterly Oil Statistics and Energy Balances*.

Table 10.3

- **United States**—Table 3.1a.

• **All Other Series, 1973-1982**—IEA, *Quarterly Oil Statistics and Energy Statistics 1970/1985*; see Note 3. **1983-1988**—IEA, quarterly and monthly computer tapes supporting *Quarterly Oil and Gas Statistics*. **1988-1992**—IEA, quarterly and monthly computer tapes supporting *Quarterly Oil Statistics and Energy Balances*.

Table 10.4 (a,b,c and d)

McGraw-Hill Publishing Company, *Nucleonics Week*.

Appendix A. Thermal Conversion Factors

The thermal conversion factors presented in the following eight tables can be used to estimate the heat content in British thermal units (Btu) of a given amount of energy measured in physical units, such as barrels or cubic feet. For example, 10 barrels of asphalt have a heat content of approximately 66.36 million Btu (10 barrels x 6.636 million Btu/barrel = 66.36 million Btu).

Thermal conversion factors for hydrocarbon mixes (Table A1) are weighted averages of the thermal conversion

factors for each hydrocarbon included in the mix. For example, in calculating the thermal conversion factor for a 60-40 butane-propane mixture, the thermal conversion factor for butane is weighted 1.5 times more heavily than the thermal conversion factor for propane.

The source of each factor is described in the section entitled "Thermal Conversion Factor Source Documentation," which follows Table A8 in this appendix.

Table A1. Approximate Heat Content of Petroleum Products

(Million Btu per Barrel)

Petroleum Product	Heat Content	Petroleum Product	Heat Content
Asphalt	6.636	Petrochemical Feedstocks	
Aviation Gasoline	5.048	Naphtha Less Than 401° F	5.248
Butane	4.326	Other Oils Equal to or Greater Than 401° F	5.825
Butane-Propane Mixture ^a	4.130	Still Gas	6.000
Distillate Fuel Oil	5.825	Petroleum Coke	6.024
Ethane	3.082	Plant Condensate	5.418
Ethane-Propane Mixture ^b	3.308	Propane	3.836
Isobutane	3.974	Residual Fuel Oil	6.287
Jet Fuel, Kerosene Type	5.670	Road Oil	6.636
Jet Fuel, Naphtha Type	5.355	Special Naphthas	5.248
Kerosene	5.670	Still Gas	6.000
Lubricants	6.065	Unfinished Oils	5.825
Motor Gasoline	5.253	Unfractionated Stream	5.418
Natural Gasoline and Isopentane	4.620	Waxes	5.537
Pentanes Plus	4.620	Miscellaneous	5.796

^a 60 percent butane and 40 percent propane.

^b 70 percent ethane and 30 percent propane.

Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A2. Approximate Heat Content of Crude Oil, Crude Oil and Products, and Natural Gas Plant Liquids, 1973-1992
(Million Btu per Barrel)

	Crude Oil			Crude Oil and Products		Natural Gas Plant Liquids Production
	Production	Imports	Exports	Imports	Exports	
1973	5.800	5.817	5.800	5.897	5.752	4.049
1974	5.800	5.827	5.800	5.884	5.774	4.011
1975	5.800	5.821	5.800	5.858	5.748	3.984
1976	5.800	5.808	5.800	5.856	5.745	3.964
1977	5.800	5.810	5.800	5.834	5.797	3.941
1978	5.800	5.802	5.800	5.839	5.808	3.925
1979	5.800	5.810	5.800	5.810	5.832	3.955
1980	5.800	5.812	5.800	5.796	5.820	3.914
1981	5.800	5.818	5.800	5.775	5.821	3.930
1982	5.800	5.826	5.800	5.775	5.820	3.872
1983	5.800	5.825	5.800	5.774	5.800	3.839
1984	5.800	5.823	5.800	5.745	5.850	3.812
1985	5.800	5.832	5.800	5.736	5.814	3.815
1986	5.800	5.903	5.800	5.808	5.832	3.797
1987	5.800	5.901	5.800	5.820	5.858	3.804
1988	5.800	5.900	5.800	5.820	5.840	3.800
1989	5.800	5.906	5.800	5.833	5.857	3.826
1990	5.800	5.934	5.800	5.849	5.833	3.822
1991	5.800	5.948	5.800	5.873	5.823	3.807
1992	5.800	5.953	5.800	5.877	5.777	3.804

Note: Crude oil includes lease condensate.
Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A3. Approximate Heat Content of Petroleum Products, Weighted Averages, 1973-1992
(Million Btu per Barrel)

	Consumption					Imports	Exports	LPG Consumption
	Residential and Commercial	Industrial	Transportation	Electric Utilities	Total			
1973	5.387	5.568	5.395	6.245	5.515	5.983	5.752	3.746
1974	5.377	5.538	5.394	6.238	5.504	5.959	5.773	3.730
1975	5.358	5.528	5.392	6.250	5.494	5.935	5.747	3.715
1976	5.383	5.538	5.395	6.251	5.504	5.980	5.743	3.711
1977	5.389	5.555	5.400	6.249	5.518	5.908	5.796	3.677
1978	5.382	5.553	5.404	6.251	5.519	5.955	5.814	3.669
1979	5.471	5.418	5.428	6.258	5.494	5.811	5.864	3.680
1980	5.468	5.376	5.440	6.254	5.479	5.748	5.841	3.674
1981	5.409	5.313	5.432	6.258	5.448	5.659	5.837	3.643
1982	5.392	5.263	5.422	6.258	5.415	5.664	5.829	3.615
1983	5.286	5.273	5.415	6.255	5.406	5.677	5.800	3.614
1984	^R 5.384	^R 5.223	^R 5.422	6.251	5.395	5.613	5.867	3.599
1985	^R 5.326	^R 5.221	^R 5.423	6.247	5.387	5.572	5.819	3.603
1986	^R 5.357	^R 5.286	^R 5.427	6.257	5.418	5.624	5.839	3.640
1987	^R 5.316	^R 5.253	^R 5.430	6.249	5.403	5.599	5.860	3.659
1988	^R 5.320	^R 5.248	^R 5.434	6.250	5.410	5.618	5.842	3.652
1989	5.257	5.233	5.440	6.241	5.410	5.641	5.869	3.683
1990	5.208	5.272	5.445	6.247	5.411	5.614	5.838	3.625
1991	5.163	5.192	5.442	6.248	5.384	5.636	5.827	3.614
1992	5.169	5.188	5.445	6.243	5.378	5.623	5.774	3.624

^R=Revised data.
Note: Weighted averages of the products included in each category are calculated by using heat content values shown in Table A1.
Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A4. Approximate Heat Content of Natural Gas, 1973-1992
(Btu per Cubic Foot)

	Production		Consumption			Imports	Exports
	Dry	Marketed (Wet)	Sectors Other Than Electric Utilities	Electric Utilities	Total		
1973	1,021	1,093	1,020	1,024	1,021	1,026	1,023
1974	1,024	1,097	1,024	1,022	1,024	1,027	1,016
1975	1,021	1,095	1,020	1,026	1,021	1,026	1,014
1976	1,020	1,093	1,019	1,023	1,020	1,025	1,013
1977	1,021	1,093	1,019	1,029	1,021	1,026	1,013
1978	1,019	1,088	1,016	1,034	1,019	1,030	1,013
1979	1,021	1,092	1,018	1,035	1,021	1,037	1,013
1980	1,026	1,098	1,024	1,035	1,026	1,022	1,013
1981	1,027	1,103	1,025	1,035	1,027	1,014	1,011
1982	1,028	1,107	1,026	1,036	1,028	1,018	1,011
1983	1,031	1,115	1,031	1,030	1,031	1,024	1,010
1984	1,031	1,109	1,030	1,035	1,031	1,005	1,010
1985	1,032	1,112	1,031	1,038	1,032	1,002	1,011
1986	1,030	1,110	1,029	1,034	1,030	997	1,008
1987	1,031	1,112	1,031	1,032	1,031	999	1,011
1988	1,029	1,109	1,029	1,028	1,029	1,002	1,018
1989	1,031	1,107	1,031	1,030	1,031	1,004	1,019
1990	1,031	1,105	1,030	1,034	1,031	1,012	1,018
1991	1,030	1,108	1,031	1,024	1,030	1,014	1,022
1992	1,030	1,110	1,031	1,022	1,030	1,011	1,018

Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A5. Approximate Heat Content of Coal, 1973-1992
(Million Btu per Short Ton)

	Production	Consumption					Imports	Exports
		Residential and Commercial	Coke Plants	Other Industrial ^a	Electric Utilities ^b	Total		
1973	23.376	22.831	26.780	22.586	22.246	23.057	25.000	26.596
1974	23.072	22.479	26.778	22.419	21.781	22.677	25.000	26.700
1975	22.897	22.261	26.782	22.436	21.642	22.506	25.000	26.562
1976	22.855	22.774	26.781	22.530	21.679	22.498	25.000	26.601
1977	22.597	22.919	26.787	22.322	21.508	22.265	25.000	26.548
1978	22.248	22.466	26.789	22.207	21.275	22.017	25.000	26.478
1979	22.454	22.242	26.788	22.452	21.364	22.100	25.000	26.548
1980	22.415	22.543	26.790	22.690	21.295	21.947	25.000	26.384
1981	22.308	22.474	26.794	22.585	21.085	21.713	25.000	26.160
1982	22.239	22.695	26.797	22.712	21.194	21.674	25.000	26.223
1983	22.052	22.775	26.798	22.691	21.133	21.576	25.000	26.291
1984	22.010	22.844	26.799	22.543	21.101	21.573	25.000	26.402
1985	21.870	22.646	26.798	22.020	20.959	21.366	25.000	26.307
1986	21.913	22.947	26.798	22.198	21.084	21.462	25.000	26.292
1987	21.922	23.404	26.799	22.381	21.136	21.517	25.000	26.291
1988	21.823	23.571	26.799	22.360	20.900	21.328	25.000	26.299
1989	21.765	23.650	26.800	22.347	20.848	21.272	25.000	26.160
1990	21.822	23.137	26.799	22.457	20.929	21.331	25.000	26.202
1991	21.681	23.114	26.799	22.460	20.755	21.146	25.000	26.188
1992	21.646	23.105	26.799	22.250	20.787	21.143	25.000	26.161

^a Includes transportation.

^b Data shown in this column are not the same as those shown in the *Electric Power Monthly* (EPM). The EPM data report coal receipts; the data shown here represent coal consumption.

Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A6. Approximate Heat Content of Bituminous Coal and Lignite, 1973-1992
(Million Btu per Short Ton)

	Production	Consumption					Imports	Exports
		Residential and Commercial	Coke Plants	Other Industrial ^a	Electric Utilities	Total		
1973	23.391	22.887	26.800	22.585	22.262	23.073	25.000	26.612
1974	23.087	22.523	26.800	22.420	21.799	22.694	25.000	26.716
1975	22.910	22.258	26.800	22.439	21.659	22.522	25.000	26.573
1976	22.863	22.819	26.800	22.528	21.692	22.509	25.000	26.613
1977	22.597	22.594	26.800	22.290	21.521	22.266	25.000	26.561
1978	22.242	22.078	26.800	22.175	21.284	22.014	25.000	26.501
1979	22.449	21.884	26.800	22.436	21.372	22.100	25.000	26.570
1980	22.411	22.488	26.800	22.690	21.301	21.950	25.000	26.404
1981	22.301	22.010	26.800	22.572	21.091	21.710	25.000	26.176
1982	22.233	22.226	26.800	22.695	21.200	21.670	25.000	26.231
1983	22.048	22.438	26.800	22.680	21.141	21.576	25.000	26.300
1984	22.005	22.406	26.800	22.525	21.108	21.570	25.000	26.410
1985	21.867	22.568	26.800	22.013	20.965	21.368	25.000	26.320
1986	21.908	22.669	26.800	22.185	21.091	21.462	25.000	26.308
1987	21.918	22.800	26.800	22.360	21.143	21.514	25.000	26.304
1988	21.817	23.135	26.800	22.341	20.905	21.324	25.000	26.308
1989	21.759	22.917	26.800	22.324	20.854	21.268	25.000	26.166
1990	21.819	22.678	26.800	22.444	20.935	21.330	25.000	26.207
1991	21.678	22.635	26.800	22.448	20.761	21.146	25.000	26.192
1992	21.643	22.768	26.800	22.242	20.792	21.142	25.000	26.165

^a Includes transportation.

Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A7. Approximate Heat Content of Anthracite and Coal Coke, 1973-1992
(Million Btu per Short Ton)

	Anthracite					Coal Coke Imports and Exports
	Production	Consumption			Imports and Exports	
		Sectors Other Than Electric Utilities	Electric Utilities	Total		
1973	22.132	22.674	17.920	21.464	25.400	24.800
1974	21.711	22.330	17.200	20.919	25.400	24.800
1975	21.582	22.272	17.064	20.762	25.400	24.800
1976	22.045	22.618	17.526	21.254	25.400	24.800
1977	22.661	24.101	17.244	22.066	25.400	24.800
1978	23.079	24.388	17.104	22.398	25.400	24.800
1979	23.170	24.272	17.454	22.069	25.400	24.800
1980	22.869	22.719	17.652	21.405	25.400	24.800
1981	23.291	23.749	18.168	22.080	25.400	24.800
1982	23.289	24.578	18.160	22.518	25.400	24.800
1983	22.734	24.536	16.516	21.583	25.400	24.800
1984	23.107	25.128	17.018	22.322	25.400	24.800
1985	22.428	23.031	16.784	20.817	25.400	24.800
1986	23.084	24.399	15.578	21.512	25.400	24.800
1987	23.108	26.293	15.962	22.435	25.400	24.800
1988	23.266	26.021	17.312	22.423	25.400	24.800
1989	23.385	27.196	16.310	22.623	25.400	24.800
1990	22.574	25.199	16.140	21.668	25.400	24.800
1991	22.573	25.268	15.858	21.410	25.400	24.800
1992	22.572	24.617	16.944	21.423	25.400	24.800

Source: See "Thermal Conversion Factor Source Documentation," which follows Table A8.

Table A8. Approximate Heat Rates for Electricity, 1973-1992
(Btu per Kilowatthour)

	Electricity Generation			Electricity Consumption
	Fossil-Fueled Steam-Electric Plants ^a	Nuclear Steam-Electric Plants	Geothermal Energy Plants	
1973	10,389	10,903	21,674	3,412
1974	10,442	11,161	21,674	3,412
1975	10,406	11,013	21,611	3,412
1976	10,373	11,047	21,611	3,412
1977	10,435	10,769	21,611	3,412
1978	10,361	10,941	21,611	3,412
1979	10,353	10,879	21,545	3,412
1980	10,388	10,908	21,639	3,412
1981	10,453	11,030	21,639	3,412
1982	10,454	11,073	21,629	3,412
1983	10,520	10,905	21,290	3,412
1984	^R 10,440	10,843	21,303	3,412
1985	^R 10,447	10,813	21,263	3,412
1986	^R 10,446	10,799	21,263	3,412
1987	^R 10,419	10,776	21,263	3,412
1988	^R 10,324	10,743	21,096	3,412
1989	10,317	10,724	21,096	3,412
1990	10,335	10,680	21,096	3,412
1991	10,352	10,740	20,997	3,412
1992 ^b	10,302	10,678	20,955	3,412

^a This thermal conversion factor is used for hydroelectric power generation and for biomass fuels, wind, photovoltaic, and solar thermal energy consumed at electric utilities.

^b Preliminary.

R=Revised data.

Source: See "Thermal Conversion Factor Source Documentation," which follows this table.

Thermal Conversion Factor Source Documentation

Approximate Heat Content of Petroleum and Natural Gas Plant Liquids

Asphalt. The Energy Information Administration (EIA) adopted the thermal conversion factor of 6.636 million British thermal units (Btu) per barrel as estimated by the Bureau of Mines and first published in the *Petroleum Statement, Annual, 1956*.

Aviation Gasoline. EIA adopted the Bureau of Mines thermal conversion factor of 5.048 million Btu per barrel for "Gasoline, Aviation" as published by the Texas Eastern Transmission Corporation in Appendix V of *Competition and Growth in American Energy Markets 1947-1985*, a 1968 release of historical and projected statistics.

Butane. EIA adopted the Bureau of Mines thermal conversion factor of 4.326 million Btu per barrel in the *California Oil World and Petroleum Industry*, First Issue, April 1942.

Butane-Propane Mixture. EIA adopted the Bureau of Mines calculation of 4.130 million Btu per barrel based on an assumed mixture of 60 percent butane and 40 percent propane. See **Butane** and **Propane**.

Crude Oil, Exports. Assumed by EIA to be 5.800 million Btu per barrel or equal to the thermal conversion

factor for crude oil produced in the United States. See **Crude Oil and Lease Condensate, Production**.

Crude Oil, Imports. Calculated annually by EIA by weighting the thermal conversion factor of each type of crude oil imported by the quantity imported. Thermal conversion factors for each type were calculated on a foreign country basis, by determining the average American Petroleum Institute (API) gravity of crude imported from each foreign country from Form ERA-60 in 1977 and converting average API gravity to average Btu content by using National Bureau of Standards, Miscellaneous Publication No. 97, *Thermal Properties of Petroleum Products*, 1933.

Crude Oil and Lease Condensate, Production. EIA adopted the thermal conversion factor of 5.800 million Btu per barrel as reported in a Bureau of Mines internal memorandum, "Bureau of Mines Standard Average Heating Values of Various Fuels, Adopted January 3, 1950."

Crude Oil and Petroleum Products, Exports. Calculated annually by EIA as the average of the thermal conversion factors for each petroleum product exported and crude oil exported weighted by the quantity of each petroleum product and crude oil exported. See **Crude Oil, Exports** and **Petroleum Products, Exports**.

Crude Oil and Petroleum Products, Imports. Calculated annually by EIA as the average of the thermal conversion factors for each petroleum product and each type of crude oil imported weighted by the quantity of

each petroleum product and each type of crude oil imported. See **Crude Oil, Imports** and **Petroleum Products, Imports**.

Distillate Fuel Oil. EIA adopted the Bureau of Mines thermal conversion factor of 5.825 million Btu per barrel as reported in a Bureau of Mines internal memorandum, "Bureau of Mines Standard Average Heating Value of Various Fuels, Adopted January 3, 1950."

Ethane. EIA adopted the Bureau of Mines thermal conversion factor of 3.082 million Btu per barrel in the *California Oil World and Petroleum Industry*, First Issue, April 1942.

Ethane-Propane Mixture. EIA calculated 3.308 million Btu per barrel based on an assumed mixture of 70 percent ethane and 30 percent propane. See **Ethane** and **Propane**.

Isobutane. EIA adopted the Bureau of Mines thermal conversion factor of 3.974 million Btu per barrel in the *California Oil World and Petroleum Industry*, First Issue, April 1942.

Jet Fuel, Kerosene Type. EIA adopted the Bureau of Mines thermal conversion factor of 5.670 million Btu per barrel for "Jet Fuel, Commercial" as published by the Texas Eastern Transmission Corporation in Appendix V of *Competition and Growth in American Energy Markets 1947-1985*, a 1968 release of historical and projected statistics.

Jet Fuel, Naphtha Type. EIA adopted the Bureau of Mines thermal conversion factor of 5.355 million Btu per barrel for "Jet Fuel, Military" as published by the Texas Eastern Transmission Corporation in Appendix V of *Competition and Growth in American Energy Markets 1947-1985*, a 1968 release of historical and projected statistics.

Kerosene. EIA adopted the Bureau of Mines thermal conversion factor of 5.670 million Btu per barrel as reported in a Bureau of Mines internal memorandum, "Bureau of Mines Standard Average Heating Values of Various Fuels, Adopted January 3, 1950."

Liquefied Petroleum Gases (LPG) Consumption. Calculated annually by EIA as the average of the thermal conversion factors of each liquefied petroleum gas consumed, weighted by the quantity of each liquefied petroleum gas consumed.

Lubricants. EIA adopted the thermal conversion factor of 6.065 million Btu per barrel as estimated by the Bureau of Mines and first published in the *Petroleum Statement, Annual, 1956*.

Miscellaneous Products. EIA adopted the thermal conversion factor of 5.796 million Btu per barrel as

estimated by the Bureau of Mines and first published in the *Petroleum Statement, Annual, 1956*.

Motor Gasoline. EIA adopted the Bureau of Mines thermal conversion factor of 5.253 million Btu per barrel for "Gasoline, Motor Fuel" by the Texas Eastern Transmission Corporation in Appendix V of *Competition and Growth in American Energy Markets 1947-1985*, a 1968 release of historical and projected statistics.

Natural Gas Plant Liquids, Production. Calculated annually by EIA as the average of the thermal conversion factors of each natural gas plant liquid produced, weighted by the quantity of each natural gas plant liquid produced.

Natural Gasoline. EIA adopted the thermal conversion factor of 4.620 million Btu per barrel as estimated by the Bureau of Mines and first published in the *Petroleum Statement, Annual, 1956*.

Pentanes Plus. EIA assumed the thermal conversion factor to be 4.620 million Btu per barrel or equal to that for natural gasoline. See **Natural Gasoline**.

Petrochemical Feedstocks, Naphtha Less Than 401 Degrees Fahrenheit. Assumed by EIA to be 5.248 million Btu per barrel, equal to the thermal conversion factor for special naphthas. See **Special Naphthas**.

Petrochemical Feedstocks, Oils Equal to or Greater Than 401 Degrees Fahrenheit. Assumed by EIA to be 5.825 million Btu per barrel, equal to the thermal conversion factor for distillate fuel oil. See **Distillate Fuel Oil**.

Petrochemical Feedstocks, Still Gas. Assumed by EIA to be 6.000 million Btu per barrel, equal to the thermal conversion factor for still gas. See **Still Gas**.

Petroleum Coke. EIA adopted the thermal conversion factor of 6.024 million Btu per barrel as reported in Btu per short ton in the Bureau of Mines internal memorandum, "Bureau of Mines Standard Average Heating Value of Various Fuels, Adopted January 3, 1950." The Bureau of Mines calculated this factor by dividing 30,120,000 Btu per short ton, as given in the referenced Bureau of Mines internal memorandum, by 5.0 barrels per short ton, as given in the Bureau of Mines Form 6-1300-M and successor EIA forms.

Petroleum Products, Total Consumption. Calculated annually by EIA as the average of the thermal conversion factors for all petroleum products consumed, weighted by the quantity of each petroleum product consumed.

Petroleum Products, Consumption by Electric Utilities. Calculated annually by EIA as the average of the thermal conversion factors for all petroleum products consumed at electric utilities, weighted by the quantity

of each petroleum product consumed at electric utilities. The quantity of petroleum consumed is estimated in the State Energy Data System as documented in the *State Energy Data Report*.

Petroleum Products, Consumption by Industrial Users. Calculated annually by EIA as the average of the thermal conversion factors for all petroleum products consumed in the industrial sector, weighted by the estimated quantity of each petroleum product consumed in the industrial sector. The quantity of petroleum products consumed is estimated in the State Energy Data System as documented in the *State Energy Data Report*.

Petroleum Products, Consumption by Residential and Commercial Users. Calculated annually by EIA as the average of the thermal conversion factors for all petroleum products consumed by the residential and commercial sector, weighted by the estimated quantity of each petroleum product consumed in the residential and commercial sector. The quantity of petroleum products consumed is estimated in the State Energy Data System as documented in the *State Energy Data Report*.

Petroleum Products, Consumption by Transportation Users. Calculated annually by EIA as the average of the thermal conversion factor for all petroleum products consumed in the transportation sector, weighted by the estimated quantity of each petroleum product consumed in the transportation sector. The quantity of petroleum products consumed is estimated in the State Energy Data System as documented in the *State Energy Data Report*.

Petroleum Products, Exports. Calculated annually by EIA as the average of the thermal conversion factors for each petroleum product, weighted by the quantity of each petroleum product exported.

Petroleum Products, Imports. Calculated annually by EIA as the average of the thermal conversion factors for each petroleum product imported, weighted by the quantity of each petroleum product imported.

Plant Condensate. Estimated to be 5.418 million Btu per barrel by EIA from data provided by McClanahan Consultants, Inc., Houston, Texas.

Propane. EIA adopted the Bureau of Mines thermal conversion factor of 3.836 million Btu per barrel in the *California Oil World and Petroleum Industry*, First Issue, April 1942.

Residual Fuel Oil. EIA adopted the thermal conversion factor of 6.287 million Btu per barrel as reported in the Bureau of Mines internal memorandum, "Bureau of Mines Standard Average Heating Values of Various Fuels, Adopted January 3, 1950."

Road Oil. EIA adopted the Bureau of Mines thermal conversion factor of 6.636 million Btu per barrel, which was assumed to be equal to that of asphalt (see **Asphalt**) and was first published by the Bureau of Mines in the *Petroleum Statement, Annual, 1970*.

Special Naphthas. EIA adopted the Bureau of Mines thermal conversion factor of 5.248 million Btu per barrel, which was assumed to be equal to that of total gasoline (aviation and motor) factor and was first published in the *Petroleum Statement, Annual, 1970*.

Still Gas. EIA adopted the Bureau of Mines estimated thermal conversion factor of 6.000 million Btu per barrel and first published in the *Petroleum Statement, Annual, 1970*.

Unfinished Oil. EIA assumed the thermal conversion factor to be 5.825 million Btu per barrel or equal to that for distillate fuel oil (see **Distillate Fuel Oil**) and first published in the *Annual Report to Congress, Volume 3, 1977*.

Unfractionated Stream. EIA assumed the thermal conversion factor to be 5.418 million Btu per barrel or equal to that for plant condensate (see **Plant Condensate**) and first published in the *Annual Report to Congress, Volume 2, 1981*.

Waxes. EIA adopted the thermal conversion factor of 5.537 million Btu per barrel as estimated by the Bureau of Mines and first published in the *Petroleum Statement, Annual, 1956*.

Approximate Heat Content of Natural Gas

Natural Gas, Total Consumption. 1973-1979: EIA adopted the thermal conversion factor calculated annually by the American Gas Association (AGA) and published in *Gas Facts*, an AGA annual publication. 1980 forward: Calculated annually by EIA by dividing the total heat content of natural gas consumed by the total quantity of natural gas consumed. The heat content and quantity consumed are from Form EIA-176. Published sources are: 1980-1989: EIA, *Natural Gas Annual 1992, Volume 2*, Table 15. 1990-1992: EIA, *Natural Gas Annual 1992, Volume 2*, Table 16.

Natural Gas, Consumption by Electric Utilities. Calculated annually by EIA by dividing the total heat content of natural gas received at electric utilities by the total quantity received at electric utilities. The heat contents and receipts are from Form FERC-423 and predecessor forms.

Natural Gas, Consumption by Sectors Other Than Electric Utilities. Calculated annually by EIA by dividing the heat content of all natural gas consumed less the heat content of natural gas consumed at electric utilities

by the quantity of all natural gas consumed less the quantity of natural gas consumed at electric utilities. Data are from Forms EIA-176, FERC-423, EIA-759, and predecessor forms.

Natural Gas, Exports. Calculated annually by EIA by dividing the heat content of exported natural gas by the quantity of natural gas exported, both reported on Form FPC-14.

Natural Gas, Imports. Calculated annually by EIA by dividing the heat content of imported natural gas by the quantity of natural gas imported, both reported on Form FPC-14.

Natural Gas Production, Dry. Assumed by EIA to be equal to the thermal conversion factor for the consumption of dry natural gas. See **Natural Gas Total Consumption**.

Natural Gas Production, Marketed (Wet). Calculated annually by EIA by adding the heat content of dry natural gas production and the total heat content of natural gas plant liquids production and dividing this sum by the total quantity of marketed (wet) natural gas production.

Approximate Heat Content of Coal and Coal Coke

Anthracite, Total Consumption. Calculated annually by EIA by dividing the sum of the heat content of anthracite consumed by electric utilities and all other sectors combined by the total quantity of anthracite consumed.

Anthracite, Consumption by Electric Utilities. Calculated annually by EIA by dividing the heat content of anthracite receipts at electric utilities by the quantity of anthracite received at electric utilities. Heat contents and receipts are from Form FERC-423 and predecessor forms.

Anthracite, Consumption by Sectors Other Than Electric Utilities. Calculated annually by EIA by dividing the heat content of anthracite production less the heat content of the anthracite consumed at electric utilities, net exports, and shipments to U.S. Armed Forces overseas by the quantity of anthracite consumed by sectors other than electric utilities less the quantity of anthracite stock changes, losses, and “unaccounted for.”

Anthracite, Imports and Exports. EIA assumed the anthracite imports and exports to be freshly mined anthracite having an estimated heat content of 25.40 million Btu per short ton.

Anthracite, Production. Calculated annually by EIA by dividing the sum of the heat content of freshly mined

anthracite (estimated to have an average heat content of 25.400 million Btu per short ton) and the heat content of anthracite recovered from culm banks and river dredging (estimated to have a heat content of 17.500 million Btu per short ton) by the total quantity of anthracite production.

Bituminous Coal and Lignite, Total Consumption. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and lignite consumed by electric utilities, coal coke plants, other industrial plants, the residential and commercial sector, and the transportation sector by the sum of their respective tonnages.

Bituminous Coal and Lignite, Consumption by Coke Plants. Estimated by EIA to be 26.800 million Btu per short ton on the basis of an input/output analysis of coal carbonization.

Bituminous Coal and Lignite, Consumption by Electric Utilities. Calculated annually by EIA by dividing the total heat content of bituminous coal and lignite received at electric utilities by the total quantity received at electric utilities. Heat contents and receipts are from Form FERC-423 and predecessor forms.

Bituminous Coal and Lignite, Consumption by Other Industrial and Transportation Users. 1973: Calculated by EIA through regression analysis measuring the difference between the average Btu value of coal consumed by other industrial users and that of coal consumed at electric utilities in the 1974-1982 period. 1974-1992: Calculated annually by EIA by assuming that the bituminous coal and lignite delivered to other industrial users from each coal-producing area (reported on Form EIA-6 and predecessor Bureau of Mines Form 6-1419-Q) contained a heat value equal to that of bituminous coal and lignite received at electric utilities from each of the same coal-producing areas (reported on Form FERC-423). The average Btu value of coal by coal-producing area was applied to the volume of deliveries to other industrial users from each coal-producing area, and the sum total of the heat content was divided by the total volume of deliveries. Coal-producing areas are the Bureau of Mines coal-producing districts for 1974 through 1989 and coal-producing States for 1990-1992.

Bituminous Coal and Lignite, Consumption by Residential and Commercial Users. 1973: Calculated by EIA through regression analysis measuring the difference between the average Btu value of coal consumed by residential and commercial users and that of coal consumed by electric utilities in the 1974-1982 period. 1974-1992: Calculated annually by EIA by assuming that the bituminous coal and lignite delivered to residential and commercial users from each coal-producing area (reported on Form EIA-6 and predecessor Bureau of Mines Form 6-1419-Q) contained a heat value equal to

that of bituminous coal and lignite received at electric utilities from each of the same coal-producing areas (reported on Form FERC-423). The average Btu value of coal by coal-producing area was applied to the volume of deliveries to residential and commercial users from each coal-producing area, and the total of the heat value was divided by the total volume of deliveries. Coal-producing areas are the Bureau of Mines coal-producing districts for 1974 through 1989 and coal-producing States for 1990-1992.

Bituminous Coal and Lignite, Exports. Calculated annually by EIA by dividing the sum of the heat content of exported metallurgical coal (estimated to average 27,000 million Btu per short ton) and the heat content of exported steam coal (estimated to have an average thermal content of 25,000 million Btu per short ton) by the total quantity of bituminous coal and lignite exported.

Bituminous Coal and Lignite, Imports. EIA estimated the average thermal conversion factor to be 25,000 million Btu per short ton.

Bituminous Coal and Lignite, Production. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and lignite consumption, net exports, stock changes, and unaccounted for by the sum of their respective tonnages. Consumers' stock changes by sectors were assumed to have the same conversion factor as that of the consumption sector. Producers' stock changes and unaccounted for were assumed to have the same conversion factor as that for consumption by all users.

Coal, Consumption. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and lignite and anthracite consumption by the sum of their respective tonnages.

Coal, Consumption by Electric Utilities. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and lignite and anthracite received at electric utilities by the sum of their respective tonnages received.

Coal, Consumption by Sectors Other Than Electric Utilities. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and lignite and anthracite consumed by sectors other than electric utilities by the sum of their respective tonnages.

Coal, Exports. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and lignite and anthracite exported by the sum of their respective tonnages.

Coal, Imports. Calculated annually by EIA by dividing the sum of the heat content of bituminous coal and

lignite and anthracite imported by the sum of their respective tonnages.

Coal, Production. Calculated annually by EIA by dividing the sum of the total heat content of bituminous coal and lignite and anthracite production by the sum of their respective tonnages.

Coal Coke, Imports and Exports. EIA adopted the Bureau of Mines estimate of 24,800 million Btu per short ton.

Approximate Heat Rates for Electricity

Fossil-Fueled Steam-Electric Plant Generation. There is no generally accepted practice for measuring the thermal conversion rates for power plants that generate electricity from hydroelectric, wood and waste, wind, photovoltaic, or solar thermal energy sources. Therefore, EIA uses data from Form EIA-767 to calculate a rate factor that is equal to the prevailing annual average heat rate factor for fossil-fueled steam-electric power plants in the United States. By using that factor, it is possible to evaluate fossil fuel requirements for replacing those sources during periods of interruption, such as droughts. The heat content of a kilowatthour of electricity produced, regardless of the generation process, is 3,412 Btu per kilowatthour. 1973-1991: The weighted annual average heat rate for fossil-fueled steam-electric power plants in the United States, as published by EIA in *Electric Plant Cost and Power Production Expenses 1991*, Table 9. 1992: Unpublished factors calculated on the basis of data from Form EIA-767.

Geothermal Energy Plant Generation. 1973-1981: Calculated annually by EIA by weighting the annual average heat rates of operating geothermal units by the installed nameplate capacities as reported on Form FPC-12. 1982-1992: Estimated annually by EIA on the basis of an informal survey of relevant plants.

Nuclear Steam-Electric Plant Generation. 1973-1991: Calculated annually by EIA by dividing the total heat content consumed in nuclear generating units by the total (net) electricity generated by nuclear generating units. The heat content and electricity generation are reported on Form FERC-1, Form EIA-412, and predecessor forms. The factors, beginning with 1982 data, are published in the following EIA reports—1982: *Historical Plant Cost and Annual Production Expenses for Selected Electric Plants 1982*, page 215. 1983-1991: *Electric Plant Cost and Power Production Expenses 1991*, Table 13. 1992: Calculated annually by EIA by dividing the total heat content of the steam leaving the nuclear generating units to generate electricity by the total (net) electricity generated by nuclear generating units. The heat content and electricity generation data are reported in Nuclear Regulatory Commission, *Licensed Operating Reactors—Status Summary Report*.

Appendix B. Metric and Other Physical Conversion Factors

Data presented in the *Historical Monthly Energy Review* and in other Energy Information Administration publications are expressed predominately in units that historically have been used in the United States, such as British thermal units, barrels, cubic feet, and short tons. However, because U.S. commerce involves other nations, most of which use metric units of measure, the U.S. Government is committed to the transition to the metric system, as stated in the Metric Conversion Act of 1975 (Public Law 94-168), amended by the Omnibus Trade and Competitiveness Act of 1988 (Public Law 100-418), and Executive Order 12770 of July 25, 1991.

The metric conversion factors presented in Table B1 can be used to calculate the metric-unit equivalents of values expressed in U.S. customary units. For

example, 500 short tons are the equivalent of 453.6 metric tons ($500 \text{ short tons} \times 0.9071847 \text{ metric tons/short ton} = 453.6 \text{ metric tons}$).

In the metric system of weights and measures, the names of multiples and subdivisions of any unit may be derived by combining the name of the unit with prefixes, such as deka, hecto, and kilo, meaning, respectively, 10, 100, 1,000, and deci, centi, and milli, meaning, respectively, one-tenth, one-hundredth, and one-thousandth. Common metric prefixes can be found in Table B2.

The conversion factors presented in Table B3 can be used to calculate equivalents in various physical units commonly used in energy analyses. For example, 10 barrels are the equivalent of 420 U.S. gallons ($10 \text{ barrels} \times 42 \text{ gallons/barrel} = 420 \text{ gallons}$).

Table B1. Metric Conversion Factors

Type of Unit	U.S. Unit	multiplied by	Conversion Factor	equals	Metric Unit
Mass	short tons (2,000 lb)	x	0.907 184 7	=	metric tons (t)
	long tons	x	1.016 047	=	metric tons (t)
	pounds (lb)	x	0.453 592 37 ^a	=	kilograms (kg)
	pounds uranium oxide (lb U ₃ O ₈)	x	0.384 647 ^b	=	kilograms uranium (kgU)
	ounces, avoirdupois (avdp oz)	x	28.349 52	=	grams (g)
Volume	barrels of oil (bbl)	x	0.158 987 3	=	cubic meters (m ³)
	cubic yards (yd ³)	x	0.764 555	=	cubic meters (m ³)
	cubic feet (ft ³)	x	0.028 316 85	=	cubic meters (m ³)
	U.S. gallons (gal)	x	3.785 412	=	liters (L)
	ounces, fluid (fl oz)	x	29.573 53	=	milliliters (mL)
	cubic inches (in ³)	x	16.387 06	=	milliliters (mL)
Length	miles (mi)	x	1.609 344 ^a	=	kilometers (km)
	yards (yd)	x	0.914 4 ^a	=	meters (m)
	feet (ft)	x	0.304 8 ^a	=	meters (m)
	inches (in)	x	2.54 ^a	=	centimeters (cm)
Area	acres	x	0.404 69	=	hectares (ha)
	square miles (mi ²)	x	2.589 988	=	square kilometers (km ²)
	square yards (yd ²)	x	0.836 127 4	=	square meters (m ²)
	square feet (ft ²)	x	0.092 903 04 ^a	=	square meters (m ²)
	square inches (in ²)	x	6.451 6 ^a	=	square centimeters (cm ²)
Temperature	degrees Fahrenheit (°F)	x	5/9 (after subtracting 32) ^{a,c}	=	degrees Celsius (°C)
Energy	British thermal units (Btu)	x	1, 055.055 852 62 ^{a,d}	=	joules (J)
	calories (cal)	x	4.186 8 ^a	=	joules (J)
	kilowatthours (kWh)	x	3.6 ^a	=	megajoules (MJ)

^a Exact conversion.

^b Calculated by the Energy Information Administration.

^c To convert degrees Celsius (°C) to degrees Fahrenheit (°F) exactly, multiply by 9/5, then add 32.

^d The Btu used in this table is the International Table Btu adopted by the Fifth International Conference on Properties of Steam, London, 1956.

Notes: • Spaces have been inserted after every third digit to the right of the decimal for ease of reading. • Most metric units belong to the International System of Units (SI), and the liter, hectare, and metric ton are accepted for use with the SI units. For more information about the SI units, contact Dr. Barry Taylor at Building 221, Room B610, National Institute of Standards and Technology, Gaithersburg, MD 20899, or on telephone number 301-975-4220.

Sources: • General Services Administration, Federal Standard 376B, *Preferred Metric Units for General Use by the Federal Government* (Washington, DC, January 27, 1993), pp. 9-11, 13, and 16. • National Institute of Standards and Technology, Special Publications 330, 811, and 814. • American National Standards Institute/Institute of Electrical and Electronic Engineers, ANSI/IEEE Std 268-1992, pp. 28 and 29.

Table B2. Metric Prefixes

Unit Multiple	Prefix	Symbol	Unit Subdivision	Prefix	Symbol
10^1	deka	da	10^{-1}	deci	d
10^2	hecto	h	10^{-2}	centi	c
10^3	kilo	k	10^{-3}	milli	m
10^6	mega	M	10^{-6}	micro	μ
10^9	giga	G	10^{-9}	nano	n
10^{12}	tera	T	10^{-12}	pico	p
10^{15}	peta	P	10^{-15}	femto	f
10^{18}	exa	E	10^{-18}	atto	a
10^{21}	zetta	Z	10^{-21}	zepto	z
10^{24}	yotta	Y	10^{-24}	yocto	y

Source: U.S. Department of Commerce, National Institute of Standards and Technology, *The International System of Units (SI)*, NIST Special Publication 330, 1991 Edition (Washington, DC, August 1991), p. 10.

Table B3. Other Physical Conversion Factors

Energy Source	Original Unit	<i>multiplied by</i>	Conversion Factor	<i>equals</i>	Final Unit
Petroleum	barrels (bbl)	x	42 ^a	=	U.S. gallons (gal)
Coal	short tons	x	2,000 ^a	=	pounds (lb)
	long tons	x	2,240 ^a	=	pounds (lb)
	metric tons (t)	x	1,000 ^a	=	kilograms (kg)
Wood	ords (cd)	x	1.25 ^b	=	short tons
	ords (cd)	x	128 ^a	=	cubic feet (ft ³)

^aExact conversion.

^bCalculated by the Energy Information Administration.

Source: U.S. Department of Commerce, National Institute of Standards and Technology, *Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, NIST Handbook 44, 1994 Edition (Washington, DC, October 1993), pp. B-10, C-17 and C-21.

Appendix C. List of *MER* Features

The following is a list of features that have appeared in the *Monthly Energy Review (MER)* since the first issue was published in October 1974. There are four categories of features on the list. "Articles" cover a wide range of energy-related subjects in depth. "Highlights" summarize the most important information presented in the subject Energy Information Administration (EIA) report.

"Energy Previews" provide brief overviews of EIA preliminary energy data on a given topic. "EIA Data News" items present information on changes in the scope, design, methodology, and findings of EIA's energy surveys and databases. Questions and comments about features may be directed to Barbara T. Fichman by telephone on 202-586-5737, by fax on 202-586-0018, or through Internet at bfichman@eia.doe.gov.

Feature	Cover Date
1994	
Energy Preview: Commercial Buildings Energy Consumption Survey, Preliminary Estimates, 1992	January 1994
Highlights: <i>Household Vehicles Energy Consumption 1991</i>	February 1994
Highlights: <i>Energy Use and Carbon Emissions: Some International Comparisons</i>	April 1994
Highlights: <i>Commercial Buildings Characteristics 1992</i>	June 1994
Article: Demand, Supply, and Price Outlook for Reformulated Motor Gasoline 1995	July 1994
1993	
Energy Preview: Residential Transportation Energy Consumption Survey, Preliminary Estimates, 1991	January 1993
EIA Data News: Natural Gas Transported for the Account of Others	February 1993
Highlights: <i>Federal Energy Subsidies: Direct and Indirect Interventions in Energy Markets</i>	July 1993
Highlights: <i>Household Energy Consumption and Expenditures 1990</i>	August 1993
Article: Demand, Supply, and Price Outlook for Low-Sulfur Diesel Fuel	August 1993
Energy Preview: Manufacturing Energy Consumption Survey, Preliminary Estimates, 1991	September 1993
Highlights: <i>Natural Gas 1992: Issues and Trends</i>	September 1993
Highlights: <i>International Energy Outlook 1993</i>	October 1993
Highlights: <i>The Changing Structure of the U.S. Coal Industry: An Update</i>	November 1993
Highlights: <i>Emissions of Greenhouse Gases in the United States 1985-1990</i>	December 1993
Highlights: <i>Assessment of Energy Use in Multibuilding Facilities</i>	December 1993
1992	
Energy Preview: Residential Energy Consumption and Expenditures, Preliminary Estimates, 1990	April 1992
EIA Data News: Oxygenate Data Collection Begins	May 1992
Highlights: <i>Lighting in Commercial Buildings</i>	June 1992
Article: Demand, Supply, and Price Outlook for Oxygenated Gasoline, Winter 1992-1993	August 1992
EIA Data News: EIA Statistics on Electric Utility Demand-Side Management	September 1992
EIA Data News: EIA Statistics on Nonutility Power Producers	October 1992
Highlights: <i>Derived Annual Estimates of Manufacturing Energy Consumption, 1974-1988</i>	November 1992
Article: Energy Efficiency in the Manufacturing Sector	December 1992
1991	
Highlights: <i>U.S. Energy Industry Financial Developments, 1990 Fourth Quarter</i>	March 1991
Article: U.S. Wholesale Electricity Transactions	April 1991
1990	
Article: Refining Results Highlight Energy Companies' First-Half Profit Performance	June 1990
Highlights: <i>U.S. Oil and Gas Reserves by Year of Field Discovery</i>	August 1990

Feature	Cover Date
1989	
Article: A Review of Valdez Oil Spill Market Impacts	March 1989
Article: Monthly U.S. Crude Oil Production Estimates	March 1989
Article: Superconductivity and Energy Production and Consumption	May 1989
Highlights: <i>Commercial Buildings Consumption and Expenditures 1986</i>	May 1989
Article: Higher Prices Yield Improved Energy Industry Financial Results in the First Half of 1989	June 1989
Article: The Future Structure of the U.S. Commercial Nuclear Power Equipment Manufacturing Industry	July 1989
Highlights: <i>Potential Costs of Restricting Chlorofluorocarbon Use</i>	September 1989
Highlights: <i>Manufacturing Energy Consumption Survey: Changes in Energy Efficiency, 1980-1985</i>	October 1989
Highlights: <i>Household Energy Consumption and Expenditures 1987, Part 1: National Data</i>	November 1989
Article: Improved Energy Profits Offset by Refining Results in 1989	December 1989
1988	
Article: Measures of Energy Consumption, Expenditures, and Prices	May 1988
Highlights: <i>Characteristics of Commercial Buildings 1986</i>	June 1988
Article: The U.S. Energy Industry's Financial Recovery Continued in the First Half of 1988	June 1988
Article: A U.S. Perspective on Condensate	June 1988
Article: State Energy Severance Taxes, 1972-1987	July 1988
Highlights: <i>Manufacturing Energy Consumption Survey: Consumption of Energy, 1985</i>	September 1988
Highlights: <i>Profiles of Foreign Direct Investment in U.S. Energy 1987</i>	October 1988
Highlights: <i>Manufacturing Energy Consumption Survey: Fuel Switching, 1985</i>	November 1988
Article: Increased Refining Income Led U.S. Energy Industry Financial Recovery in 1988	December 1988
1987	
Article: Manufacturing Sector Energy Consumption, 1985 Provisional Estimates	January 1987
Highlights: <i>Consumption and Expenditures, April 1984 Through March 1985, Part 1: National Data</i>	April 1987
Highlights: <i>Consumption and Expenditures, April 1984 Through March 1985, Part 2: Regional Data</i>	May 1987
Article: U.S. Energy Industry Financial Developments, 1987 Second Quarter	June 1987
Article: End-Use Consumption of Residential Energy	July 1987
Highlights: <i>Uranium Industry Annual 1986</i>	September 1987
Highlights: <i>Potential Oil Production from ANWR</i>	October 1987
Highlights: <i>Profiles of Foreign Direct Investment in U.S. Energy 1986</i>	November 1987
Article: The U.S. Energy Industry in 1987: A Slow Recovery	December 1987
1986	
Article: State Motor Gasoline Taxes, 1960-1985	March 1986
Article: The Impact of Low Oil Prices on Electric Utility Fuel Choice	June 1986
Article: U.S. Energy Industry Financial Developments, 1986 Second Quarter	June 1986
Highlights: <i>International Energy Annual 1985</i>	September 1986
Article: U.S. Energy Industry Financial Developments, 1986	December 1986
1985	
Highlights: <i>Annual Energy Review 1984</i>	January 1985
Highlights: <i>Performance Profiles of Major Energy Producers 1983</i>	February 1985
Article: Estimating Well Completions	March 1985
Highlights: <i>State Energy Price and Expenditure Report 1970-1982</i>	March 1985

Feature	Cover Date
1985 (continued)	
Highlights: <i>State Energy Data Report, Consumption Estimates, 1960-1983</i>	April 1985
Highlights: <i>Annual Outlook for U.S. Electric Power 1985</i>	June 1985
Highlights: <i>Short-Term Energy Outlook, Volume 1, October 1985</i>	August 1985
Highlights: <i>Analysis of Growth in Electricity Demand, 1980-1984</i>	August 1985
Highlights: <i>Profiles of Foreign Direct Investment in U.S. Energy 1984</i>	November 1985
Highlights: <i>Performance Profiles of Major Energy Producers 1984</i>	December 1985
1984	
Highlights: <i>Annual Energy Review 1983</i>	February 1984
Highlights: <i>Annual Energy Outlook 1983</i>	March 1984
Highlights: <i>State Energy Data Report, Consumption Estimates, 1960-1982</i>	March 1984
Highlights: <i>State Energy Price and Expenditure Report, 1970-1981</i>	May 1984
Highlights: <i>Solar Collector Manufacturing Activity 1983</i>	June 1984
Highlights: <i>International Energy Annual 1983</i>	September 1984
Highlights: <i>Estimates of U.S. Wood Energy Consumption, 1980-1983</i>	September 1984
Highlights: <i>Energy Conservation Indicators 1983 Annual Report</i>	November 1984
Highlights: <i>Annual Energy Outlook 1984</i>	December 1984
1983	
Highlights: <i>Residential Energy Consumption Survey: Consumption and Expenditures</i>	January 1983
Highlights: <i>Residential Energy Consumption Survey: Housing Characteristics</i>	February 1983
Article: The Effect of Weather on Energy Use	April 1983
Article: Trends in U.S. Energy Since 1973	May 1983
Article: Data Series on Petroleum Use at Electric Utilities	July 1983
Highlights: <i>Energy Price and Expenditure Data Report, 1970-1980</i>	July 1983
Highlights: <i>Railroad Deregulation: Impact on Coal</i>	August 1983
Highlights: <i>Port Deepening and User Fees: Impact on U.S. Coal Exports</i>	August 1983
Highlights: <i>U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1982 Annual Report</i>	September 1983
Article: Residential Energy Consumption, 1978 Through 1981	September 1983
Article: Exploring for Oil and Gas	November 1983
Article: The Influence of Federal Actions on Petroleum Exploration	December 1983[2]
Article: Aggregate Statistics: Accurate or Misleading?	December 1983[3]
1982	
Article: The Interstate and Intrastate Natural Gas Markets	January 1982
Article: Natural Gas Drilling and Production Under the Natural Gas Policy Act	February 1982
Highlights: <i>U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1981 Annual Report</i>	September 1982
Article: Impacts of Financial Constraints on the Electric Utility Industry	October 1982
Highlights: <i>Energy Company Development Patterns in the Postembargo Era</i>	November 1982
1981	
Article: Changes in 1981 Petroleum Data Series	May 1981
Article: Information Services of the Energy Information Administration	September 1981
Article: An Overview of Natural Gas Markets	December 1981
1980	
Article: The Solar Collector Industry and Solar Energy	February 1980
Article: Trends in the Installation of Energy Using Equipment in New Residential Buildings	March 1980

Feature	Cover Date
1980 (continued)	
Article: The Energy Information Administration's Oil and Gas Reserves Program—The First Year's Report	June 1980
Article: Energy From Urban Waste	August 1980
Article: Natural Gas Liquids: Revisions to 1979 Data	October 1980
Article: EIA Weekly Petroleum Data: Data Collection and Methods of Estimation	November 1980
Article: The Department of Energy Disclosure Policy for Individually Identifiable Information Maintained by the Energy Information Administration	December 1980
1979	
Article: The Energy Requirements of U.S. Agriculture	July 1979
Article: Three Mile Island—Possible Regulatory Responses and Their Impacts on the Nation's Short-Term Electric Utility Fuel Outlook	October 1979
Article: Reduction in Natural Gas Requirements Due to Fuel Switching	December 1979
1978	
Article: Short-Term Petroleum Supply and Demand	May 1978
1977	
Article: Crude Oil Entitlements Program	January 1977
Article: Motor Gasoline Supply and Demand	July 1977
1976	
Article: Curtailments of Natural Gas Service	January 1976
Article: Home Heating Conservation Alternatives and the Solar Collector Industry	March 1976
Article: Trends in United States Petroleum Imports	September 1976
1975	
Article: Energy Consumption	March 1975
Article: Nuclear Power	April 1975
Article: The Price of Crude Oil	June 1975
Article: U.S. Coal Resources and Reserves	July 1975
Article: Propane—A National Energy Resource	September 1975
Article: Short-Term Energy Supply and Demand Forecasting at FEA	October 1975

Appendix D. Electronic Publishing System (EPUB)

User Instructions

EPUB is an electronic publishing system maintained by the Energy Information Administration of the U.S. Department of Energy. EPUB allows public access to selected energy data from many of EIA's statistical reports. The system is a menu-driven, bulletin board type system with extensive online help capabilities that can be accessed free of charge 24 hours a day by using a terminal or PC with an asynchronous modem. (EPUB will be taken down briefly at midnight for backup.)

Configuring your PC communications software

PC users must provide the following information to their communications software in order to successfully access the EPUB system:

BAUD RATE: 300 - 2400 bps
DATA BITS: 8
STOP BITS: 1
PARITY: NONE
DUPLEX: FULL
TERMINAL TYPE: *examples:* ANSI, ANSI-BBS, VT100

Access phone number

After configuring your software, dial (202) 586-2557 to access EPUB.

Using EPUB

Many users may find that the menu-driven instructions and the online help capabilities will provide enough information to effectively use EPUB. If needed, more extensive information may be found in the *EPUB Users Guide*, available online from the EPUB system or from the:

National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
(202) 586-8800, 9 a.m. to 5 p.m. eastern time, M-F

TTY: For people who are deaf or hard of hearing: (202) 586-1181
Internet: infoctr@eia.doe.gov

EPUB assistance

For communications or technical assistance, call (202) 586-8959, 8 a.m. to 5 p.m. eastern time, M-F.
For questions about the content of EPUB reports, call (202) 586-8800, 9 a.m. to 5 p.m. eastern time, M-F.

EPUB provides data and statistical information from the following EIA publications:

- Heating fuel data (April through September), updated the 2nd week of the month
- Oxygenate data, updated approximately 15 working days after the end of the report month
- *Weekly Petroleum Status Report*, updated on Wednesdays (Thursday in event of a holiday) at 9 a.m.
- *Petroleum Supply Monthly*, updated between the 23rd and 26th of the month
- *Petroleum Marketing Monthly*, updated on the 20th of the month
- *Winter Fuels Report*, propane inventory data updated Wednesdays at 5 p.m. All other data updated on Thursdays (Friday in event of a holiday) at 5 p.m. (October through March)
- *Natural Gas Monthly*, updated on the 20th of the month
- *Weekly Coal Production*, updated on Fridays at 5 p.m.
- *Quarterly Coal Report*, updated 60 days after the end of the quarter
- *Electric Power Monthly*, updated on the 1st of the month
- *Short Term Energy Outlook*, updated 60 days after the end of the quarter
- *Monthly Energy Review*, updated the last week of the month
- *Historical Monthly Energy Review*, monthly data for 1973-1992

Glossary

Anthracite: A hard, black, lustrous coal containing a high percentage of fixed carbon and a low percentage of volatile matter. Often referred to as hard coal. It conforms to ASTM Specification D388-84 for anthracite, meta-anthracite, and semianthracite.

Asphalt: A dark brown to black cement-like material containing bitumens as the predominant constituents obtained by petroleum processing. The definition includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts.

ASTM: The American Society for Testing and Materials.

Aviation Gasoline Blending Components: Naphthas that are used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, and reformat). Excludes oxygenates (alcohols and ethers), butane, and pentanes plus.

Aviation Gasoline, Finished: All special grades of gasoline for use in aviation reciprocating engines, as given in ASTM Specification D910 and Military Specification MIL-G-5572. Excludes blending components that will be used in blending or compounding into finished aviation gasoline.

Barrel (petroleum): A unit of volume equal to 42 U.S. gallons.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

Bituminous Coal: A dense black coal, often with well-defined bands of bright and dull material, with a moisture content usually less than 20 percent. Often referred to as soft coal. It is the most common coal and is used primarily for generating electricity, making coke, and space heating. It conforms to ASTM Specification D388-84 for bituminous coal. In this report, bituminous coal includes subbituminous coal.

British Thermal Unit (Btu): The quantity of heat needed to raise the temperature of 1 pound of water by 1° F at or near 39.2° F. See **Heat Content of a Quantity of Fuel, Gross** and **Heat Content of a Quantity of Fuel, Net**.

Butane: A normally gaseous straight-chain or branched-chain hydrocarbon (C₄H₁₀). It is extracted from natural gas or refinery gas streams. It includes isobutane and normal butane and is designated in

ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

- *Isobutane:* A normally gaseous branched-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9° F. It is extracted from natural gas or refinery gas streams.
- *Normal Butane:* A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 31.1° F. It is extracted from natural gas or refinery gas streams.

Butylene: An olefinic hydrocarbon (C₄H₈) recovered from refinery processes.

Capacity Factor: The ratio of the electrical energy produced by a generating unit for a given period of time to the electrical energy that could have been produced at continuous full-power operation during the same period.

CIF: See **Cost, Insurance, Freight**.

City Gate: A point or measuring station at which a distribution gas utility receives gas from a natural gas pipeline company or transmission system.

Coal: A black or brownish-black solid, combustible substance formed by the partial decomposition of vegetable matter without access to air. The rank of coal, which includes anthracite, bituminous coal, subbituminous coal, and lignite, is based on fixed carbon, volatile matter, and heating value. Coal rank indicates the progressive alteration, or coalification, from lignite to anthracite. Lignite contains approximately 9 to 17 million Btu per ton. The heat contents of subbituminous and bituminous coal range from 16 to 24 million Btu per ton, and from 19 to 30 million Btu per ton, respectively. Anthracite contains approximately 22 to 28 million Btu per ton.

Coal Coke: A hard, porous product made from baking bituminous coal in ovens at temperatures as high as 2,000° F. It is used both as a fuel and as a reducing agent in smelting iron ore in a blast furnace.

Commercial Sector: The commercial sector, as defined economically, consists of business establishments that are not engaged in transportation or in manufacturing or other types of industrial activity (agriculture, mining, or construction). Commercial establishments include hotels, motels, restaurants, wholesale businesses, retail stores, laundries, and other service enterprises; religious and nonprofit organizations; health, social, and educational institutions; and Federal, State, and local governments. Street lights, pumps, bridges, and public services are also included if the establishment operating them is considered commercial.

Completion: The installation of permanent equipment for the production of oil or gas. If a well is equipped to produce only oil or gas from one zone or reservoir, the definition of a well (classified as an oil well or gas well) and the definition of a completion are identical. However, if a well is equipped to produce oil and/or gas separately from more than one reservoir, a well is not synonymous with a completion.

Conversion Factor: A number that translates units of one system into corresponding values of another system. Conversion factors can be used to translate physical units of measure for various fuels into Btu equivalents.

Cost, Insurance, Freight (CIF): A type of sale in which the buyer of the product agrees to pay a unit price that includes the f.o.b. value of the product at the point of origin plus all costs of insurance and transportation. This type of transaction differs from a "delivered" purchase in that the buyer accepts the quantity as determined at the loading port (as certified by the Bill of Lading and Quality Report) rather than pay on the basis of the quantity and quality ascertained at the unloading port. It is similar to the terms of an f.o.b. sale, except that the seller, as a service for which he is compensated, arranges for transportation and insurance.

Crude Oil f.o.b. Price: The crude oil price actually charged at the oil-producing country's port of loading. Includes deductions for any rebates and discounts or additions of premiums, where applicable. It is the actual price paid with no adjustment for credit terms.

Crude Oil (Including Lease Condensate): A mixture of hydrocarbons that exists in liquid phase in underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale. Drip gases are also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Where identifiable, liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded.

Crude Oil Landed Cost: The price of crude oil at the port of discharge, including charges associated with the purchase, transporting, and insuring of a cargo from the purchase point to the port of discharge. The cost does not include charges incurred at the discharge port (e.g., import tariffs or fees, wharfage charges, and demurrage).

Crude Oil Refinery Input: The total crude oil put into processing units at refineries.

Crude Oil Stocks: Stocks of crude oil and lease condensate held at refineries, in pipelines, at pipeline terminals, and on leases.

Crude Oil Used Directly: Crude oil consumed as fuel by crude oil pipelines and on crude oil leases.

Cubic Foot (natural gas): A unit of volume equal to 1 cubic foot at a pressure base of 14.73 pounds standard per square inch absolute and a temperature base of 60° F.

Degree-Day Normals: Simple arithmetic averages of monthly or annual degree-days over a long period of time (usually the 30-year period 1961-1990). The averages may be simple degree-day normals or population-weighted degree-day normals.

Degree-Days, Cooling (CDD): The number of degrees per day that the daily average temperature is above 65° F. The daily average temperature is the mean of the maximum and minimum temperatures for a 24-hour period.

Degree-Days, Heating (HDD): The number of degrees per day that the daily average temperature is below 65° F. The daily average temperature is the mean of the maximum and minimum temperatures for a 24-hour period.

Degree-Days, Population-Weighted: Heating or cooling degree-days weighted by the population of the area in which the degree-days are recorded. To compute State population-weighted degree-days, each State is divided into from one to nine climatically homogeneous divisions, which are assigned weights based on the ratio of the population of the division to the total population of the State. Degree-day readings for each division are multiplied by the corresponding population weight for each division and those products are then summed to arrive at the State population-weighted degree-day figure. To compute national population-weighted degree-days, the Nation is divided into nine Census regions comprised of from three to eight States, which are assigned weights based on the ratio of the population of the region to the total population of the Nation. Degree-day readings for each region are multiplied by the corresponding population weight for each region and those products are then summed to arrive at the national population-weighted degree-day figure.

Design Electrical Rating, Net: The nominal net electrical output of a nuclear unit as specified by the electric utility for the purpose of plant design.

Development Well: A well drilled within the proved area of an oil or gas reservoir to the depth of a stratigraphic horizon known to be productive.

Distillate Fuel Oil: A general classification for one of the petroleum fractions produced in conventional distillation operations. Included are products known as No. 1, No. 2, and No. 4 fuel oils and No. 1, No. 2, and No. 4 diesel fuels. It is used primarily for space heating, on- and off-highway diesel engine fuel (including rail-

road engine fuel and fuel for agricultural machinery), and electric power generation.

Dry Hole: An exploratory or development well found to be incapable of producing either oil or gas in sufficient quantities to justify completion as an oil or gas well.

Dry Natural Gas Production (as a decrement from gas reserves): The volume of natural gas withdrawn from reservoirs during the report year less (1) the volume returned to such reservoirs in cycling, repressuring of oil reservoirs, and conservation operations; (2) shrinkage resulting from the removal of lease condensate and plant liquids; and (3) nonhydrocarbon gases, where they occur in sufficient quantity to render the gas unmarketable. Volumes of gas withdrawn from gas storage reservoirs and native gas that has been transferred to the storage category are not considered production. This is not the same as marketed production, since the latter also excludes vented and flared gas but contains liquids.

Dry Natural Gas Production (as an increment to gas supply): Gross withdrawals from production reservoirs less gas used in reservoir repressuring, amounts vented and flared, nonhydrocarbons removed, and various natural gas constituents, such as ethane, propane, and butane, removed at natural gas processing plants. The parameters for measurement are 60° F and 14.73 pounds standard per square inch absolute.

Electrical System Energy Losses: The amount of energy lost during generation, transmission, and distribution of electricity, including plant and unaccounted-for uses.

Electricity Generation: The process of producing electric energy or transforming other forms of energy into electric energy. Also the amount of electric energy produced or expressed in watthours (Wh).

Electricity Generation, Gross: The total amount of electric energy produced by the generating station or stations, measured at the generator terminals.

Electricity Generation, Net: Gross generation less electricity consumed at the generating plant for station use. Electricity required for pumping at pumped-storage plants is regarded as plant use and is deducted from gross generation.

Electricity Production: Net electricity (gross electricity output measured at generator terminals minus power plant use) generated by publicly and privately owned electric utilities. Excludes industrial electricity generation (except autogeneration of hydroelectric power).

Electricity Sales: The amount of kilowatthours sold in a given period of time; usually grouped by classes of service, such as residential, commercial, industrial, and

other. "Other" sales include sales for public street and highway lighting and other sales to public authorities, sales to railroads and railways, and interdepartmental sales.

Electric Power Plant: A station containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality that owns and/or operates facilities for the generation, transmission, distribution, or sale of electric energy, primarily for use by the public, and that files forms listed in the *Code of Federal Regulations*, Title 18, Part 141. Facilities that qualify as cogenerators or small power producers under the Public Utility Regulatory Policies Act are not considered electric utilities.

Electric Utility Sector: The electric utility sector consists of privately and publicly owned establishments that generate, transmit, distribute, or sell electricity primarily for use by the public and that meet the definition of an electric utility. Nonutility power producers are not included in the electric utility sector.

End-Use Sectors: The residential, commercial, industrial, and transportation sectors of the economy.

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units.

Energy Consumption: The use of energy as a source of heat or power or as an input in the manufacturing process.

Energy Consumption, End-Use: *Primary end-use energy consumption* is the sum of fossil fuel consumption by the four end-use sectors (residential, commercial, industrial, and transportation) and generation of hydroelectric power by nonelectric utilities. *Net end-use energy consumption* includes electric utility sales to those sectors but excludes electrical system energy losses. *Total end-use energy consumption* includes both electric utility sales to the four end-use sectors and electrical system energy losses.

Energy Consumption, Total: The sum of fossil fuel consumption by the five sectors (residential, commercial, industrial, transportation, and electric utility) plus hydroelectric power, nuclear electric power, net im-

ports of coal coke, and electricity generated for distribution from wood, waste, geothermal, wind, photovoltaic, and solar thermal energy.

Energy Source: A substance, such as petroleum, natural gas, or coal, that supplies heat or power. In Energy Information Administration reports, electricity and renewable forms of energy, such as biomass, geothermal, wind, and solar, are considered to be energy sources.

Ethane: A normally gaseous straight-chain hydrocarbon (C₂H₆). It is a colorless, paraffinic gas that boils at a temperature of -127.48° F. It is extracted from natural gas and refinery gas streams.

Ethylene: An olefinic hydrocarbon (C₂H₄) recovered from refinery processes or petrochemical processes.

Exploratory Well: A well drilled to find and produce oil or gas in an unproved area, to find a new reservoir in a field previously found to be productive of oil or gas in another reservoir, or to extend the limit of a known oil or gas reservoir.

Exports: Shipments of goods from the 50 States and the District of Columbia to foreign countries and to Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

f.a.s.: See **Free Alongside Ship**.

Federal Energy Regulatory Commission (FERC): The Federal agency with jurisdiction over interstate electricity sales, wholesale electric rates, hydroelectric licensing, natural gas pricing, oil pipeline rates, and gas pipeline certification. FERC is an independent regulatory agency within the Department of Energy and is the successor to the Federal Power Commission.

Federal Power Commission (FPC): The predecessor agency of the Federal Energy Regulatory Commission. The Federal Power Commission was created by an Act of Congress under the Federal Water Power Act on June 10, 1920. It was charged originally with regulating the electric power and natural gas industries. It was abolished on September 30, 1977, when the Department of Energy was created. Its functions were divided between the Department of Energy and the Federal Energy Regulatory Commission, an independent regulatory agency.

First Purchase Price: The marketed first sales price of domestic crude oil, consistent with the removal price defined by the provisions of the Windfall Profits Tax on Domestic Crude Oil (Public Law 96-223, Sec. 4998 (c)).

Flared Natural Gas: Natural gas burned in flares on the base site or at gas processing plants.

f.o.b.: See **Free on Board**.

Footage Drilled: Total footage for wells in various categories, as reported for any specified period, includes (1) the deepest total depth (length of well bores) of all wells drilled from the surface, (2) the total of all bypassed footage drilled in connection with reported wells, and (3) all new footage drilled for directional sidetrack wells. Footage reported for directional sidetrack wells does not include footage in the common bore, which is reported as footage for the original well. In the case of old wells drilled deeper, the reported footage is that which was drilled below the total depth of the old well.

Former U.S.S.R.: See **U.S.S.R.**

Fossil Fuel: Any naturally occurring organic fuel, such as petroleum, coal, and natural gas.

Fossil Fuel Steam-Electric Power Plant: An electricity generation plant in which the prime mover is a turbine rotated by high-pressure steam produced in a boiler by heat from burning fossil fuels.

Free Alongside Ship (f.a.s.): The value of a commodity at the port of exportation, generally including the purchase price, plus all charges incurred in placing the commodity alongside the carrier at the port of exportation.

Free on Board (f.o.b.): A transaction whereby the seller makes the product available within an agreed-on period at a given port at a given price. It is the responsibility of the buyer to arrange for the transportation and insurance.

Fuel Ethanol: An anhydrous, denatured aliphatic alcohol (C₂H₅OH) intended for motor gasoline blending.

Full-Power Operation: Operation of a nuclear generating unit at 100 percent of its design capacity. Full-power operation precedes commercial operation.

Gasohol: A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol but sometimes methanol) limited to 10 percent by volume of alcohol. Gasohol is included in finished leaded and unleaded motor gasoline.

Gas-Turbine Electric Power Plant: A plant in which the prime mover is a gas turbine. A gas turbine typically consists of an axial-flow air compressor, one or more combustion chambers where liquid or gaseous fuel is burned and the hot gases expand to drive the generator and then are used to run the compressor.

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs. (Wells producing both crude oil and natural gas are classified as oil wells.)

Geothermal Energy: Energy from the internal heat of the Earth, which may be residual heat, friction heat, or a result of radioactive decay. The heat is found in rocks and fluids at various depths and can be extracted by drilling and/or pumping.

Geothermal Energy (as used at electric utilities): Hot water or steam extracted from geothermal reservoirs in the Earth's crust and supplied to steam turbines at electric utilities that drive generators to produce electricity.

Gross Domestic Product (GDP): The total value of goods and services produced by labor and property located in the United States. As long as the labor and property are located in the United States, the supplier (that is, the workers and, for property, the owners) may be either U.S. residents or residents of foreign countries.

Heat Content of a Quantity of Fuel, Gross: The total amount of heat released when a fuel is burned. Coal, crude oil, and natural gas all include chemical compounds of carbon and hydrogen. When those fuels are burned, the carbon and hydrogen combine with oxygen in the air to produce carbon dioxide and water. Some of the energy released in burning goes into transforming the water into steam and is usually lost. The amount of heat spent in transforming the water into steam is counted as part of gross heat content but is not counted as part of net heat content. Also referred to as the higher heating value. Btu conversion factors typically used in EIA represent gross heat content.

Heat Content of a Quantity of Fuel, Net: The amount of usable heat energy released when a fuel is burned under conditions similar to those in which it is normally used. Also referred to as the lower heating value. Btu conversion factors typically used in EIA represent gross heat content.

Heavy Oil: The fuel oils remaining after the lighter oils have been distilled off during the refining process. Except for start-up and flame stabilization, virtually all petroleum used in steam-electric power plants is heavy oil.

Hydrocarbon: An organic chemical compound of hydrogen and carbon in the gaseous, liquid, or solid phase. The molecular structure of hydrocarbon compounds varies from the simplest (methane, the primary constituent of natural gas) to the very heavy and very complex.

Hydroelectric Power: The production of electricity from the kinetic energy of falling water.

Hydroelectric Power Plant: A plant in which the turbine generators are driven by falling water.

Imports: Receipts of goods into the 50 States and the District of Columbia from foreign countries and from

Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Industrial Sector: The industrial sector comprises manufacturing industries, which make up the largest part of this sector, along with mining, construction, agriculture, fisheries, and forestry. Establishments in this sector range from steel mills, to small farms, to companies assembling electronic components.

Internal Combustion Electric Power Plant: A power plant in which the prime mover is an internal combustion engine. Diesel or gas-fired engines are the principal types used in electric power plants. The plant is usually operated during periods of high demand for electricity.

Jet Fuel: The term includes kerosene-type jet fuel and naphtha-type jet fuel. Kerosene-type jet fuel is a kerosene-quality product used primarily for commercial turbojet and turboprop aircraft engines. Naphtha-type jet fuel is a fuel in the heavy naphthas range used primarily for military turbojet and turboprop aircraft engines.

Kerosene: A petroleum distillate that has a maximum distillation temperature of 401° F at the 10-percent recovery point, a final boiling point of 572° F, and a minimum flash point of 100° F. Included are the two grades designated in ASTM D3699 (No. 1-K and No. 2-K) and all grades of kerosene called range or stove oil. Kerosene is used in space heaters, cook stoves, and water heaters; it is suitable for use as an illuminant when burned in wick lamps.

Lease and Plant Fuel: Natural gas used in well, field, and lease operations (such as gas used in drilling operations, heaters, dehydrators, and field compressors), and as fuel in natural gas processing plants.

Lease Condensate: A natural gas liquid recovered from gas well gas (associated and non-associated) in lease separators or natural gas field facilities. Lease condensate consists primarily of pentanes and heavier hydrocarbons.

Light Oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Lignite: A brownish-black coal of low rank with a high content of moisture and volatile matter. Often referred to as brown coal. It is used almost exclusively for electric power generation. It conforms to ASTM Specification D388-84 for lignite.

Liquefied Natural Gas (LNG): Natural gas (primarily methane) that has been liquefied by reducing its temperature to -260° F at atmospheric pressure.

Liquefied Petroleum Gases (LPG): Ethane, ethylene, propane, propylene, normal butane, butylene, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate new natural gas plant liquids.

Low-Power Testing: The period of time between a nuclear generating unit's initial fuel loading date and the issuance of its operating (full-power) license. The maximum level of operation during that period is 5 percent of the unit's design thermal rating.

Lubricants: Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacturing of other products or as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Other substances may be added to impart or improve certain required properties. Excluded are byproducts of lubricating oil refining, such as aromatic extracts derived from solvent extraction or tars derived from deasphalting. Included are all grades of lubricating oils from spindle oil to cylinder oil and those used in greases. Lubricant categories are paraffinic and naphthenic.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and non-hydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations.

Methanol: A light, volatile alcohol (CH₃OH) eligible for motor gasoline blending.

Miscellaneous Petroleum Products: All finished petroleum products not classified elsewhere—for example, petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils.

Motor Gasoline Blending Components: Naphthas that will be used for blending or compounding into finished motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and zylene). Excluded are oxygenates (alcohols and ethers), butane, and pentanes plus.

Motor Gasoline, Finished: A complex mixture of relatively volatile hydrocarbons, with or without small quantities of additives, that has been blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as given in ASTM Specification D439 or Federal Specification VV-G-1690B, includes a range in distillation temperatures from 122 to 158° F at the 10-percent recovery point and from 365 to 374° F at the 90-percent recovery point. Motor gasoline includes finished leaded gasoline, finished unleaded gasoline, and gasohol. Blendstock is excluded until blending has been

completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Motor Gasoline, Finished Gasohol: A blend of finished motor gasoline (leaded or unleaded) and alcohol (generally ethanol, but sometimes methanol) in which 10 percent or more of the product is alcohol.

Motor Gasoline, Finished Leaded: Motor gasoline that contains more than 0.05 gram of lead per gallon or more than 0.005 gram of phosphorus per gallon. Premium and regular grades are included, depending on the octane rating. Includes leaded gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Motor Gasoline, Finished Leaded Premium: Motor gasoline having an antiknock index, calculated as (R+M)/2, greater than 90 and containing more than 0.05 gram of lead per gallon or more than 0.005 gram of phosphorus per gallon.

Motor Gasoline, Finished Leaded Regular: Motor gasoline having an antiknock index, calculated as (R+M)/2, greater than or equal to 87 and less than or equal to 90 and containing more than 0.05 gram of lead or 0.005 gram of phosphorus per gallon.

Motor Gasoline, Finished Unleaded: Motor gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon. Premium and regular grades are included, depending on the octane rating. Includes unleaded gasohol. Blendstock is excluded until blending has been completed. Alcohol that is to be used in the blending of gasohol is also excluded.

Motor Gasoline, Finished Unleaded Midgrade: Motor gasoline having an antiknock index, calculated as (R+M)/2, greater than or equal to 88 and less than or equal to 90 and containing not more than 0.05 gram of phosphorus per gallon.

Motor Gasoline, Finished Unleaded Premium: Motor gasoline having an antiknock index, calculated as (R+M)/2, greater than 90 and containing not more than 0.05 gram of lead or 0.005 gram of phosphorus per gallon.

Motor Gasoline, Finished Unleaded Regular: Motor gasoline having an antiknock index, calculated as (R+M)/2, of 87 containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Motor Gasoline Retail Prices: Motor gasoline prices calculated each month by the Bureau of Labor Statistics (BLS) in conjunction with the construction of the Consumer Price Index (CPI). Those prices are collected in 85 urban areas selected to represent all urban consum-

ers—about 80 percent of the total U.S. population. The service stations are selected initially, and on a replacement basis, in such a way that they represent the purchasing habits of the CPI population. Service stations in the current sample include those providing all types of service (i.e., full-, mini-, and self-service).

Motor Gasoline, Total: Includes finished leaded motor gasoline (premium and regular), finished unleaded motor gasoline (premium, midgrade, and regular), motor gasoline blending components, and gasohol.

MTBE (Methyl Tertiary Butyl Ether): An ether, $(\text{CH}_3)_3\text{COCH}_3$, intended for motor gasoline blending.

Naphtha: A generic term applied to a petroleum fraction with an approximate boiling range between 122 and 400° F.

Natural Gas: A mixture of hydrocarbons (principally methane) and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in underground reservoirs.

Natural Gas, Dry: The marketable portion of natural gas production, which is obtained by subtracting extraction losses, including natural gas liquids removed at natural gas processing plants, from total production.

Natural Gas Marketed Production: Gross withdrawals of natural gas from production reservoirs, less gas used for reservoir repressuring; nonhydrocarbon gases removed in treating and processing operations; and quantities vented and flared.

Natural Gas Plant Liquids (NGPL): Natural gas liquids recovered from natural gas in processing plants and, in some situations, from natural gas field facilities, as well as those extracted by fractionators. Natural gas plant liquids are defined according to the published specifications of the Gas Processors Association and the American Society for Testing and Materials as follows: ethane, propane, normal butane, isobutane, pentanes plus, and other products from natural gas processing plants (i.e., products meeting the standards for finished petroleum products produced at natural gas processing plants, such as finished motor gasoline, finished aviation gasoline, special naphthas, kerosene, distillate fuel oil, and miscellaneous products).

Natural Gas Wellhead Price: The wellhead price of natural gas is calculated by dividing the total reported value at the wellhead by the total quantity produced as reported by the appropriate agencies of individual producing States and the U.S. Minerals Management Service. The price includes all costs prior to shipment from the lease, including gathering and compression costs, in addition to State production, severance, and similar charges.

Natural Gas, Wet: Natural gas prior to the extraction of liquids and other miscellaneous products.

Net Consumption: See **Energy Consumption, End-Use**.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Nuclear Electric Power: Electricity generated by an electric power plant whose turbines are driven by steam generated in a reactor by heat from the fissioning of nuclear fuel.

Nuclear Electric Power Plant: A single-unit or multi-unit facility in which heat produced in one or more reactors by the fissioning of nuclear fuel is used to drive one or more steam turbines.

Nuclear Reactor: An apparatus in which the nuclear fission chain can be initiated, maintained, and controlled so that energy is released at a specific rate. The reactor includes fissionable material (fuel), such as uranium or plutonium; fertile material; moderating material (unless it is a fast reactor); a heavy-walled pressure vessel; shielding to protect personnel; provision for heat removal; and control elements and instrumentation.

Offshore: That geographic area that lies seaward of the coastline. In general, the coastline is the line of ordinary low water along with that portion of the coast that is in direct contact with the open sea or the line marking the seaward limit of inland water.

Oil: See **Crude Oil (Including Lease Condensate)**.

Oil Well: A well completed for the production of crude oil from one or more oil zones or reservoirs. Wells producing both crude oil and natural gas are classified as oil wells.

Operable (nuclear): A U.S. nuclear generating unit is considered operable after it completes low-power testing and is issued a full-power operating license by the Nuclear Regulatory Commission. A foreign nuclear generating unit is considered operable once it has generated electricity to the grid.

Organization for Economic Cooperation and Development (OECD): Current members are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, the United States and its territories (Guam, Puerto Rico, and the Virgin Islands), and Germany.

Organization of Petroleum Exporting Countries (OPEC): Countries that have organized for the purpose

of negotiating with oil companies on matters of oil production, prices, and future concession rights. Current members are Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Pentanes Plus: A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Petrochemical Feedstocks: Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics.

Petroleum: A generic term applied to oil and oil products in all forms, such as crude oil, lease condensate, unfinished oils, petroleum products, natural gas plant liquids, and nonhydrocarbon compounds blended into finished petroleum products.

Petroleum Coke: A residue that is the final product of the condensation process in cracking. The product is either marketable petroleum coke or catalyst petroleum coke.

Petroleum Coke, Catalyst: The carbonaceous residue that is deposited on and deactivates the catalyst used in many catalytic operations (e.g., catalytic cracking). Carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. That carbon or coke is not recoverable in a concentrated form.

Petroleum Coke, Marketable: Those grades of coke produced in delayed or fluid cokers that may be recovered as relatively pure carbon. Marketable petroleum coke may be sold as is or further purified by calcining.

Petroleum Consumption: The sum of all refined petroleum products supplied. For each refined petroleum product, the amount supplied is calculated by adding production and imports, then subtracting changes in primary stocks (net withdrawals are a plus quantity and net additions are a minus quantity) and exports.

Petroleum Imports: Imports of petroleum into the 50 States and the District of Columbia from foreign countries and from Puerto Rico, the Virgin Islands, and other U.S. territories and possessions. Included are imports for the Strategic Petroleum Reserve and withdrawals from bonded warehouses for onshore consumption, offshore bunker use, and military use. Excluded are receipts of foreign petroleum into bonded warehouses and into U.S. territories and U.S. Foreign Trade Zones.

Petroleum Products: Products obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline,

naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Petroleum Products Supplied: See **Petroleum Consumption**.

Petroleum Stocks, Primary: For individual products, quantities that are held at refineries, in pipelines, and at bulk terminals that have a capacity of 50,000 barrels or more, or that are in transit thereto. Stocks held by product retailers and resellers, as well as tertiary stocks held at the point of consumption, are excluded. Stocks of individual products held at gas processing plants are excluded from individual product estimates but are included in other oils estimates and total.

Photovoltaic and Solar Thermal Energy (as used at electric utilities): Energy radiated by the sun as electromagnetic waves (electromagnetic radiation) that is converted at electric utilities into electricity by means of solar (photovoltaic) cells or concentrating (focusing) collectors.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Primary Consumption: See **Energy Consumption, End-Use**.

Propane: A normally gaseous straight-chain hydrocarbon (C₃H₈). It is a colorless paraffinic gas that boils at a temperature of -43.67° F. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene: An olefinic hydrocarbon (C₃H₆) recovered from refinery or petrochemical processes.

Refiner Acquisition Cost of Crude Oil: The cost of crude oil to the refiner, including transportation and fees. The composite cost is the weighted average of domestic and imported crude oil costs.

Refinery (petroleum): An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and alcohol.

Renewable Energy: Energy obtained from sources that are essentially inexhaustible (unlike, for example, the fossil fuels, of which there is a finite supply). Renewable sources of energy include wood, waste, photovoltaic, and solar thermal energy.

Repressuring: The injection of a pressurized fluid (such as air, gas, or water) into oil and gas reservoir formations to effect greater ultimate recovery.

Residential Sector: The residential sector is considered to consist of all private residences, whether occupied or vacant, owned or rented, including single-family homes, multifamily housing units, and mobile homes. Secondary homes, such as summer homes, are also included. Institutional housing, such as school dormitories, hospitals, and military barracks, generally are not included in the residential sector; they are included in the commercial sector.

Residual Fuel Oil: The heavier oils that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations and that conform to ASTM Specifications D396 and 975. Included are No. 5, a residual fuel oil of medium viscosity; Navy Special, for use in steam-powered vessels in government service and in shore power plants; and No. 6, which includes Bunker C fuel oil and is used for commercial and industrial heating, electricity generation, and to power ships. Imports of residual fuel oil include imported crude oil burned as fuel.

Road Oil: Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades, from 0, the most liquid, to 5, the most viscous.

Rotary Rig: A machine used for drilling wells that employs a rotating tube attached to a bit for boring holes through rock.

Short Ton (coal): A unit of weight equal to 2,000 pounds.

SIC: See **Standard Industrial Classification**.

Solar Energy: The radiant energy of the sun, which can be converted into other forms of energy, such as heat or electricity.

Standard Industrial Classification (SIC): A set of codes developed by the Office of Management and Budget which categorizes industries into groups with similar economic activities.

Startup Test Phase of Nuclear Power Plant: A nuclear power plant that has been licensed by the Nuclear Regulatory Commission to operate but is still in the initial testing phase, during which the production of electricity may not be continuous. In general, when the electric utility is satisfied with the plant's performance, it formally accepts the plant from the manufacturer and places it in commercial operation status. A request is then submitted to the appropriate utility rate commission to include the power plant in the rate base calculation.

Steam-Electric Power Plant: A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels are burned.

Strategic Petroleum Reserve (SPR): Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Subbituminous Coal: A dull, black coal of rank intermediate between lignite and bituminous coal. It conforms to ASTM Specification D388-84 for subbituminous coal.

Supplemental Gaseous Fuels: Any gaseous substance that, introduced into or commingled with natural gas, increases the volume available for disposition. Such substances include, but are not limited to, propane-air, refinery gas, coke oven gas, still gas, manufactured gas, biomass gas, or air or inert gases added for Btu stabilization.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, resulting from the conversion or reforming of petroleum hydrocarbons. It may easily be substituted for, or interchanged with, pipeline quality natural gas. Also referred to as substitute natural gas.

Total Consumption: See **Energy Consumption, End-Use**.

Transportation Sector: The transportation sector consists of private and public vehicles that move people and commodities. Included are automobiles, trucks, buses, motorcycles, railroads and railways (including streetcars), aircraft, ships, barges, and natural gas pipelines.

Unaccounted-for Crude Oil: Arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production and imports, less changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Underground Storage: The storage of natural gas in underground reservoirs at a different location from which it was produced.

United States: Unless otherwise noted, "United States" in this publication means the 50 States and the District of Columbia. U.S. exports include shipments to U.S. territories, and imports include receipts from U.S. territories.

U.S.S.R.: The Union of Soviet Socialist Republics consisted of 15 constituent republics: Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan,

Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan. As a political entity, the U.S.S.R. ceased to exist as of December 31, 1991.

Vented Natural Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: The value of crude oil or natural gas at the mouth of the well.

Well Servicing Unit: Truck-mounted equipment generally used for downhole services after a well is drilled. Services include well completions and recompletions, maintenance, repairs, workovers, and well plugging and abandonments. Jobs range from minor operations, such as pulling the rods and rod pumps out of an oil well, replacing the pump and rerunning the assemblage into the well, to major workovers, such as milling out and repairing collapsed casing. Well depth and characteristics determine the type of equipment used.

Wind Energy (as used at electric utilities): The kinetic energy of wind converted at electric utilities into mechanical energy by wind turbines (i.e., blades rotating from a hub) that drive generators to produce electricity for distribution.

Wood and Waste (as used at electric utilities): Wood energy, garbage, bagasse, sewerage gas, and other industrial, agricultural, and urban refuse used to generate electricity for distribution.

Wood Energy: Wood and wood products used as fuel, including round wood (cord wood), limb wood, wood chips, bark, sawdust, forest residues, charcoal, pulp waste, and spent pulping liquor.

Working Gas: The gas in a reservoir that is in addition to the base (cushion) gas. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any given season.

Historical Integrated Energy Data Reports from the Energy Information Administration

The **Monthly Energy Review*** (DOE/EIA-0035) presents current monthly data on production, consumption, stocks, imports, exports, and prices of the principal energy commodities in the United States. Also included are data on international production of crude oil, consumption of petroleum products, petroleum stocks, and production of electricity from nuclear-powered facilities.

The **Historical Monthly Energy Review*** (DOE/EIA-0035(73-92)) presents monthly data from January 1973 through December 1992 for most of the series that are published for current months only in the *Monthly Energy Review*.

The **Annual Energy Review*** (DOE/EIA-0384) presents long-term historical annual energy data. Most series begin in 1949. U.S. energy consumption, production, trade, and prices are included. Major sections of the report are energy overview, consumption indicators, financial indicators, energy resources, petroleum, natural gas, coal, electricity, nuclear energy, renewable energy, and international energy.

The **State Energy Data Report*** (DOE/EIA-0214) presents estimates of annual energy consumption at the State and national levels by major sector (i.e., residential, commercial, industrial, transportation, and electric utilities) and by principal energy type for selected years. The base year is 1960. The report includes documentation of the consumption estimates for each source of energy, the sources of all data, and a summary of changes made to historical data in the report since its previous release.

The **State Energy Price and Expenditure Report*** (DOE/EIA-0376) presents annual energy price and expenditure estimates at the State and national levels for selected years. The base year is 1970. The estimates are presented by energy source (e.g., petroleum, natural gas, coal, and electricity) and by major sector (i.e., residential, commercial, industrial, transportation, and electric utilities). The report includes documentation of the price estimates for each type of energy, the sources of all data, and a summary of any changes made to historical data in the report since its previous release.

The **International Energy Annual** (DOE/EIA-0219) presents annual data for production, consumption, imports, and exports of primary energy commodities in more than 190 countries, dependencies, and areas of special sovereignty. Also included are prices of crude oil and petroleum products in selected countries. The data presented are derived largely from national publications, international organizations, and other authoritative sources. The data are converted to units of measurement and thermal values familiar to the American public.

The **International Petroleum Statistics Report** (DOE/EIA-0520) presents current monthly international petroleum data on production, consumption, imports, and stocks. Included are oil consumption and stocks for specific countries in the Organization for Economic Cooperation and Development (OECD). Also provided are the oil supply-consumption balances for the world in quarterly intervals and oil imports by OECD countries.

*Data for this report are also available on computer diskettes

For further information, contact the: National Energy Information Center, EI-231
Energy Information Administration
Forrestal Building, Room 1F-048
Washington, DC 20585
202-586-8800, 9 a.m. to 5 p.m., eastern time, M-F
Internet: infoctr@eia.doe.gov

TTY: For people who are deaf or hard of hearing: 202-586-1181