

Table 89. Domestic Refinery Distillation Base Capacity, Expansion, and Utilization (1 of 1)
(Million Barrels per Day)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
PAD District I																						
Base Capacity	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-0.5%
Capacity Additions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	N/A
Total Capacity	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7	1.7	1.8	0.2%
Utilization	92.0	90.0	92.0	93.0	93.0	93.0	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	92.9	92.9	92.9	92.9	0.0%
PAD Districts II to IV																						
Base Capacity	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	0.1%
Capacity Additions	0.1	0.0	0.0	0.2	0.7	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	N/A
Total Capacity	11.8	11.8	11.8	12.2	12.5	12.9	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	0.6%
Utilization	94.0	95.8	94.0	93.1	93.0	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	0.0%
PAD District V																						
Base Capacity	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	0.1%
Capacity Additions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	N/A
Total Capacity	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	0.2%
Utilization	88.0	89.0	88.0	73.9	75.6	77.7	76.9	80.4	81.2	83.1	84.4	87.8	89.1	91.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	0.3%
United States																						
Base Capacity	16.5	16.6	16.6	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	0.0%
Capacity Additions	0.1	0.0	0.0	0.3	0.7	1.0	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.6	1.6	N/A
Total Capacity	16.6	16.6	16.6	16.8	17.2	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.9	18.0	18.1	18.2	0.5%
Utilization	93.0	94.0	93.0	86.5	88.8	90.0	90.3	91.0	91.1	91.5	91.7	92.3	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	0.0%

PAD = Petroleum Administration for Defense.

N/A = Not applicable.

Note: Base capacity is for the beginning of the year.

Source: 2000: Energy Information Administration (EIA), Petroleum Supply Annual 2000, DOE/EIA-0340(2000)/1 (Washington, DC, June 2001). Projections: EIA, AE02002

National Energy Modeling System run aec2002.d102001b.

Table 90. Components of Selected Petroleum Product Prices (1 of 1)
(2000 Dollars per Gallon)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Diesel																						
End-User Price	1.50	1.45	1.36	1.28	1.29	1.28	1.31	1.37	1.38	1.39	1.41	1.41	1.41	1.41	1.40	1.40	1.40	1.39	1.39	1.38	1.38	-0.4%
Federal Taxes	0.24	0.24	0.23	0.23	0.22	0.22	0.21	0.21	0.20	0.20	0.19	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.14	-2.6%
State Taxes	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.0%
Distribution Costs	0.13	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.0%
Wholesale Price	0.91	0.85	0.77	0.69	0.70	0.70	0.72	0.79	0.81	0.82	0.85	0.86	0.86	0.86	0.86	0.87	0.87	0.87	0.87	0.87	0.88	-0.2%
Motor Gasoline																						
End-User Price	1.53	1.52	1.37	1.35	1.35	1.37	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40	-0.4%
Federal Taxes	0.18	0.18	0.18	0.17	0.17	0.16	0.16	0.15	0.15	0.15	0.14	0.14	0.14	0.13	0.13	0.12	0.12	0.12	0.11	0.11	0.11	2.7%
State Taxes 1/	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.0%
Distribution Costs	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.4%
Wholesale Price	0.98	0.97	0.82	0.82	0.82	0.84	0.87	0.87	0.88	0.88	0.88	0.89	0.90	0.90	0.90	0.91	0.91	0.91	0.91	0.92	0.92	-0.3%
Jet Fuel																						
End-User Price	0.99	0.80	0.77	0.74	0.74	0.75	0.74	0.76	0.76	0.78	0.79	0.81	0.81	0.82	0.83	0.85	0.86	0.86	0.86	0.86	0.86	-0.7%
Federal Taxes	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-2.6%
State Taxes	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.0%
Distribution Costs	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	N/A
Wholesale Price	0.93	0.75	0.71	0.68	0.69	0.70	0.69	0.71	0.72	0.74	0.75	0.76	0.77	0.78	0.79	0.81	0.82	0.82	0.82	0.82	0.82	-0.6%
Residential Distillate Fuel/Heating Oil																						
End-User Price	1.31	1.25	1.15	1.06	1.06	1.07	1.06	1.06	1.08	1.09	1.10	1.10	1.11	1.13	1.16	1.17	1.17	1.18	1.18	1.18	1.18	-0.5%
Distribution Costs	0.41	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	-0.1%
Wholesale Price	0.90	0.85	0.75	0.65	0.66	0.66	0.66	0.67	0.67	0.69	0.71	0.71	0.72	0.74	0.77	0.78	0.79	0.79	0.79	0.79	0.80	-0.6%
World Oil Price	0.66	0.54	0.50	0.53	0.54	0.54	0.54	0.55	0.55	0.55	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.58	-0.6%

1/ Includes a 2 cent average local tax.

NA = Not applicable.

Sources: 2000 distribution costs and wholesale prices: estimated based on Energy Information Administration (EIA) Form EIA-785A, "Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report" and EIA-722B, "Resellers/Retailers' Monthly Petroleum Product Sales Report"; 2000 diesel and gasoline taxes: Federal Highway Administration, Table 16F-121T.

http://www.fhwa.dot.gov/ohm/hm/mr/page.htm, March 2000. 2000 jet fuel taxes: EIA, Office of Oil and Gas. 2000 end-user prices: estimated as the sum of the components.

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 91. Lower 48 Crude Oil Production and Wellhead Prices by Supply Region (1 of 1)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020
Production 1/																						
(million barrels per day)																						
Lower 48 Total	4.85	4.87	4.88	4.77	4.65	4.58	4.53	4.54	4.48	4.44	4.38	4.34	4.31	4.44	4.57	4.65	4.68	4.67	4.65	4.57	4.53	-0.3%
Lower 48 Onshore																						
Northeast	0.10	0.09	0.09	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	-1.0%
Gulf Coast	0.62	0.60	0.58	0.53	0.49	0.45	0.42	0.39	0.36	0.34	0.32	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.22	-5.1%
Midcontinent	0.33	0.33	0.32	0.33	0.32	0.31	0.30	0.30	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.29	0.29	-0.7%
Southwest	1.30	1.07	1.04	1.07	1.03	1.00	0.98	0.95	0.93	0.92	0.91	0.90	0.89	0.89	0.89	0.89	0.89	0.90	0.90	0.90	0.91	-1.0%
Rocky Mountain	0.40	0.38	0.38	0.42	0.40	0.38	0.36	0.35	0.34	0.33	0.32	0.32	0.32	0.32	0.32	0.33	0.34	0.35	0.36	0.37	0.39	-0.1%
West Coast	0.69	0.67	0.66	0.69	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.77	0.78	0.79	0.80	0.82	0.82	0.83	0.83	0.83	0.82	0.8%
Lower 48 Offshore																						
Gulf	1.47	1.58	1.70	1.52	1.51	1.54	1.56	1.64	1.64	1.62	1.58	1.56	1.53	1.66	1.77	1.83	1.84	1.81	1.77	1.67	1.61	0.5%
Pacific	0.15	0.13	0.12	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.17	0.16	0.18	0.18	0.20	0.20	0.21	0.22	2.0%
Atlantic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NA
Wellhead Prices (2000 dollars per barrel)																						
Lower 48 Average	27.59	22.76	21.22	21.98	22.33	22.28	22.19	22.37	22.43	22.62	22.70	22.89	22.86	22.97	23.06	23.15	23.28	23.42	23.51	23.67	23.79	-0.7%
Lower 48 Onshore																						
Northeast	28.05	23.13	21.55	22.17	22.62	22.47	22.21	22.43	22.42	22.60	22.70	22.90	22.90	23.00	23.06	23.16	23.34	23.50	23.60	23.82	23.97	-0.8%
Gulf Coast	28.55	23.54	21.94	22.01	22.39	22.29	22.08	22.27	22.30	22.48	22.60	22.79	22.80	22.90	22.98	23.09	23.26	23.41	23.50	23.69	23.83	-0.9%
Midcontinent	28.70	23.66	22.05	22.01	22.41	22.31	22.13	22.34	22.34	22.51	22.62	22.81	22.83	22.92	22.98	23.09	23.26	23.42	23.52	23.74	23.89	-0.9%
Southwest	28.67	23.64	22.02	21.74	22.08	22.06	21.88	22.18	22.21	22.36	22.47	22.67	22.71	22.80	22.86	22.97	23.12	23.28	23.40	23.60	23.75	-0.9%
Rocky Mountain	27.72	22.86	21.30	22.06	22.45	22.33	22.11	22.30	22.34	22.52	22.63	22.82	22.83	22.93	23.00	23.11	23.28	23.43	23.53	23.72	23.86	-0.7%
West Coast	24.88	20.52	19.12	20.91	21.00	21.09	21.35	21.44	21.59	21.88	21.87	22.09	21.94	22.00	22.08	22.06	22.14	22.21	22.32	22.42	22.53	-0.5%
Lower 48 Offshore																						
Gulf	27.72	22.86	21.30	22.89	23.29	23.18	22.96	23.16	23.20	23.38	23.50	23.70	23.71	23.82	23.90	24.01	24.19	24.34	24.44	24.64	24.78	-0.6%
Pacific	23.58	19.44	18.12	19.36	19.53	19.62	19.86	19.94	20.08	20.35	20.34	20.54	20.40	20.46	20.53	20.52	20.59	20.66	20.76	20.85	20.95	-0.6%
Atlantic	27.72	22.86	21.30	22.17	22.62	22.47	22.21	22.43	22.42	22.60	22.70	22.90	22.90	23.00	23.06	23.16	23.34	23.50	23.60	23.82	23.97	-0.7%

1/ Includes lease condensate.

NA = Not applicable.

Note: Supply regions are defined in "Documentation of the Oil and Gas Supply Module," Energy Information Administration (EIA), DOE/EIA-M03(2000) (Washington, DC, January 2000).

Values may not equal sum of components due to independent rounding. Data for 2020 may differ slightly from official EIA data reports due to internal conversion factors within the AEO2002 National Energy Modeling System.

Sources: 2000: Energy Information Administration (EIA), Office of Integrated Analysis and Forecasting, and Petroleum Supply Annual 2000, DOE/EIA-0340(2000)

(Washington, DC, June 2001). Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 92. Lower 48 Natural Gas Production and Wellhead Prices by Supply Region (1 of 1)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020
Div Production (trillion cubic feet) 1/																						
Lower 48 Total	18.85	18.83	19.07	19.72	20.03	20.23	20.75	21.19	21.77	22.27	22.95	23.67	24.20	24.71	25.21	25.75	26.23	26.69	27.17	27.49	27.88	2.0%
Lower 48 Onshore																						
Northeast	0.93	0.91	0.99	1.05	1.09	1.14	1.21	1.28	1.34	1.39	1.46	1.55	1.63	1.71	1.76	1.81	1.84	1.90	1.98	2.08	2.19	4.4%
Gulf Coast	4.81	4.70	4.93	5.07	5.07	5.02	5.06	5.09	5.14	5.24	5.47	5.76	6.03	6.27	6.46	6.65	6.76	6.81	6.80	6.71	6.64	1.6%
Midcontinent	2.58	2.59	2.79	2.86	2.87	2.86	2.88	2.90	2.93	2.96	3.05	3.15	3.24	3.31	3.38	3.47	3.55	3.63	3.71	3.77	3.83	2.0%
Southwest	1.61	1.60	1.59	1.54	1.53	1.55	1.61	1.65	1.72	1.78	1.87	1.95	2.01	2.05	2.09	2.12	2.15	2.18	2.21	2.24	2.28	1.8%
Rocky Mountain	3.08	3.49	3.12	3.35	3.42	3.46	3.63	3.72	3.87	4.04	4.24	4.46	4.60	4.73	4.86	4.97	5.11	5.28	5.46	5.59	5.75	3.2%
West Coast	0.31	0.34	0.32	0.28	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.38	0.40	0.40	0.41	0.42	0.44	1.9%
Lower 48 Offshore																						
Gulf	5.28	5.16	5.31	5.51	5.67	5.81	5.97	6.15	6.37	6.45	6.44	6.37	6.25	6.20	6.22	6.29	6.37	6.43	6.53	6.62	6.68	1.2%
Pacific	0.06	0.06	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.8%
Atlantic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Wellhead Prices (2000 dollars per thousand cubic feet)																						
Lower 48 Average	3.60	3.94	1.98	2.37	2.58	2.66	2.70	2.71	2.79	2.81	2.85	2.91	2.97	3.01	3.03	3.07	3.08	3.13	3.17	3.20	3.26	-0.5%
Lower 48 Onshore																						
Northeast	4.17	4.62	2.32	2.65	2.87	2.94	2.96	3.01	3.12	3.16	3.19	3.23	3.27	3.33	3.41	3.49	3.53	3.52	3.51	3.51	3.55	-0.8%
Gulf Coast	3.74	3.83	1.94	2.34	2.58	2.68	2.69	2.73	2.79	2.79	2.80	2.84	2.90	2.95	2.99	3.03	3.08	3.16	3.24	3.30	3.36	-0.5%
Midcontinent	3.56	3.74	1.91	2.40	2.65	2.72	2.73	2.77	2.84	2.85	2.87	2.92	2.98	3.03	3.05	3.08	3.10	3.15	3.20	3.24	3.30	-0.4%
Southwest	3.71	4.17	2.06	2.57	2.73	2.66	2.66	2.68	2.73	2.74	2.76	2.85	2.93	2.99	3.04	3.08	3.11	3.14	3.19	3.22	3.26	-0.7%
Rocky Mountain	3.26	3.98	1.87	2.22	2.48	2.59	2.68	2.62	2.71	2.71	2.70	2.72	2.78	2.86	2.86	2.91	2.92	2.91	2.92	2.96	3.00	-0.4%
West Coast	3.78	4.96	2.55	3.12	3.12	3.03	3.11	3.03	3.12	3.08	3.00	3.00	3.04	3.08	3.14	3.21	3.24	3.25	3.26	3.24	3.28	-0.7%
Lower 48 Offshore																						
Gulf	3.54	3.83	1.88	2.31	2.49	2.59	2.64	2.66	2.72	2.81	2.93	3.04	3.10	3.09	3.09	3.10	3.09	3.14	3.16	3.19	3.26	-0.4%
Pacific	4.26	5.52	2.53	2.60	2.71	2.89	3.37	3.38	3.42	3.32	3.22	3.21	3.26	3.37	3.45	3.52	3.56	3.58	3.57	3.55	3.57	-0.9%
Atlantic	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A

1/ Marketed production (well) minus extraction losses.

NA = Not applicable.

Note: Supply regions are defined in "Documentation of the Oil and Gas Supply Module," Energy Information Administration, DOE/EIA-M003(2005) (Washington, DC, January 2005).

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

Source: 2000, Energy Information Administration (EIA), Office of Integrated Analysis and Forecasting, and Natural Gas Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001).

Projections: EIA, AEO2002 National Energy Modeling System run aeo2002_01102001b.

Table 93. Oil and Gas End-of-Year Reserves and Annual Reserve Additions (1 of 1)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020	
Lower 48 Reserves																							
Crude Oil (billion barrels) 1/																							
Lower 48 Total	18.29	17.92	16.81	16.24	15.81	15.44	15.22	14.93	14.65	14.41	14.23	14.09	14.26	14.46	14.57	14.63	14.61	14.57	14.42	14.33	14.45	-1.2%	
Lower 48 Onshore	14.03	13.49	13.02	12.53	12.11	11.74	11.44	11.18	10.97	10.80	10.67	10.58	10.52	10.50	10.50	10.52	10.55	10.55	10.54	10.54	10.55	10.55	-1.4%
Conventional	11.65	11.16	10.63	10.10	9.63	9.21	8.84	8.52	8.24	8.00	7.80	7.63	7.50	7.39	7.31	7.25	7.21	7.19	7.19	7.19	7.19	7.21	-2.4%
Enhanced Oil Recovery	2.38	2.33	2.38	2.43	2.48	2.52	2.59	2.66	2.73	2.80	2.88	2.95	3.02	3.11	3.19	3.26	3.33	3.35	3.36	3.35	3.34	3.34	1.7%
Lower 48 Offshore	4.25	4.03	3.80	3.71	3.70	3.70	3.78	3.75	3.69	3.61	3.55	3.51	3.74	3.95	4.08	4.12	4.07	4.03	3.87	3.79	3.90	-0.4%	
Dry Natural Gas (trillion cubic feet)																							
Lower 48 Total	162.3	166.9	162.4	163.6	165.1	167.2	169.4	171.0	172.2	173.2	174.1	174.9	177.0	178.4	180.3	181.5	183.0	185.2	186.4	187.5	187.8	0.7%	
Lower 48 Onshore	132.2	136.1	131.0	131.1	132.0	133.1	134.4	135.2	136.5	138.1	139.6	141.0	142.6	144.2	145.5	146.7	148.9	150.8	152.4	154.1	155.3	0.8%	
Associated-Dissolved 2/	15.0	15.4	15.0	14.5	14.3	13.7	13.2	12.8	12.5	12.2	12.0	11.8	11.7	11.6	11.5	11.5	11.5	11.5	11.5	11.5	11.5	-1.3%	
Non-Associated	117.2	120.7	116.0	116.6	117.7	119.4	121.2	122.4	124.0	125.9	127.6	129.1	130.9	132.6	134.0	135.2	137.4	139.3	141.0	142.7	143.8	1.0%	
Conventional	94.0	96.5	92.7	92.9	93.8	95.7	97.7	99.7	101.9	104.3	106.8	109.4	112.0	114.6	117.1	119.6	122.1	124.6	127.1	129.6	132.1	1.2%	
Unconventional	53.1	54.0	55.4	55.7	56.9	58.7	60.4	61.5	62.7	64.1	65.2	66.2	67.3	68.3	69.1	69.8	71.6	73.2	74.7	76.3	77.8	1.5%	
Lower 48 Offshore	30.1	30.8	31.4	32.6	33.0	34.0	35.0	35.8	35.8	35.1	34.5	33.9	34.4	34.2	34.7	34.8	34.1	34.4	34.0	33.4	32.5	0.4%	
Associated-Dissolved 2/	7.0	7.1	7.3	7.4	7.2	7.2	7.2	7.4	7.4	7.3	7.2	7.3	7.3	7.2	7.4	7.6	7.4	7.8	7.7	7.6	7.5	0.4%	
Non-Associated	23.2	23.7	24.1	25.2	25.9	26.9	27.8	28.6	28.4	27.7	27.2	26.6	27.1	26.9	27.3	27.1	26.4	26.7	26.3	25.7	25.0	0.4%	
Lower 48 Reserve Additions																							
Crude Oil (billion barrels) 1/																							
Lower 48 Total	1.80	1.01	1.08	1.17	1.26	1.30	1.44	1.36	1.37	1.38	1.41	1.45	1.74	1.81	1.80	1.76	1.69	1.67	1.54	1.58	1.77	-0.1%	
Lower 48 Onshore	1.14	0.61	0.64	0.65	0.67	0.68	0.73	0.75	0.77	0.81	0.83	0.87	0.89	0.93	0.96	0.98	1.00	0.98	0.97	0.98	0.98	-0.7%	
Conventional	1.01	0.44	0.36	0.37	0.39	0.40	0.42	0.43	0.45	0.47	0.49	0.52	0.54	0.56	0.58	0.61	0.63	0.65	0.66	0.68	0.70	-1.8%	
Enhanced Oil Recovery	0.13	0.17	0.29	0.28	0.29	0.28	0.31	0.32	0.32	0.34	0.34	0.35	0.35	0.37	0.37	0.38	0.37	0.35	0.31	0.30	0.29	4.0%	
Lower 48 Offshore	0.65	0.40	0.43	0.52	0.59	0.61	0.71	0.61	0.59	0.57	0.58	0.58	0.85	0.88	0.84	0.77	0.69	0.69	0.57	0.60	0.78	0.9%	
Dry Natural Gas (trillion cubic feet)																							
Lower 48 Total	22.5	23.5	14.5	21.0	21.5	22.3	23.0	22.8	23.0	23.3	23.8	24.5	26.3	26.1	27.1	27.0	27.8	28.9	28.4	28.5	28.2	1.1%	
Lower 48 Onshore	17.1	17.5	8.6	14.2	15.3	15.5	16.0	15.8	16.6	17.4	17.9	18.6	19.5	20.1	20.2	20.6	22.0	22.1	22.2	22.5	22.3	1.3%	
Associated-Dissolved 2/	1.2	2.2	1.4	1.2	1.5	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	0.5%	
Non-Associated	15.8	15.4	7.2	13.0	13.8	14.4	14.9	14.7	15.4	16.2	16.7	17.4	18.3	18.8	18.9	19.3	20.6	20.7	20.8	21.1	20.9	1.4%	
Conventional	9.6	9.6	0.9	7.1	6.8	6.8	7.0	7.3	7.6	8.0	8.5	8.9	9.4	9.9	10.3	10.5	10.6	10.7	10.5	10.7	10.5	0.5%	
Unconventional	6.2	5.8	6.3	5.9	6.9	7.6	7.8	7.4	7.8	8.2	8.3	8.4	8.8	8.9	8.7	8.8	10.0	10.0	10.1	10.4	10.4	2.6%	
Lower 48 Offshore	5.4	5.9	5.9	6.8	6.2	6.8	7.0	7.0	6.4	5.9	5.9	6.2	6.8	6.0	6.8	6.4	5.8	6.8	6.2	6.0	5.9	0.4%	
Associated-Dissolved 2/	1.0	1.3	1.4	1.4	0.9	1.2	1.2	1.3	1.4	1.2	1.2	1.2	1.2	1.2	1.5	1.4	1.3	1.2	1.2	1.1	1.1	0.4%	
Non-Associated	4.4	4.6	4.5	5.4	5.3	5.7	5.8	5.7	5.0	4.6	4.7	4.7	5.6	4.9	5.4	4.9	4.4	5.5	5.0	4.8	4.8	0.4%	

1/ Includes lease condensate.

2/ Gas which occurs in crude oil reservoirs either as free gas (associated) or as gas in solution with crude oil (dissolved).

Note: Totals may not equal sum of components due to independent roundings.

Source: 2000: Energy Information Administration (EIA), Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102010b.

Table 94. Natural Gas Imports and Exports (1 of 1)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Volumes (trillion cubic feet)																						
Total Net Imports	3.52	3.68	3.74	4.04	4.31	4.50	4.58	4.68	4.72	4.80	4.89	4.97	5.06	5.13	5.20	5.26	5.31	5.36	5.42	5.47	5.51	2.3%
Pipeline																						
Imports from Canada	3.53	3.59	3.61	3.83	4.03	4.16	4.27	4.40	4.48	4.51	4.59	4.68	4.78	4.86	4.92	4.98	5.03	5.07	5.11	5.13	5.14	1.9%
Exports to Canada	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.3%
Imports from Mexico	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	5.8%
Exports to Mexico	0.11	0.09	0.12	0.16	0.21	0.26	0.32	0.38	0.46	0.47	0.48	0.49	0.50	0.51	0.51	0.51	0.50	0.49	0.47	0.45	0.42	7.1%
Liquefied Natural Gas																						
Imports	0.22	0.29	0.37	0.48	0.60	0.70	0.74	0.77	0.82	0.87	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	7.1%
Exports	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.0%
Border Prices (2000 dollars per thousand cubic feet)																						
Average Import Prices	3.94	4.03	1.97	2.29	2.53	2.68	2.74	2.81	2.85	2.88	2.91	2.96	3.01	3.05	3.09	3.13	3.16	3.22	3.28	3.33	3.40	-0.7%
Pipeline Import Prices																						
From Canada	3.07	4.02	1.96	2.27	2.51	2.67	2.74	2.82	2.85	2.88	2.92	2.96	3.01	3.05	3.10	3.14	3.19	3.23	3.29	3.34	3.41	-0.8%
From Mexico	5.43	3.97	2.06	2.47	2.71	2.80	2.81	2.85	2.92	2.92	2.94	3.00	3.06	3.11	3.15	3.19	3.23	3.29	3.36	3.41	3.47	-2.2%
LNG Price (including regasification)	3.41	4.21	2.09	2.43	2.64	2.73	2.75	2.79	2.84	2.88	2.90	2.96	3.00	3.03	3.06	3.09	3.12	3.17	3.22	3.27	3.33	-0.1%

LNG = Liquefied natural gas.

N/A = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2000 may differ slightly from official EIA data reports due to internal conversion factors within the AEO2002 National Energy Modeling System.

Sources: 2000 import and export volumes and import prices: Energy Information Administration (EIA), Natural Gas Monthly, DOE/EIA-0130(2001/08) (Washington, DC, June 2001). Other 2000: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002_e102001c.

Table 94. Natural Gas Imports and Exports (1 of 1)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Volumes (trillion cubic feet)																						
Total Net Imports	3.52	3.68	3.74	4.04	4.31	4.50	4.58	4.68	4.72	4.80	4.89	4.97	5.06	5.13	5.20	5.26	5.31	5.36	5.42	5.47	5.51	2.3%
Pipeline																						
Imports from Canada	3.53	3.59	3.61	3.83	4.03	4.16	4.27	4.40	4.46	4.51	4.59	4.68	4.78	4.86	4.92	4.98	5.03	5.07	5.11	5.13	5.14	1.9%
Exports to Canada	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.3%
Imports from Mexico	0.01	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	5.8%
Exports to Mexico	0.11	0.09	0.12	0.16	0.21	0.26	0.32	0.38	0.46	0.47	0.48	0.49	0.50	0.51	0.51	0.51	0.50	0.49	0.47	0.45	0.42	7.1%
Liquefied Natural Gas																						
Imports	0.22	0.29	0.37	0.48	0.60	0.70	0.74	0.77	0.82	0.87	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	7.1%
Exports	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.0%
Border Prices (2000 dollars per thousand cubic feet)																						
Average Import Price	3.94	4.03	1.97	2.29	2.53	2.68	2.74	2.81	2.85	2.88	2.91	2.96	3.01	3.05	3.09	3.13	3.18	3.22	3.26	3.33	3.40	-0.7%
Pipeline Import Prices																						
From Canada	3.97	4.02	1.96	2.27	2.51	2.67	2.74	2.82	2.85	2.88	2.92	2.96	3.01	3.05	3.10	3.14	3.19	3.23	3.29	3.34	3.41	-0.8%
From Mexico	5.43	3.97	2.06	2.47	2.71	2.80	2.81	2.85	2.92	2.94	3.00	3.06	3.11	3.15	3.19	3.23	3.29	3.36	3.41	3.47	3.47	-2.2%
LNG Price (including regasification)	3.41	4.21	2.09	2.43	2.64	2.73	2.75	2.79	2.84	2.86	2.90	2.96	3.00	3.03	3.06	3.09	3.12	3.17	3.22	3.27	3.33	-0.1%

LNG = Liquefied natural gas.

NA = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2000 may differ slightly from official EIA data reports due to internal conversion factors within the AEO2002 National Energy Modeling System.

Sources: 2000 import and export volumes and import prices: Energy Information Administration (EIA), Natural Gas Monthly, DOE/EIA-0130(2001/06) (Washington, DC, June 2001).

Other 2000: EIA, Office of Integrated Analysis and Forecasting. Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 95. Natural Gas Consumption by End-Use Sector and Census Division (1 of 2)
(Trillion Cubic Feet per Year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Residential																							
New England	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.68	
Middle Atlantic	0.85	0.86	0.88	0.89	0.90	0.89	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	2.73	
East North Central	1.47	1.47	1.54	1.57	1.58	1.57	1.57	1.58	1.59	1.59	1.59	1.60	1.61	1.61	1.62	1.62	1.63	1.64	1.65	1.66	1.67	0.74	
West North Central	0.46	0.47	0.48	0.49	0.50	0.49	0.50	0.50	0.50	0.50	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.53	0.53	0.53	0.54	0.64	
South Atlantic	0.46	0.45	0.47	0.48	0.49	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	1.68	
East South Central	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	0.28	1.34	
West South Central	0.40	0.42	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.47	0.48	0.48	0.49	0.49	0.50	0.50	0.51	0.51	1.24	
Mountain	0.32	0.33	0.35	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.44	0.44	0.45	0.46	1.83	
Pacific	0.64	0.65	0.67	0.69	0.69	0.70	0.71	0.71	0.72	0.72	0.73	0.74	0.75	0.75	0.76	0.77	0.78	0.78	0.79	0.80	0.81	1.24	
Total	5.00	5.05	5.22	5.33	5.39	5.37	5.40	5.43	5.48	5.49	5.53	5.57	5.63	5.65	5.69	5.73	5.78	5.81	5.86	5.81	5.98	0.95	
Commercial																							
New England	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.16	1.64	
Middle Atlantic	0.52	0.52	0.55	0.57	0.58	0.58	0.59	0.59	0.60	0.60	0.61	0.62	0.63	0.64	0.65	0.65	0.66	0.66	0.67	0.68	0.68	1.43	
East North Central	0.78	0.78	0.79	0.81	0.83	0.83	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.86	0.86	0.86	0.86	0.87	0.87	0.88	0.88	0.88	
West North Central	0.34	0.35	0.35	0.37	0.37	0.37	0.38	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41	0.41	0.42	0.42	1.14	
South Atlantic	0.38	0.38	0.39	0.41	0.42	0.43	0.44	0.45	0.46	0.46	0.49	0.50	0.51	0.53	0.54	0.55	0.57	0.58	0.60	0.61	0.63	2.64	
East South Central	0.20	0.20	0.21	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.26	0.27	0.27	1.54	
West South Central	0.31	0.32	0.33	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.39	0.40	0.40	0.40	0.41	0.41	0.41	1.44	
Mountain	0.25	0.25	0.27	0.28	0.29	0.29	0.30	0.30	0.31	0.32	0.33	0.34	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	2.74	
Pacific	0.41	0.41	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.57	0.58	0.59	0.61	0.62	0.64	2.23	
Total	3.27	3.31	3.43	3.56	3.64	3.67	3.72	3.77	3.82	3.87	3.93	3.99	4.04	4.09	4.15	4.21	4.27	4.33	4.39	4.45	4.52	1.64	
Industrial 1/																							
New England	0.24	0.21	0.24	0.24	0.25	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.29	0.29	0.94	
Middle Atlantic	0.69	0.63	0.70	0.74	0.75	0.76	0.76	0.74	0.74	0.74	0.74	0.75	0.75	0.76	0.77	0.77	0.78	0.79	0.79	0.79	0.80	0.74	
East North Central	1.36	1.22	1.37	1.47	1.48	1.50	1.53	1.55	1.56	1.58	1.60	1.62	1.63	1.64	1.65	1.66	1.68	1.69	1.70	1.70	1.70	1.13	
West North Central	0.42	0.37	0.42	0.45	0.46	0.46	0.47	0.48	0.48	0.48	0.49	0.50	0.50	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	1.24	
South Atlantic	0.71	0.64	0.72	0.74	0.74	0.75	0.76	0.77	0.78	0.78	0.79	0.81	0.81	0.82	0.83	0.83	0.84	0.85	0.85	0.86	0.86	1.04	
East South Central	0.55	0.50	0.55	0.57	0.57	0.58	0.59	0.59	0.60	0.60	0.61	0.62	0.62	0.63	0.63	0.64	0.65	0.65	0.65	0.65	0.65	0.94	
West South Central	3.11	2.85	3.14	3.19	3.20	3.23	3.29	3.32	3.34	3.37	3.39	3.44	3.47	3.50	3.51	3.55	3.58	3.59	3.59	3.57	3.58	0.74	
Mountain	0.23	0.21	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.94	
Pacific	1.11	1.03	1.12	1.08	1.10	1.12	1.15	1.18	1.20	1.23	1.25	1.26	1.28	1.28	1.28	1.27	1.29	1.32	1.36	1.38	1.38	1.13	
Total	8.41	7.67	8.49	8.72	8.79	8.89	9.04	9.14	9.20	9.31	9.39	9.51	9.61	9.65	9.69	9.79	9.88	9.96	10.02	10.02	10.06	0.94	

Table 95. Natural Gas Consumption by End-Use Sector and Census Division (2 of 2)
(Trillion Cubic Feet per Year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Electric Generators 2/																							
New England	0.19	0.21	0.31	0.28	0.28	0.29	0.29	0.31	0.33	0.34	0.35	0.37	0.38	0.41	0.43	0.43	0.44	0.45	0.46	0.46	0.46	4.6%	
Middle Atlantic	0.17	0.16	0.25	0.31	0.33	0.36	0.38	0.43	0.45	0.48	0.53	0.59	0.62	0.68	0.70	0.75	0.78	0.79	0.82	0.83	0.85	8.5%	
East North Central	0.30	0.22	0.42	0.42	0.44	0.46	0.51	0.54	0.60	0.63	0.70	0.79	0.86	0.92	0.98	1.05	1.11	1.20	1.29	1.38	1.46	8.2%	
West North Central	0.12	0.12	0.14	0.14	0.14	0.13	0.13	0.11	0.12	0.12	0.13	0.15	0.16	0.17	0.19	0.21	0.23	0.25	0.27	0.28	0.29	4.3%	
South Atlantic	0.55	0.47	0.67	0.69	0.73	0.76	0.75	0.73	0.77	0.79	0.84	0.90	0.94	0.98	1.02	1.06	1.10	1.13	1.16	1.19	1.21	4.0%	
East South Central	0.20	0.18	0.24	0.25	0.29	0.32	0.38	0.52	0.63	0.76	0.85	0.94	1.04	1.13	1.25	1.36	1.44	1.50	1.58	1.64	1.68	11.4%	
West South Central	1.58	1.53	1.71	1.83	1.82	1.82	1.81	1.76	1.78	1.79	1.87	1.96	2.02	2.08	2.13	2.18	2.22	2.25	2.29	2.31	2.35	2.0%	
Mountain	0.24	0.31	0.25	0.27	0.29	0.28	0.27	0.25	0.19	0.17	0.16	0.18	0.17	0.16	0.17	0.16	0.15	0.15	0.15	0.14	0.14	-2.7%	
Pacific	0.89	1.07	0.84	0.93	1.01	1.08	1.17	1.23	1.32	1.36	1.41	1.49	1.56	1.64	1.69	1.72	1.74	1.78	1.81	1.82	1.86	3.8%	
Total	4.24	4.27	4.82	5.12	5.33	5.48	5.89	5.89	6.19	6.44	6.85	7.37	7.78	8.16	8.55	8.91	9.19	9.50	9.83	10.06	10.30	4.5%	
Transportation 3/																							
New England	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.8%	
Middle Atlantic	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	8.6%	
East North Central	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.3%	
West North Central	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.3%	
South Atlantic	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	9.5%	
East South Central	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.8%	
West South Central	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	10.3%	
Mountain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	12.8%	
Pacific	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	9.5%	
Total	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.08	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.13	0.14	0.14	9.8%	
All Sectors 4/																							
New England	0.72	0.72	0.85	0.84	0.84	0.85	0.86	0.89	0.91	0.92	0.94	0.97	0.99	1.02	1.04	1.05	1.07	1.08	1.10	1.11	1.11	2.2%	
Middle Atlantic	2.23	2.16	2.38	2.51	2.56	2.60	2.62	2.65	2.67	2.72	2.77	2.84	2.89	2.94	2.99	3.06	3.08	3.13	3.16	3.19	3.22	1.6%	
East North Central	3.90	3.69	4.13	4.26	4.35	4.38	4.46	4.52	4.60	4.65	4.75	4.87	4.98	5.03	5.12	5.21	5.30	5.41	5.53	5.63	5.73	2.0%	
West North Central	1.33	1.31	1.39	1.45	1.47	1.47	1.48	1.47	1.49	1.51	1.53	1.56	1.58	1.60	1.63	1.66	1.68	1.72	1.74	1.76	1.78	1.4%	
South Atlantic	2.10	1.95	2.25	2.33	2.39	2.44	2.46	2.48	2.54	2.58	2.67	2.76	2.83	2.90	2.97	3.05	3.11	3.17	3.24	3.30	3.34	2.4%	
East South Central	1.16	1.10	1.22	1.26	1.32	1.35	1.43	1.58	1.70	1.84	1.95	2.05	2.32	2.16	2.26	2.39	2.51	2.60	2.67	2.76	2.82	4.6%	
West South Central	5.39	5.12	5.60	5.79	5.81	5.84	5.90	5.89	5.94	5.99	6.10	6.24	6.38	6.45	6.51	6.61	6.69	6.74	6.78	6.80	6.85	1.2%	
Mountain	1.04	1.10	1.10	1.15	1.18	1.18	1.19	1.19	1.14	1.14	1.15	1.19	1.20	1.21	1.23	1.24	1.25	1.27	1.29	1.30	1.31	1.1%	
Pacific	3.05	3.17	3.05	3.14	3.27	3.34	3.50	3.60	3.74	3.82	3.90	4.01	4.13	4.20	4.27	4.33	4.40	4.48	4.58	4.63	4.71	2.2%	
Total	20.92	20.31	21.98	22.76	23.18	23.45	23.89	24.27	24.73	25.17	25.76	26.49	27.10	27.61	28.15	28.70	29.19	29.67	30.17	30.53	30.93	2.0%	

1/ Excludes lease and plant fuel, and includes consumption by cogenerators.
 2/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.
 3/ Compressed natural gas used as a vehicle fuel.
 4/ Excludes lease and plant fuel and natural gas used for pipeline compressor station fuel.
 NA = Not applicable.
 Note: Totals may not equal sum of components due to independent rounding. Data for 2000 may differ slightly from official EIA data reports due to internal conversion factors in the AEO2002 National Energy Modeling System.
 Source: 2000 values: Energy Information Administration (EIA), Short-Term Energy Outlook, October 2001, <http://www.eia.doe.gov/pub/forecasting/bsc00docs/bsc01.pdf>.
 Projections: EIA, AEO2002 National Energy Modeling System run aeo2002.j102001b.

Table 96. Natural Gas Delivered Prices by End-Use Sector and Census Division (1 of 2)
(2000 Dollars per Thousand Cubic Feet)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Residential																						
New England	10.19	11.61	8.97	9.18	9.33	9.39	9.35	9.33	9.32	9.28	9.26	9.26	9.23	9.22	9.22	9.22	9.23	9.26	9.28	9.30	9.32	-0.4%
Middle Atlantic	9.05	10.45	7.81	8.05	8.21	8.26	8.23	8.21	8.22	8.19	8.18	8.21	8.23	8.28	8.28	8.32	8.34	8.38	8.42	8.44	8.48	-0.3%
East North Central	6.85	8.04	5.58	5.88	6.04	6.08	6.03	5.99	6.00	5.98	5.98	6.03	6.07	6.09	6.11	6.14	6.16	6.19	6.22	6.24	6.27	-0.4%
West North Central	7.40	8.38	6.00	6.33	6.50	6.55	6.51	6.48	6.48	6.45	6.43	6.47	6.51	6.54	6.54	6.57	6.59	6.62	6.64	6.67	6.72	-0.5%
South Atlantic	9.55	10.26	7.77	8.06	8.21	8.21	8.15	8.09	8.09	8.06	8.03	8.05	8.06	8.05	8.04	8.05	8.05	8.09	8.11	8.12	8.16	-0.8%
East South Central	7.89	9.06	6.70	7.03	7.22	7.24	7.19	7.15	7.16	7.14	7.13	7.18	7.20	7.20	7.19	7.20	7.21	7.25	7.29	7.31	7.35	-0.4%
West South Central	7.43	8.44	6.13	6.44	6.63	6.67	6.63	6.59	6.60	6.59	6.59	6.64	6.68	6.68	6.68	6.69	6.70	6.75	6.78	6.81	6.86	-0.4%
Mountain	6.48	8.29	5.70	6.00	6.21	6.25	6.24	6.14	6.17	6.14	6.10	6.10	6.16	6.24	6.25	6.30	6.33	6.33	6.36	6.41	6.48	0.0%
Pacific	7.94	9.28	6.63	6.90	7.09	7.14	7.16	7.08	7.07	7.02	6.94	6.93	6.96	7.02	7.01	7.04	7.03	7.02	7.03	7.03	7.05	-0.6%
Average	7.85	9.06	6.55	6.83	7.00	7.04	7.01	6.96	6.97	6.94	6.92	6.95	6.98	7.00	7.01	7.04	7.05	7.08	7.10	7.12	7.16	-0.5%
Commercial																						
New England	7.86	9.42	6.73	6.97	7.12	7.18	7.15	7.15	7.15	7.11	7.08	7.10	7.09	7.09	7.10	7.12	7.14	7.17	7.20	7.23	7.27	-0.4%
Middle Atlantic	5.53	7.19	4.53	4.80	4.97	5.03	5.02	5.02	5.03	5.01	5.00	5.05	5.08	5.12	5.16	5.21	5.24	5.28	5.32	5.36	5.42	-0.1%
East North Central	6.34	7.61	5.09	5.40	5.55	5.57	5.54	5.50	5.52	5.49	5.49	5.54	5.59	5.61	5.63	5.67	5.69	5.73	5.75	5.78	5.82	-0.4%
West North Central	6.39	7.43	4.99	5.33	5.51	5.55	5.52	5.48	5.49	5.47	5.45	5.50	5.55	5.58	5.59	5.62	5.65	5.68	5.71	5.75	5.80	-0.5%
South Atlantic	7.40	8.57	6.06	6.39	6.55	6.56	6.51	6.47	6.49	6.47	6.45	6.50	6.54	6.55	6.56	6.58	6.60	6.64	6.68	6.71	6.76	-0.4%
East South Central	6.84	8.13	5.72	6.06	6.24	6.27	6.23	6.20	6.21	6.20	6.20	6.25	6.30	6.30	6.31	6.33	6.35	6.40	6.44	6.47	6.53	-0.2%
West South Central	5.95	7.02	4.85	4.97	5.16	5.20	5.17	5.14	5.16	5.15	5.16	5.22	5.28	5.29	5.30	5.33	5.35	5.40	5.45	5.49	5.55	-0.4%
Mountain	5.45	7.36	4.71	5.03	5.25	5.29	5.30	5.21	5.25	5.22	5.17	5.19	5.28	5.35	5.36	5.42	5.45	5.46	5.50	5.56	5.64	0.2%
Pacific	6.99	8.46	5.87	6.14	6.32	6.37	6.40	6.33	6.33	6.28	6.21	6.21	6.25	6.31	6.31	6.34	6.34	6.33	6.34	6.35	6.38	-0.5%
Average	6.40	7.76	5.22	5.58	5.70	5.74	5.72	5.68	5.70	5.68	5.68	5.70	5.75	5.78	5.80	5.84	5.86	5.90	5.93	5.97	6.02	-0.3%
Industrial 1/																						
New England	5.45	5.86	3.81	3.92	4.12	4.25	4.28	4.34	4.38	4.40	4.43	4.45	4.48	4.47	4.50	4.53	4.56	4.60	4.64	4.68	4.73	-0.7%
Middle Atlantic	5.74	5.86	3.42	3.74	3.94	4.05	4.09	4.15	4.21	4.24	4.28	4.33	4.37	4.41	4.46	4.51	4.55	4.59	4.64	4.68	4.74	-1.0%
East North Central	4.72	5.08	2.99	3.34	3.53	3.61	3.62	3.64	3.70	3.72	3.76	3.83	3.88	3.91	3.95	3.99	4.02	4.05	4.09	4.12	4.17	-0.6%
West North Central	4.47	4.87	2.84	3.21	3.42	3.51	3.53	3.54	3.60	3.61	3.65	3.70	3.75	3.79	3.82	3.86	3.89	3.92	3.96	4.01	4.06	-0.5%
South Atlantic	4.73	4.99	2.93	3.32	3.52	3.69	3.60	3.63	3.70	3.73	3.78	3.85	3.90	3.93	3.96	4.00	4.03	4.08	4.13	4.18	4.24	-0.5%
East South Central	3.96	4.46	2.49	2.88	3.10	3.18	3.20	3.23	3.30	3.34	3.39	3.46	3.52	3.55	3.58	3.61	3.63	3.69	3.74	3.80	3.86	-0.1%
West South Central	4.04	4.25	2.31	2.69	2.91	3.00	3.02	3.05	3.12	3.16	3.22	3.29	3.36	3.39	3.41	3.44	3.47	3.53	3.58	3.64	3.70	-0.4%
Mountain	4.16	4.88	2.74	3.12	3.37	3.48	3.53	3.49	3.59	3.62	3.63	3.66	3.74	3.84	3.87	3.95	3.99	4.02	4.07	4.15	4.24	0.1%
Pacific	4.24	4.88	2.77	3.12	3.36	3.47	3.56	3.55	3.61	3.61	3.59	3.61	3.67	3.75	3.77	3.82	3.83	3.84	3.85	3.87	3.92	-0.4%
Average	4.43	4.75	2.71	3.08	3.30	3.39	3.42	3.44	3.50	3.53	3.57	3.63	3.68	3.73	3.75	3.79	3.82	3.86	3.91	3.96	4.01	-0.5%

Table 96. Natural Gas Delivered Prices by End-Use Sector and Census Division (2 of 2)
(2000 Dollars per Thousand Cubic Feet)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Electric Generators 2/																						
New England	4.69	4.90	3.08	3.40	3.64	3.75	3.75	3.80	3.83	3.83	3.84	3.88	3.88	3.91	3.94	3.97	4.01	4.04	4.09	4.13	4.18	-0.6%
Middle Atlantic	4.70	4.83	2.80	3.08	3.30	3.40	3.54	3.62	3.71	3.74	3.76	3.83	3.89	3.93	3.99	4.06	4.10	4.15	4.20	4.25	4.31	-0.2%
East North Central	3.72	3.85	2.07	2.41	2.65	2.74	2.77	2.82	2.90	2.94	2.98	3.10	3.18	3.22	3.28	3.35	3.40	3.44	3.48	3.53	3.58	-0.2%
West North Central	4.38	4.25	2.51	2.87	3.04	3.10	3.13	3.16	3.23	3.27	3.31	3.40	3.47	3.52	3.60	3.69	3.77	3.83	3.90	3.96	4.03	-0.4%
South Atlantic	4.60	4.44	2.81	3.19	3.38	3.43	3.42	3.43	3.50	3.54	3.59	3.70	3.78	3.83	3.88	3.93	3.97	4.02	4.07	4.12	4.17	-0.5%
East South Central	4.35	4.19	2.53	2.87	3.15	3.22	3.31	3.45	3.55	3.62	3.67	3.75	3.82	3.85	3.88	3.92	3.94	4.00	4.05	4.10	4.16	-0.2%
West South Central	4.29	4.09	2.46	2.80	2.99	3.05	3.05	3.10	3.12	3.16	3.24	3.31	3.35	3.38	3.41	3.44	3.50	3.56	3.61	3.67	3.67	-0.8%
Mountain	4.67	4.88	3.00	3.36	3.65	3.74	3.81	3.77	3.84	3.78	3.71	3.73	3.79	3.90	3.92	3.98	3.98	4.00	4.03	4.05	4.11	-0.6%
Pacific	4.95	5.02	2.90	3.19	3.25	3.42	3.49	3.50	3.53	3.55	3.59	3.65	3.72	3.78	3.81	3.84	3.86	3.88	3.91	3.94	3.95	-1.1%
Average	4.49	4.47	2.64	2.98	3.18	3.25	3.29	3.32	3.38	3.41	3.44	3.53	3.59	3.64	3.68	3.72	3.76	3.80	3.85	3.89	3.94	-0.6%
Transportation 3/																						
New England	9.68	9.96	7.61	7.83	7.98	8.08	8.11	8.18	8.23	8.25	8.28	8.31	8.30	8.31	8.33	8.35	8.36	8.38	8.40	8.41	8.43	-0.7%
Middle Atlantic	10.89	10.59	8.36	8.58	8.73	8.80	8.82	8.87	8.92	8.95	8.97	9.01	9.04	9.07	9.09	9.13	9.14	9.16	9.17	9.18	9.18	-0.8%
East North Central	7.97	8.11	6.91	6.18	6.34	6.40	6.44	6.49	6.57	6.62	6.69	6.77	6.83	6.88	6.91	6.96	6.99	7.02	7.04	7.06	7.09	-0.6%
West North Central	7.76	7.96	5.84	6.15	6.32	6.40	6.43	6.47	6.54	6.58	6.63	6.69	6.76	6.80	6.83	6.87	6.91	6.93	6.96	6.99	7.03	-0.5%
South Atlantic	8.38	8.52	6.44	6.77	6.93	6.98	7.00	7.04	7.12	7.18	7.23	7.32	7.37	7.40	7.43	7.47	7.49	7.53	7.57	7.59	7.63	-0.5%
East South Central	8.39	8.87	6.85	7.20	7.39	7.46	7.48	7.51	7.57	7.61	7.66	7.73	7.78	7.81	7.83	7.85	7.87	7.92	7.96	7.99	8.04	-0.2%
West South Central	6.10	6.12	4.06	4.35	4.54	4.64	4.71	4.80	4.92	5.01	5.11	5.22	5.32	5.38	5.43	5.48	5.53	5.60	5.65	5.70	5.76	-0.3%
Mountain	7.62	8.34	6.00	6.33	6.58	6.68	6.79	6.79	6.91	6.93	6.93	6.97	7.06	7.18	7.22	7.30	7.34	7.37	7.41	7.46	7.54	-0.1%
Pacific	7.53	8.27	5.84	6.15	6.39	6.51	6.64	6.67	6.77	6.79	6.80	6.83	6.86	7.02	7.05	7.12	7.15	7.18	7.18	7.20	7.25	-0.2%
Average	8.28	8.48	6.28	6.57	6.75	6.83	6.88	6.92	7.00	7.04	7.08	7.14	7.20	7.26	7.29	7.33	7.38	7.39	7.42	7.44	7.48	-0.5%
All Sectors 4/																						
New England	6.83	7.61	5.03	5.36	5.59	5.67	5.67	5.65	5.63	5.60	5.58	5.58	5.56	5.53	5.54	5.57	5.58	5.61	5.64	5.67	5.73	-0.9%
Middle Atlantic	6.89	7.85	5.24	5.44	5.60	5.64	5.63	5.63	5.65	5.62	5.60	5.60	5.62	5.63	5.65	5.67	5.69	5.72	5.75	5.78	5.83	-0.8%
East North Central	5.76	6.71	4.27	4.57	4.74	4.78	4.74	4.71	4.73	4.72	4.71	4.74	4.77	4.78	4.80	4.82	4.84	4.85	4.86	4.87	4.90	-0.8%
West North Central	5.95	6.75	4.45	4.77	4.96	5.02	5.01	5.02	5.03	5.03	5.01	5.05	5.08	5.10	5.11	5.13	5.16	5.17	5.20	5.24	5.29	-0.8%
South Atlantic	6.24	6.80	4.46	4.82	4.99	5.02	5.02	5.03	5.07	5.09	5.09	5.14	5.18	5.20	5.22	5.25	5.27	5.32	5.36	5.40	5.46	-0.7%
East South Central	5.26	6.01	3.82	4.18	4.37	4.41	4.37	4.33	4.35	4.34	4.35	4.40	4.43	4.44	4.44	4.45	4.46	4.51	4.55	4.60	4.65	-0.6%
West South Central	4.48	4.73	2.79	3.15	3.36	3.44	3.44	3.46	3.51	3.54	3.58	3.65	3.72	3.74	3.77	3.79	3.82	3.88	3.93	3.98	4.05	-0.5%
Mountain	5.31	6.48	4.22	4.55	4.78	4.86	4.90	4.85	4.97	4.97	4.95	4.95	5.04	5.14	5.16	5.23	5.27	5.29	5.34	5.41	5.50	0.2%
Pacific	5.61	6.32	4.10	4.41	4.58	4.64	4.65	4.62	4.62	4.60	4.58	4.60	4.64	4.70	4.71	4.75	4.76	4.78	4.80	4.84	4.84	-0.7%
Average	5.98	6.28	4.01	4.33	4.52	4.57	4.57	4.56	4.59	4.59	4.59	4.63	4.67	4.70	4.71	4.74	4.76	4.79	4.83	4.86	4.92	-0.6%

1/ Excludes lease and plant fuel and includes consumption by cogenerators.

2/ Includes all electric power generators except cogenerators, which produce electricity and other useful thermal energy.

3/ Compressed natural gas used as a vehicle fuel, including federal and state fuel taxes. Excludes dispensing charges for fleet vehicles.

4/ Weighted average price. Weights used are the sector consumption values.

NA = Not applicable.

Note: Totals may not equal sum of components due to independent rounding. Data for 2000 may differ slightly from official EIA data reports due to internal conversion factors in the AEO2002 National Energy Modeling System.

Sources: 2000 residential and commercial sector values: Energy Information Administration (EIA), Natural Gas Monthly, ODEIA-01362001-06 (Washington, DC, June 2001).

2000 industrial natural gas delivered prices are based on EIA, Manufacturing Energy Consumption Survey 1994. Other 2000 values and projections: EIA, AEO2002 National Energy Modeling System run aeo2002_d100001b.

Table 97. Natural Gas Pipeline Capacity By Census Division (1 of 1)
(Design Capacity in Billions of Cubic Feet per Year)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Capacity Entering Region 1^{1/}																						
New England	1205	1263	1409	1463	1463	1468	1483	1498	1513	1528	1543	1579	1659	1739	1819	1899	1969	2019	2069	2119	2169	3.0%
Mid Atlantic	4529	4614	4942	4949	4949	4949	4949	4949	4949	4949	4949	4962	4975	4975	4982	4982	4982	4982	4982	4982	4982	0.5%
East North Central	8481	8860	8860	8860	8860	8860	8860	8860	8860	8860	8860	8860	8917	9045	9159	9200	9412	9508	9568	9611	9661	0.6%
West North Central	6204	6298	6488	6488	6488	6488	6488	6488	6500	6619	6716	6800	6861	6935	6999	7066	7155	7251	7335	7415	7415	0.9%
South Atlantic	5605	5678	5845	6088	6088	6088	6088	6096	6148	6182	6247	6293	6340	6391	6444	6496	6535	6571	6614	6644	6665	0.9%
East South Central	9134	9134	9162	9218	9218	9218	9218	9218	9218	9218	9218	9218	9218	9277	9434	9575	9720	9825	9949	10038	10118	0.5%
West South Central	1812	1833	1876	1901	1901	1903	1907	1913	1914	1917	1922	1928	1928	1928	1931	1932	1936	1941	1944	1946	1948	0.4%
Mountain	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	2482	N/A
Pacific	3864	3893	3992	3992	4001	4001	4065	4143	4239	4366	4478	4562	4641	4717	4786	4860	4943	5046	5156	5263	5347	1.6%
Total	43317	44057	44957	45442	45451	45478	45541	45648	45813	46024	46319	46600	46904	47288	47859	48385	48932	49434	49955	50377	50738	0.8%
United States (Pipeline Imports)																						
	4899	5102	5641	5695	5695	5700	5715	5778	5804	5841	5885	5955	6076	6169	6281	6384	6479	6566	6645	6730	6783	1.6%
Capacity Exiting Region 2^{2/}																						
New England	104	104	131	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	2.9%
Mid Atlantic	2025	2080	2157	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	2210	0.4%
East North Central	3166	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	3342	0.3%
West North Central	4835	5214	5214	5214	5214	5214	5214	5214	5214	5214	5214	5214	5214	5271	5398	5513	5653	5766	5862	5921	5965	1.1%
South Atlantic	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	3353	N/A
East South Central	7450	7523	7690	7933	7933	7933	7940	7993	8027	8092	8138	8185	8236	8288	8340	8390	8416	8458	8498	8510	8510	0.7%
West South Central	14263	14263	14323	14445	14445	14445	14445	14445	14445	14445	14445	14445	14445	14503	14661	14802	14946	15092	15176	15284	15345	0.4%
Mountain	4597	4663	4737	4762	4771	4793	4841	4877	4963	5103	5289	5454	5591	5837	5952	6081	6241	6421	6578	6742	6742	1.3%
Pacific	290	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	376	1.3%
Total	40083	40897	41323	41820	41829	41851	41899	41943	42081	42256	42506	42717	42901	43191	43651	44073	44526	44941	45382	45719	46027	0.7%
United States (Pipeline Exports)																						
	1665	1942	2006	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	2072	1.1%

^{1/} Includes only the sum of capacity levels for the States bounding the respective regions including pipeline import capacity.

^{2/} Includes only the sum of capacity levels for the States bounding the respective regions including pipeline export capacity.

NA = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

**Table 98. Natural Gas Pipeline Capacity Utilization 1/ by Census Division (1 of 1)
(Fraction)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Utilization Entering Region																						
New England	0.52	0.58	0.54	0.54	0.55	0.56	0.56	0.58	0.60	0.61	0.62	0.62	0.60	0.59	0.58	0.56	0.55	0.54	0.54	0.53	0.52	0.0%
Mid Atlantic	0.68	0.61	0.60	0.62	0.63	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.69	0.70	0.70	0.71	0.71	0.72	0.72	0.72	0.73	0.5%
East North Central	0.59	0.59	0.62	0.64	0.64	0.64	0.65	0.65	0.66	0.67	0.68	0.69	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71	0.71	0.9%
West North Central	0.63	0.60	0.59	0.61	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.0%
South Atlantic	0.66	0.64	0.61	0.58	0.57	0.57	0.56	0.57	0.57	0.58	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.61	0.62	0.62	-0.3%
East South Central	0.62	0.65	0.67	0.68	0.69	0.69	0.71	0.73	0.76	0.78	0.81	0.83	0.84	0.85	0.86	0.87	0.87	0.88	0.88	0.88	0.88	1.8%
West South Central	0.22	0.21	0.19	0.19	0.17	0.17	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.19	-0.7%
Mountain	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.5%
Pacific	0.68	0.76	0.66	0.69	0.72	0.74	0.76	0.79	0.81	0.81	0.81	0.82	0.82	0.83	0.83	0.83	0.83	0.83	0.82	0.82	0.81	0.9%
Average 2/	0.58	0.58	0.58	0.58	0.59	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.66	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.7%
United States (Pipeline Import)	0.83	0.82	0.75	0.79	0.83	0.85	0.87	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86	0.2%
Utilization Exiting Region																						
New England	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	N/A
Mid Atlantic	0.29	0.31	0.30	0.29	0.29	0.29	0.29	0.30	0.31	0.31	0.32	0.32	0.31	0.30	0.29	0.28	0.28	0.27	0.26	0.26	0.25	-0.8%
East North Central	0.55	0.50	0.49	0.48	0.47	0.46	0.45	0.45	0.44	0.44	0.44	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	-1.2%
West North Central	0.58	0.56	0.58	0.60	0.60	0.59	0.60	0.60	0.61	0.61	0.63	0.64	0.66	0.66	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.6%
South Atlantic	0.60	0.54	0.53	0.53	0.53	0.53	0.54	0.55	0.56	0.57	0.57	0.57	0.57	0.58	0.58	0.59	0.59	0.60	0.60	0.60	0.60	0.0%
East South Central	0.67	0.68	0.69	0.68	0.69	0.69	0.69	0.70	0.71	0.72	0.73	0.74	0.74	0.74	0.75	0.76	0.76	0.77	0.77	0.77	0.77	0.7%
West South Central	0.50	0.52	0.53	0.54	0.55	0.55	0.57	0.59	0.60	0.62	0.64	0.65	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.68	0.68	1.5%
Mountain	0.51	0.54	0.49	0.51	0.51	0.51	0.53	0.54	0.56	0.57	0.58	0.59	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.63	1.1%
Pacific	0.09	0.03	0.04	0.05	0.07	0.08	0.10	0.13	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.14	2.3%
Average 2/	0.54	0.54	0.54	0.55	0.55	0.55	0.56	0.57	0.58	0.59	0.60	0.62	0.62	0.63	0.63	0.63	0.63	0.64	0.64	0.64	0.64	0.8%
United States (Pipeline Export)	0.41	0.38	0.41	0.44	0.46	0.48	0.51	0.54	0.58	0.58	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.59	0.59	0.57	0.56	1.5%

1/ Capacity utilization is defined as the annual throughput volume divided by the design capacity (Table 97).

2/ Weighted average utilization. Weights used are the regional pipeline capacity levels provided in Table 97.

NA = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002_d102001b.

Table 99. Domestic Coal Supply, Disposition, and Prices (1 of 1)
(Quantities in Million Short Tons; Prices in 2000 Dollars per Short Ton)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Sources of Supply																						
Distribution from																						
Appalachia 1/	383.6	393.5	385.6	380.7	379.4	378.3	392.7	392.2	388.3	388.4	384.5	380.4	380.2	380.5	377.6	374.8	376.5	374.8	366.9	365.2	362.9	-0.3%
Interior	166.4	150.5	143.4	143.8	140.3	157.1	165.1	164.4	164.0	156.4	158.3	144.3	143.5	143.7	145.9	146.1	141.8	142.5	144.3	141.7	143.1	-0.7%
Northern Great Plains	422.9	461.1	447.3	471.2	489.7	500.1	504.0	533.0	545.8	560.1	573.7	594.2	604.2	614.4	621.9	634.9	650.5	667.5	665.0	705.8	721.6	2.7%
Other West and Non-Contiguous	100.3	107.4	107.8	110.0	117.9	119.8	116.7	118.4	115.6	115.1	113.8	116.0	115.8	114.5	114.9	116.0	115.8	115.2	115.1	114.1	114.8	0.7%
Total Distribution																						
(excludes exports)	1073.2	1112.6	1084.1	1105.8	1127.3	1155.3	1178.5	1206.1	1214.6	1222.1	1230.3	1234.9	1243.7	1253.1	1260.4	1271.8	1284.6	1299.9	1311.3	1326.9	1342.4	1.1%
Imports	12.5	16.7	17.7	17.8	17.9	18.0	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.1	19.2	19.3	19.4	19.5	19.6	19.7	2.3%
Total Supply	1085.7	1129.3	1101.8	1123.6	1145.3	1173.4	1196.7	1224.4	1232.9	1240.6	1248.9	1253.6	1262.5	1272.1	1279.4	1291.0	1303.9	1319.3	1330.8	1346.5	1362.2	1.1%
Consumption																						
Residential/Commercial	4.9	4.6	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.7	5.7	0.8%
Industrial	82.2	78.3	76.0	77.8	78.8	79.6	79.9	80.3	80.3	80.6	80.8	81.6	82.1	82.5	82.5	83.0	83.7	84.3	85.0	85.6	86.1	0.2%
Coke Plants	29.3	26.4	26.7	26.4	26.1	25.8	25.5	25.2	25.0	24.5	24.1	23.6	23.2	22.8	22.3	21.9	21.5	21.1	20.8	20.4	20.0	-1.9%
Electric Generators	964.6	978.3	984.3	1016.9	1037.4	1065.4	1088.2	1115.8	1124.8	1132.7	1141.0	1145.2	1154.3	1164.1	1171.9	1183.3	1196.0	1211.3	1222.6	1238.1	1253.6	1.3%
Total Consumption	1081.0	1087.7	1091.8	1126.0	1147.3	1175.9	1198.8	1226.6	1235.1	1243.2	1251.3	1255.9	1265.1	1274.9	1282.4	1293.8	1306.8	1322.4	1334.0	1349.7	1365.5	1.2%
Discrepancy 2/	4.7	41.6	10.0	-2.4	-2.1	-2.5	-2.1	-2.2	-2.2	-2.7	-2.4	-2.3	-2.5	-2.9	-2.9	-2.9	-2.9	-3.1	-3.2	-3.2	-3.3	N/A
Delivered Prices																						
Industrial	31.86	30.52	30.02	29.62	29.45	29.19	29.02	28.80	28.58	28.27	28.11	28.02	27.89	27.58	27.43	27.21	27.06	26.92	26.57	26.34	26.14	-1.0%
Coke Plants	44.41	44.20	43.93	43.45	43.18	42.93	42.68	42.45	42.07	41.96	41.86	41.60	41.45	41.26	40.83	40.71	40.56	40.15	40.00	39.61	39.22	-0.6%
Electric Generators	24.36	24.23	23.40	23.22	23.17	22.89	22.19	21.85	21.54	21.26	21.02	21.00	20.78	20.54	20.37	20.15	20.00	19.72	19.44	19.21	19.00	-1.2%
Average Price 3/	25.42	25.17	24.37	24.14	24.06	23.58	23.08	22.74	22.42	22.13	21.89	21.84	21.62	21.37	21.18	20.95	20.79	20.51	20.22	19.97	19.75	-1.3%

1/ Includes waste coal delivered to Independent Power Producers (IPP) that is not included in other Energy Information Administration coal distribution tables. The totals for this table include this waste coal tonnage.

2/ Includes stock changes.

3/ Weighted average includes residential/commercial prices.

Appalachia: Pennsylvania, Ohio, Maryland, West Virginia, Virginia, Tennessee, Alabama, Mississippi, Eastern Kentucky.

Interior: Western Kentucky, Illinois, Indiana, Iowa, Missouri, Kansas, Oklahoma, Arkansas, Texas, Louisiana.

Northern Great Plains: North Dakota, Montana, Wyoming.

Other West and Non-Contiguous: Colorado, Utah, Arizona, New Mexico, Washington, Alaska.

NA = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2020 National Energy Modeling System run aeo2020_4f02001b.

Table 100. Coal Production and Minemouth Prices by Region (1 of 1)
(Production in Million Short Tons; Prices in 2000 Dollars per Short Ton)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Production																						
Appalachia 2/	429.92	438.98	432.60	426.73	424.55	423.71	436.10	437.79	434.04	434.26	427.64	426.55	425.87	422.01	419.30	416.71	418.64	417.10	409.48	408.11	405.92	-0.3%
Interior	143.95	150.58	143.49	143.91	140.41	157.19	165.20	164.44	164.90	158.46	158.29	144.26	143.50	143.71	145.92	146.09	141.85	142.51	144.28	141.67	143.14	0.0%
Northern Great Plains	408.69	466.28	452.33	475.86	493.96	504.36	508.14	537.13	549.84	564.17	577.73	598.21	608.16	618.36	625.94	638.93	654.54	671.57	689.21	710.05	725.86	2.9%
Other West and Non-Contiguous	101.46	112.06	112.95	115.85	124.41	126.16	123.05	122.91	122.15	121.77	120.50	122.79	122.71	121.47	121.93	123.14	122.97	122.44	122.45	121.53	122.29	0.9%
Appalachia 2/	429.92	438.98	432.60	426.73	424.55	423.71	436.10	437.79	434.04	434.26	427.64	426.55	425.87	422.01	419.30	416.71	418.64	417.10	409.48	408.11	405.92	-0.3%
Interior	143.95	150.58	143.49	143.91	140.41	157.19	165.20	164.44	164.90	158.46	158.29	144.26	143.50	143.71	145.92	146.09	141.85	142.51	144.28	141.67	143.14	0.0%
West	510.35	578.34	565.28	591.71	618.37	630.53	631.19	660.04	671.99	685.94	698.22	721.00	730.87	739.84	747.88	762.07	777.51	794.01	811.65	831.58	848.14	2.6%
East of Mississippi River	518.32	533.19	518.87	518.18	512.96	526.33	545.05	545.47	543.28	540.14	533.43	529.54	528.40	523.96	522.42	520.13	519.48	517.48	512.45	510.34	510.10	-0.1%
West of Mississippi River	595.90	634.72	622.50	644.17	670.38	685.10	689.44	716.60	727.66	736.52	750.73	762.27	771.84	781.60	790.68	804.75	818.54	836.14	852.97	871.01	887.10	2.3%
U.S. Total	1084.22	1167.90	1141.37	1162.35	1183.34	1211.43	1234.49	1262.28	1270.94	1278.66	1284.16	1291.81	1300.24	1305.66	1313.10	1324.87	1338.00	1353.62	1365.42	1381.36	1397.20	1.3%
Minemouth Prices																						
Appalachia	25.48	25.49	24.91	24.68	24.56	24.28	24.39	24.27	24.17	24.04	24.02	24.11	23.97	23.79	23.73	23.59	23.57	23.42	23.30	23.21	23.13	-0.5%
Interior	17.07	18.28	17.62	17.84	17.62	18.46	18.58	18.56	18.53	18.27	18.25	18.23	18.17	18.05	18.04	17.95	17.96	17.88	17.89	17.84	17.88	0.2%
Northern Great Plains	6.11	5.84	5.50	5.35	5.28	5.13	4.99	4.97	4.88	4.79	4.83	4.84	4.86	4.86	4.89	4.93	5.00	5.06	5.10	5.15	5.19	-0.8%
Other West and Non-Contiguous	19.03	19.32	19.04	18.73	19.01	18.87	18.68	18.56	18.42	18.33	18.22	18.24	18.16	18.08	17.96	17.94	17.82	17.80	17.74	17.63	17.63	-0.4%
Appalachia	25.48	25.49	24.91	24.68	24.56	24.28	24.39	24.27	24.17	24.04	24.02	24.11	23.97	23.79	23.73	23.59	23.57	23.42	23.30	23.21	23.13	-0.5%
Interior	17.07	18.28	17.62	17.84	17.62	18.46	18.58	18.56	18.53	18.27	18.25	18.23	18.17	18.05	18.04	17.95	17.96	17.88	17.89	17.84	17.88	0.2%
West	8.68	8.45	8.21	7.97	8.03	7.88	7.86	7.50	7.34	7.24	7.11	7.11	7.08	7.03	7.02	7.03	7.05	7.02	7.02	6.99	6.98	-1.1%
East of Mississippi River	24.25	24.72	24.17	23.98	23.85	23.71	23.62	23.72	23.61	23.45	23.42	23.46	23.33	23.15	23.09	22.96	22.95	22.82	22.68	22.59	22.52	-0.4%
West of Mississippi River	9.04	8.90	8.68	8.37	8.39	8.28	8.12	7.93	7.76	7.63	7.50	7.37	7.33	7.30	7.29	7.30	7.38	7.28	7.27	7.21	7.20	-1.1%
U.S. Total	16.45	16.12	15.72	15.33	15.10	14.99	15.06	14.76	14.54	14.31	14.11	13.97	13.83	13.66	13.58	13.44	13.38	13.22	13.05	12.89	12.79	-1.3%

1/ Coal Production Regions:

Appalachia: Pennsylvania, Ohio, Maryland, West Virginia, Virginia, Tennessee, Alabama, Mississippi, Eastern Kentucky.

Interior: Western Kentucky, Illinois, Indiana, Iowa, Missouri, Kansas, Oklahoma, Arkansas, Texas, Louisiana.

Northern Great Plains: North Dakota, Montana, Wyoming.

Other West and Non-Contiguous: Colorado, Utah, Arizona, New Mexico, Washington, Alaska.

2/ Includes waste coal delivered to Independent Power Producers (IPP) that is not included in other Energy Information Administration coal distribution tables. The totals for this table include this waste coal tonnage.

NA = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 101. Coal Production by Region and Type (1 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Northern Appalachia	149.14	159.01	157.14	150.36	148.71	162.88	163.86	180.82	178.40	181.01	178.53	165.58	166.47	168.90	169.85	169.37	171.32	173.15	171.76	169.85	169.66	0.6%	
Medium Sulfur (Premium) 1/	9.51	10.59	11.42	10.97	10.22	9.82	9.94	9.69	9.64	9.42	9.23	8.94	8.89	8.82	8.75	8.75	8.47	8.28	8.20	7.90	7.75	7.43	-1.2%
Low Sulfur (Bituminous) 2/	2.38	1.98	1.75	2.21	2.57	2.76	3.23	3.60	3.72	3.90	3.76	4.22	4.21	4.13	3.94	3.63	3.61	3.19	2.87	2.66	2.43	0.1%	
Medium Sulfur (Bituminous) 2/	71.02	82.07	76.65	82.23	86.65	89.36	96.71	98.40	98.59	99.74	98.43	87.86	88.80	89.87	91.25	91.03	92.59	94.69	94.56	93.43	93.93	1.4%	
High Sulfur (Bituminous)	56.23	53.47	55.87	43.52	37.63	49.80	62.54	57.69	54.95	56.51	55.67	53.13	53.13	54.84	54.57	54.80	55.51	55.64	54.99	54.67	54.42	-0.2%	
High Sulfur (Gob) 3/	10.00	10.89	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	11.44	0.7%	
Central Appalachia	258.97	262.71	259.57	260.04	258.82	244.00	237.50	240.06	238.79	236.46	232.55	244.36	243.15	237.11	233.62	231.64	231.78	228.67	222.66	223.39	221.62	-0.8%	
Medium Sulfur (Premium) 1/	47.37	40.84	41.58	41.80	41.93	42.28	42.11	42.33	42.35	42.40	42.43	42.57	42.47	42.40	42.33	42.48	42.56	42.54	42.74	42.90	42.68	-0.5%	
Low Sulfur (Bituminous)	71.95	85.31	77.05	77.90	75.54	66.40	59.60	59.65	58.83	58.87	57.55	67.33	67.38	63.73	62.99	61.12	61.16	58.69	54.33	55.11	54.69	-1.4%	
Medium Sulfur (Bituminous)	139.65	136.55	140.94	141.13	141.35	135.32	135.79	138.08	137.61	135.19	132.57	134.46	133.29	130.98	128.30	128.04	128.06	127.44	125.59	125.48	124.26	-0.6%	
Southern Appalachia	21.81	17.28	15.89	16.33	17.02	16.82	16.74	16.91	16.85	16.79	16.57	16.61	16.25	16.00	15.83	15.71	15.54	15.28	15.05	14.88	14.63	-2.0%	
Low Sulfur (Premium) 1/	4.83	4.26	4.41	4.38	4.35	4.36	4.36	4.37	4.38	4.38	4.38	4.23	3.96	3.76	3.64	3.61	3.47	3.35	3.31	3.23	3.11	-2.2%	
Low Sulfur (Bituminous)	6.88	4.56	2.80	3.41	3.33	3.19	3.37	3.51	3.52	3.50	3.41	3.87	3.79	3.62	3.51	3.45	3.46	3.33	3.22	3.20	3.13	-3.9%	
Medium Sulfur (Bituminous)	9.20	7.45	6.87	6.34	6.64	6.35	6.07	6.11	6.02	5.99	5.85	5.58	5.57	5.70	5.76	5.72	5.68	5.67	5.60	5.52	5.46	-2.6%	
Medium Sulfur (Lignite)	0.90	1.00	1.81	2.20	2.71	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	6.1%	
Eastern Interior	88.40	84.20	86.27	91.45	88.41	102.62	106.95	107.68	109.23	105.88	105.78	102.99	102.52	101.95	103.12	103.41	100.82	100.38	102.97	102.23	104.18	0.8%	
Medium Sulfur (Bituminous)	27.62	31.93	29.04	30.02	28.01	27.78	26.76	26.73	26.49	26.04	25.83	25.12	25.10	24.98	25.54	25.54	24.53	25.25	25.63	25.93	26.41	-0.2%	
High Sulfur (Bituminous)	60.78	62.27	57.24	61.43	60.40	74.85	80.19	80.95	82.74	79.84	79.95	77.87	77.42	76.97	77.58	77.87	76.29	75.13	77.33	76.31	77.77	1.2%	
Western Interior High Sulfur (Bituminous)	2.35	2.32	2.17	2.20	2.23	2.24	2.24	2.25	2.25	2.24	2.24	2.23	2.24	2.24	2.21	2.22	2.23	2.23	2.24	2.25	2.28	-0.2%	
Gulf	53.20	54.06	55.05	50.26	49.77	52.33	56.01	54.51	53.43	50.34	50.27	38.04	38.74	38.53	40.59	40.46	38.80	38.89	39.07	37.18	36.70	-1.8%	
Medium Sulfur (Lignite)	33.36	32.77	31.78	30.18	28.53	30.02	32.56	30.22	28.24	27.40	26.52	20.60	20.41	20.84	20.98	20.73	19.78	20.12	19.60	18.65	18.33	-3.0%	
High Sulfur (Lignite)	19.84	21.29	23.27	20.08	21.24	22.31	23.44	24.29	25.18	22.94	23.74	18.44	18.33	18.69	19.62	19.73	19.02	19.78	19.47	18.53	18.38	-0.4%	
Dakota Medium Sulfur (Lignite)	31.27	31.95	31.84	32.25	32.57	32.84	33.04	33.28	33.47	33.73	33.97	32.80	31.54	32.95	33.35	33.56	33.19	33.87	33.53	33.26	33.51	0.3%	
Powder/Green River	377.62	434.32	420.48	443.61	461.39	471.52	475.10	503.85	516.37	530.44	543.75	565.41	576.62	585.41	592.59	605.38	621.35	637.70	655.67	676.78	692.34	3.1%	
Low Sulfur (Bituminous)	1.21	0.10	0.10	0.10	0.10	0.10	0.15	0.18	0.18	0.17	0.15	0.14	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	-14.8%	
Low Sulfur (Sub-Bituminous)	345.80	404.86	396.07	419.59	438.20	448.16	448.07	476.30	489.29	503.87	517.97	539.79	552.12	563.25	571.26	583.60	600.95	615.64	631.35	649.66	665.24	3.3%	
Medium Sulfur (Sub-Bituminous)	30.61	29.36	24.31	23.92	23.09	23.26	26.88	27.37	26.91	26.40	25.63	25.47	24.37	22.04	21.22	21.68	20.31	21.88	24.26	27.07	27.05	-0.6%	
Rocky Mountain	56.28	69.27	71.26	74.13	82.52	84.27	81.15	81.01	80.04	79.68	78.43	80.74	81.16	80.43	81.05	82.42	82.42	82.05	82.22	81.45	82.35	1.9%	
Low Sulfur (Bituminous)	46.64	59.19	61.70	65.30	74.25	76.74	74.25	74.42	73.60	72.97	72.84	76.63	75.89	76.68	78.20	78.08	77.94	78.04	78.04	77.26	78.17	2.6%	
Low Sulfur (Sub-Bituminous)	9.64	10.08	9.55	8.83	8.27	7.53	6.90	6.60	6.50	6.08	5.45	4.89	4.53	4.54	4.37	4.22	4.50	4.34	4.11	4.18	4.18	-1.1%	

Table 101. Coal Production by Region and Type (1 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Arizona/New Mexico	39.27	36.60	35.43	35.37	35.45	35.42	35.41	35.38	35.56	35.52	35.48	35.43	34.91	34.38	34.20	34.01	33.83	33.65	33.46	33.29	33.12	-0.8%
Low Sulfur (Bituminous)	19.22	18.28	16.34	16.40	16.36	16.32	16.28	16.24	16.19	16.15	16.11	16.06	16.03	15.98	15.95	15.90	15.86	15.82	15.78	15.74	15.71	-1.0%
Medium Sulfur (Sub-Bituminous)	20.05	18.32	19.09	18.98	19.09	19.10	19.13	19.14	19.36	19.36	19.37	19.37	18.89	18.40	18.26	18.11	17.97	17.82	17.68	17.55	17.41	-0.7%
Washington/Alaska																						
Medium Sulfur (Sub-Bituminous)	5.91	6.18	6.26	6.35	6.45	6.47	6.50	6.52	6.55	6.57	6.60	6.62	6.64	6.66	6.68	6.70	6.72	6.74	6.76	6.79	6.81	0.7%
Subtotals: All Regions																						
Premium Metallurgical 1/	61.71	55.69	57.41	56.95	56.49	56.45	56.42	56.39	56.37	56.30	56.04	55.73	55.33	54.98	54.72	54.56	54.31	54.08	53.95	53.78	53.22	-0.7%
Bituminous	515.13	545.49	528.53	531.58	535.26	550.91	567.18	567.79	564.70	561.74	554.50	553.72	549.83	548.28	547.61	547.03	545.10	540.26	537.51	538.71	538.71	0.2%
Sub-Bituminous	412.01	468.81	455.29	477.67	495.03	504.52	507.47	535.93	548.60	562.28	575.01	596.15	606.54	614.90	621.78	634.31	650.30	666.30	684.23	705.25	720.69	2.8%
Lignite	95.37	97.91	100.14	96.15	96.49	99.54	103.41	102.16	101.27	98.44	98.61	86.20	84.65	86.85	88.31	88.38	86.36	88.13	86.98	84.81	84.58	-0.6%
Low Sulfur	509.55	588.63	589.80	597.51	622.96	625.56	616.21	644.96	656.21	670.52	691.75	716.38	728.77	735.02	742.32	753.83	770.92	782.15	793.15	811.11	828.72	2.5%
Medium Sulfur	426.47	429.03	421.58	426.17	427.43	425.22	436.42	440.80	438.16	435.17	429.36	412.31	408.50	406.36	405.35	404.98	402.59	407.25	406.76	407.14	406.20	-0.2%
High Sulfur	149.20	150.24	149.99	138.67	132.84	160.64	179.85	176.62	176.57	172.97	173.04	163.12	162.56	164.18	165.42	166.06	164.49	164.22	165.48	163.10	164.27	0.5%
Underground	370.90	394.26	385.88	392.87	399.75	412.39	423.81	423.65	420.95	419.37	415.66	414.05	415.79	413.97	416.76	417.86	416.69	416.66	414.74	413.19	415.00	0.6%
Surface	713.32	773.64	755.49	769.47	783.58	799.04	810.68	838.62	849.99	859.28	868.50	877.76	884.45	891.58	896.33	907.01	921.30	936.96	950.68	968.16	982.10	1.6%
U.S. Total	1084.22	1167.90	1141.37	1162.34	1183.33	1211.42	1234.49	1262.27	1270.94	1278.66	1284.16	1291.81	1300.23	1305.55	1313.09	1324.87	1337.99	1353.62	1365.41	1381.35	1397.19	1.3%

1/ "Premium" coal is used to make metallurgical coke.
2/ Includes Pennsylvania anthracite.
3/ Waste coal delivered to Independent Power Producers (IPP) that is not included in other Energy Information Administration coal production tables. The totals for this table include this waste coal tonnage.
Northern Appalachia: Pennsylvania, Maryland, Ohio, Northern West Virginia (Pennsylvania anthracite is included under low and medium sulfur bituminous).
Central Appalachia: Southern West Virginia, Virginia, Eastern Kentucky.
Southern Appalachia: Alabama, Tennessee, Mississippi.
Eastern Interior: Illinois, Indiana, Western Kentucky.
Western Interior (Bituminous Only): Iowa, Missouri, Kansas, Oklahoma, Arkansas, Texas.
Gulf (Lignite Only): Texas, Louisiana, Arkansas.
Dakota: North Dakota, Eastern Montana (Lignite Only).
Powder/Green River: Wyoming, Montana (Sub-Bituminous and Bituminous).
Rocky Mountains: Colorado, Utah.
Sulfur Definitions:
Low Sulfur: 0 - 0.60 pounds of sulfur per million Btu.
Medium Sulfur: 0.61 - 1.67 pounds of sulfur per million Btu.
High Sulfur: Over 1.67 pounds of sulfur per million Btu.
Btu = British thermal unit.
Note: Totals may not equal sum of components due to independent rounding.
Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002_d102001b.

Table 102. Coal Prices by Region and Type (1 of 2)
(2000 Dollars per Short Ton)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Northern Appalachia	23.89	23.95	23.43	23.14	23.17	23.51	24.21	23.91	23.73	23.65	23.62	23.19	23.08	23.11	23.11	22.96	22.90	22.83	22.70	22.57	22.52	-0.3%	
Medium Sulfur (Premium) 1/	35.00	36.50	36.31	36.00	35.82	35.64	36.50	36.36	35.05	35.00	34.86	34.79	34.74	34.65	34.30	34.26	34.22	33.91	33.87	33.60	33.32	-0.2%	
Low Sulfur (Bituminous) 2/	37.89	36.07	33.72	35.22	35.87	36.07	36.84	36.88	36.90	36.75	36.80	37.18	38.81	36.87	36.41	36.06	35.88	35.40	34.98	34.76	34.48	-0.5%	
Medium Sulfur (Bituminous) 2/	23.27	23.77	23.94	23.26	23.57	23.89	24.11	24.02	23.91	23.82	23.10	22.98	23.06	23.14	23.01	22.97	22.98	22.89	22.76	22.77	22.71	-0.1%	
High Sulfur (Bituminous)	24.16	23.99	23.08	21.42	20.77	22.35	23.83	23.01	22.63	22.55	22.56	22.30	22.21	22.23	22.12	22.12	22.12	22.05	21.93	21.86	21.83	-0.5%	
High Sulfur (Gob) 3/	12.86	13.86	13.93	13.93	13.86	13.80	13.66	13.66	13.66	13.66	13.66	13.73	13.73	13.87	13.87	14.01	14.01	14.01	14.01	14.15	14.15	0.5%	
Central Appalachia	25.62	26.07	25.55	25.32	25.10	24.51	24.25	24.26	24.20	24.04	24.02	24.45	24.33	24.04	23.96	23.83	23.85	23.67	23.55	23.50	23.43	-0.4%	
Medium Sulfur (Premium) 1/	30.57	28.42	26.39	26.33	26.30	26.25	26.25	26.25	26.07	26.11	26.14	26.05	26.09	26.09	25.83	25.90	25.98	25.82	25.80	25.80	25.67	-0.5%	
Low Sulfur (Bituminous)	25.11	26.81	27.48	27.29	26.58	25.54	24.80	24.72	24.73	24.64	24.63	25.78	25.59	25.55	24.91	24.71	24.71	24.41	24.30	24.19	24.07	-0.2%	
Medium Sulfur (Bituminous)	24.21	24.24	24.24	23.98	23.95	23.46	23.39	23.45	23.40	23.13	23.07	23.28	23.14	22.90	22.88	22.73	22.73	22.60	22.46	22.42	22.37	-0.4%	
Southern Appalachia	34.64	30.94	29.23	28.79	28.50	28.28	28.30	28.32	28.23	28.25	28.26	28.25	27.73	27.30	27.09	26.96	26.78	26.47	26.30	26.08	25.81	-1.5%	
Low Sulfur (Premium) 1/	44.50	40.89	41.49	41.49	41.69	41.90	41.90	41.89	41.89	41.89	41.89	41.35	40.56	40.01	39.56	39.57	39.28	38.97	38.97	38.58	38.19	-0.8%	
Low Sulfur (Bituminous)	36.62	31.36	27.55	28.26	29.25	28.98	29.54	29.70	29.63	29.49	29.44	30.62	30.39	29.78	29.59	29.31	29.24	28.84	28.53	28.44	28.24	-1.3%	
Medium Sulfur (Bituminous)	30.23	27.88	26.99	26.08	26.52	26.38	25.98	25.62	25.70	25.80	25.58	25.24	25.10	25.24	25.35	25.18	25.11	25.03	24.87	24.71	24.60	-1.0%	
Medium Sulfur (Lignite)	11.77	9.44	10.45	10.60	11.29	11.62	11.62	11.62	11.74	11.85	11.91	11.91	11.91	11.92	12.00	12.16	12.26	12.28	12.28	12.28	12.28	0.2%	
Eastern Interior	20.05	21.13	20.46	20.67	20.47	21.38	21.53	21.49	21.41	21.02	21.00	20.79	20.67	20.51	20.50	20.37	20.38	20.31	20.21	20.12	20.11	0.0%	
Medium Sulfur (Bituminous)	21.44	22.84	22.18	22.40	21.86	21.89	21.62	21.54	21.47	21.16	21.15	21.02	20.90	20.72	20.73	20.59	20.59	20.50	20.41	20.32	20.31	-0.3%	
High Sulfur (Bituminous)	19.42	20.26	19.59	19.83	19.82	21.19	21.50	21.48	21.38	20.98	20.95	20.71	20.60	20.44	20.43	20.30	20.32	20.25	20.15	20.05	20.04	0.2%	
Western Interior High Sulfur (Bituminous)	24.19	25.50	24.61	24.37	24.49	24.61	24.61	24.61	24.61	24.61	24.61	24.73	24.73	24.73	24.73	24.73	24.98	24.98	24.98	25.23	25.23	0.2%	
Gulf	11.79	12.89	12.89	12.39	12.27	12.47	12.71	12.51	12.39	12.19	12.17	11.12	11.17	11.34	11.40	11.38	11.28	11.38	11.35	11.13	11.11	-0.3%	
Medium Sulfur (Lignite)	12.13	14.00	13.75	13.34	13.03	13.58	13.22	12.94	12.84	12.72	11.61	11.65	11.83	11.80	11.70	11.73	11.73	11.73	11.52	11.48	11.48	-0.3%	
High Sulfur (Lignite)	11.21	11.44	11.72	10.97	11.25	11.41	11.51	11.82	11.77	11.42	11.55	10.58	10.64	10.85	10.95	10.93	10.84	10.88	10.96	10.74	10.73	-0.2%	
Dakota Medium Sulfur (Lignite)	8.03	8.18	7.98	7.90	7.78	7.75	7.67	7.67	7.67	7.67	7.61	7.50	7.31	7.41	7.43	7.43	7.43	7.46	7.45	7.39	7.39	-0.4%	
Powder/Green River	5.95	5.67	5.32	5.16	5.08	4.95	4.80	4.79	4.70	4.67	4.61	4.67	4.71	4.72	4.74	4.79	4.87	4.93	4.98	5.04	5.08	-0.8%	
Low Sulfur (Bituminous)	19.48	23.30	22.83	22.02	21.69	21.30	20.85	20.62	20.30	20.14	19.95	19.91	19.82	19.72	19.60	19.48	19.39	19.22	19.03	18.86	18.68	-0.2%	
Low Sulfur (Sub-Bituminous)	5.67	5.54	5.21	5.06	4.98	4.84	4.67	4.67	4.58	4.55	4.50	4.62	4.65	4.67	4.72	4.82	4.86	4.91	4.96	5.01	5.01	-0.6%	
Medium Sulfur (Sub-Bituminous)	8.60	7.41	6.97	6.90	6.87	6.88	6.95	6.88	6.78	6.74	6.67	6.68	6.65	6.52	6.52	6.59	6.53	6.68	6.80	6.85	6.77	-1.2%	
Rocky Mountain	17.26	17.77	17.59	17.28	17.80	17.68	17.33	17.12	16.84	16.69	16.50	16.61	16.55	16.48	16.32	16.31	16.31	16.31	16.13	16.12	16.00	15.90	-0.4%
Low Sulfur (Bituminous)	16.75	17.29	17.20	17.03	17.70	17.67	17.35	17.15	16.87	16.74	16.58	16.74	16.69	16.62	16.45	16.44	16.44	16.26	16.24	16.13	16.02	-0.2%	
Low Sulfur (Sub-Bituminous)	19.72	20.59	20.08	19.17	18.69	17.75	17.05	16.71	16.55	16.05	15.33	14.64	14.15	14.10	13.95	13.96	13.96	13.80	13.71	13.63	13.63	-1.8%	
Arizona/New Mexico	20.51	20.83	20.50	20.29	20.39	20.29	20.29	20.29	20.41	20.41	20.41	20.31	20.19	20.07	20.07	20.07	20.07	20.07	20.07	20.07	20.07	19.96	-0.1%
Low Sulfur (Bituminous)	20.40	20.96	19.91	19.70	19.80	19.70	19.70	19.70	19.70	19.70	19.70	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	19.60	-0.2%
Medium Sulfur (Sub-Bituminous)	20.61	20.70	21.01	20.80	20.90	20.80	20.80	20.80	21.01	21.01	21.01	20.90	20.69	20.49	20.49	20.49	20.49	20.49	20.49	20.49	20.49	20.28	-0.1%

Table 102. Coal Prices by Region and Type (2 of 2)
(2000 Dollars per Short Ton)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Washington/Alaska																							
Medium Sulfur (Sub-Bituminous)	26.03	27.67	27.26	26.99	26.85	26.72	26.72	26.98	26.98	26.98	26.98	27.12	27.12	27.11	27.11	27.11	27.11	27.11	27.11	27.11	27.11	27.11	0.2%
Average by Type: All Regions																							
Premium Metallurgical 1/	32.34	29.44	29.52	29.36	29.21	29.09	29.09	29.03	28.84	28.83	28.83	28.61	28.52	28.41	28.10	28.10	28.09	27.87	27.90	27.69	27.47	-0.8%	
Bluminous	22.99	23.56	22.92	22.69	22.59	22.47	22.61	22.49	22.37	22.19	22.13	22.18	22.05	21.88	21.82	21.66	21.67	21.54	21.39	21.31	21.24	-0.4%	
Sub-Bituminous	7.24	6.86	6.58	6.33	6.20	6.02	5.85	5.78	5.67	5.61	5.52	5.53	5.52	5.50	5.51	5.53	5.59	5.62	5.66	5.69	5.71	-1.2%	
Lignite	10.67	11.46	11.40	11.09	10.92	11.04	11.19	11.04	10.95	10.80	10.76	10.12	10.10	10.20	10.24	10.24	10.19	10.25	10.23	10.11	10.06	-0.3%	
Low Sulfur	11.23	11.39	10.67	10.36	10.20	9.88	9.25	9.04	8.83	8.89	8.49	8.81	8.73	8.52	8.44	8.35	8.33	8.18	8.04	7.99	7.94	-1.7%	
Medium Sulfur	21.53	21.35	21.27	21.22	21.24	21.01	20.96	20.96	20.92	20.80	20.77	20.67	20.65	20.59	20.58	20.47	20.55	20.41	20.28	20.12	20.06	-0.4%	
High Sulfur	19.75	19.74	19.31	18.63	18.28	19.71	20.55	20.15	19.94	19.79	19.74	19.65	19.57	19.55	19.51	19.41	19.45	19.37	19.30	19.25	19.26	-0.1%	
U.S. Average	16.45	16.12	15.72	15.33	15.10	14.99	15.06	14.76	14.54	14.31	14.11	13.97	13.83	13.66	13.56	13.44	13.36	13.22	13.05	12.89	12.79	-1.3%	

1/ "Premium" coal is used to make metallurgical coke.

2/ Includes Pennsylvania anthracite.

3/ Waste coal delivered to Independent Power Producers (IPP) that is not included in other Energy Information Administration coal tables. The averages for this table include this waste coal tonnage in the forecast years.

Northern Appalachia: Pennsylvania, Maryland, Ohio, Northern West Virginia (Pennsylvania anthracite is included under low and medium sulfur bituminous).

Central Appalachia: Southern West Virginia, Virginia, Eastern Kentucky.

Southern Appalachia: Alabama, Tennessee, Mississippi.

Eastern Interior: Illinois, Indiana, Western Kentucky.

Western Interior (Bituminous Only): Iowa, Missouri, Kansas, Oklahoma, Arkansas, Texas.

Gulf (Lignite Only): Texas, Louisiana, Arkansas.

Dakota: North Dakota, Eastern Montana (Lignite Only).

Powder/Green River: Wyoming, Montana (Sub-Bituminous and Bituminous).

Rocky Mountains: Colorado, Utah.

Sulfur Definitions:

Low Sulfur: 0 - 0.60 pounds of sulfur per million Btu.

Medium Sulfur: 0.61 - 1.67 pounds of sulfur per million Btu.

High Sulfur: Over 1.67 pounds of sulfur per million Btu.

Btu = British thermal unit.

W = Withheld.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 103. World Steam Coal Flows By Importing Regions and Exporting Countries 1,2/ (1 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-
Steam Coal Exports to Europe 3/																						
Australia	9.9	10.0	10.2	10.3	10.8	10.6	10.4	10.4	10.3	10.3	10.2	9.5	8.2	6.5	4.0	3.7	3.6	3.4	5.4	6.7	6.9	-1.8%
United States	3.9	3.8	4.2	4.3	4.4	5.5	5.8	6.5	7.4	7.8	4.9	8.0	7.8	3.7	3.9	4.1	4.3	4.5	4.7	5.0	5.1	1.2%
South Africa	53.0	53.3	53.3	53.4	53.2	53.3	53.0	52.2	50.8	48.9	50.6	46.0	47.0	47.9	48.8	47.0	46.8	46.8	46.4	46.1	46.3	-0.7%
Former U.S.S.R.	11.0	11.1	11.2	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	0.5%
Poland	13.2	12.8	12.4	12.0	11.6	11.2	10.6	10.0	9.3	8.7	8.0	7.8	7.5	7.3	7.0	6.7	6.5	6.2	6.0	5.8	5.5	-4.3%
Canada	5.3	5.5	5.8	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.5	1.2%
China	0.0	0.0	0.3	0.7	1.1	1.5	1.4	1.4	1.3	1.3	1.2	1.6	1.9	2.2	2.5	2.8	2.9	3.0	3.1	3.3	3.4	N/A
South America	28.0	29.2	29.6	30.4	31.0	31.9	31.7	32.4	33.0	34.1	35.3	37.0	38.7	40.4	42.1	42.1	41.8	40.8	38.4	36.8	36.2	1.2%
Indonesia	11.2	10.8	10.5	10.1	9.7	9.4	9.3	9.2	9.1	9.1	9.0	7.9	5.7	6.3	6.9	7.7	7.5	7.7	7.4	7.1	6.8	-2.5%
Total	135.6	136.6	137.6	138.6	139.6	140.5	139.6	138.7	137.9	137.0	136.5	134.9	133.9	133.4	132.3	131.3	130.5	129.7	128.9	128.2	127.4	-0.3%
Steam Coal Exports to Asia																						
Australia	92.1	98.2	100.7	101.9	105.4	108.8	111.9	114.6	116.4	118.3	123.4	117.9	116.6	120.2	119.8	121.5	123.0	125.4	126.9	128.3	132.6	1.8%
United States	4.6	4.6	5.2	5.8	6.5	6.3	6.4	6.5	6.6	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.3	7.4	7.5	2.5%
South Africa	18.4	18.1	17.3	19.7	19.9	20.9	22.1	23.7	26.2	28.7	27.8	33.6	33.8	34.1	34.3	37.4	37.8	37.8	37.9	38.3	38.6	3.8%
Former U.S.S.R.	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	2.0%
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Canada	1.9	1.9	2.0	2.1	2.2	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	1.0%
China	45.6	48.2	50.5	52.7	55.0	57.2	58.8	60.3	61.9	63.5	65.1	65.7	66.3	66.8	67.4	68.0	68.5	69.1	69.6	70.2	70.7	2.2%
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Indonesia	42.8	45.5	48.3	51.2	54.0	56.8	58.4	59.9	61.5	63.0	64.5	66.8	70.3	69.9	71.6	72.0	73.0	73.6	74.8	75.9	74.1	2.8%
Total	208.0	217.3	226.8	236.2	245.7	255.1	262.8	270.5	278.3	286.0	293.7	297.2	300.6	303.9	307.4	310.8	314.5	318.1	321.7	325.3	328.9	2.3%
Steam Coal Export to America																						
Australia	0.4	1.0	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	2.8%
United States	16.9	16.0	15.6	14.3	13.1	12.1	11.3	10.5	9.5	9.1	8.8	8.6	8.3	8.2	8.0	7.9	7.8	7.7	7.6	7.5	7.3	-4.1%
South Africa	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.2	1.6%
Former U.S.S.R.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Canada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
South America	19.8	21.7	24.3	26.5	28.9	32.0	32.9	33.9	34.9	35.4	35.9	36.0	36.1	36.3	36.4	36.5	36.5	36.6	36.7	36.7	36.8	3.1%
Indonesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total	40.2	41.9	43.7	44.9	46.3	48.5	48.9	49.1	49.3	49.6	50.0	49.8	49.6	49.6	49.5	49.5	49.4	49.3	49.2	49.1	49.0	1.0%

Table 103. World Steam Coal Flows By Importing Regions and Exporting Countries 1,2/ (2 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Total Steam Coal Exports																						
Australia	102.7	109.2	111.4	112.8	116.7	120.0	123.0	125.7	127.4	129.2	134.3	128.1	125.5	127.4	124.4	125.9	127.2	129.5	133.0	135.7	140.2	1.6%
United States	25.4	24.4	25.0	24.4	24.0	23.9	23.5	23.5	23.4	23.4	20.4	23.3	23.0	18.8	19.0	19.1	19.3	19.4	19.6	19.8	20.0	-1.2%
South Africa	74.6	72.7	74.0	76.7	76.7	79.0	79.0	80.0	81.0	82.0	83.0	84.2	85.3	86.4	87.6	88.7	88.8	88.8	89.9	88.9	89.0	0.9%
Former U.S.S.R.	13.7	13.8	13.9	14.1	14.2	14.3	14.4	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.7	15.8	15.9	16.0	0.8%
Poland	13.2	12.8	12.4	12.0	11.6	11.2	10.6	10.0	9.3	8.7	8.0	7.8	7.5	7.3	7.0	6.7	6.5	6.2	6.0	5.8	5.5	-4.3%
Canada	7.2	7.5	7.8	8.2	8.5	8.8	8.2	7.6	7.8	8.1	8.4	8.6	8.7	8.9	9.1	8.6	6.6	6.6	6.6	6.6	6.6	-0.4%
China	45.6	48.2	50.8	53.4	56.0	58.6	60.2	61.7	63.3	64.8	66.4	67.2	68.1	69.0	69.9	70.8	71.4	72.1	72.8	73.4	74.1	2.5%
South America	47.8	50.9	53.9	56.9	59.9	62.9	64.6	66.3	67.9	69.5	71.2	73.0	74.8	76.6	78.4	78.6	76.5	77.4	75.1	73.5	73.0	2.1%
Indonesia	53.8	55.3	56.8	58.3	60.7	63.2	65.7	68.1	70.6	72.1	73.5	74.8	76.0	77.2	78.5	79.7	80.5	81.4	82.2	83.0	83.9	2.1%
Total	383.8	395.8	408.1	419.7	431.5	444.1	451.3	458.4	465.5	472.6	480.1	481.9	484.1	486.9	489.3	491.6	494.4	497.1	499.9	502.6	505.3	1.4%

1) Import Regions:

Europe: Algeria, Austria, Belgium, Bulgaria, Croatia, Denmark, Egypt, Finland, France, Germany, Greece, Ireland, Israel, Italy, Luxembourg, Malta, Morocco, Netherlands,

Norway, Portugal, Romania, Spain, Sweden, Tunisia, Turkey, United Kingdom

Asia: Bangladesh, China, Hong Kong, India, Iran, Japan, Malaysia, North Korea, Pakistan, Philippines, South Korea, Sri Lanka, Taiwan, Thailand

America: Argentina, Brazil, Canada, Chile, Mexico, United States

2) Excludes non-seaborne shipments of coal to Europe and Asia

3) Coal exports to Europe include exports to the Middle East and Northern Africa.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002_d102001b.

Table 104. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (1 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Metallurgical Coal Exports to Europe 3/																						
Australia	16.2	25.5	25.0	29.6	34.0	34.5	34.5	34.4	34.3	34.3	34.2	34.7	35.1	35.4	36.2	36.1	36.0	35.9	35.9	35.8	35.8	4.0%
United States	18.4	16.2	17.3	17.0	16.8	16.6	16.6	16.6	16.6	16.6	16.6	16.4	16.1	15.8	15.6	15.5	15.4	15.3	15.3	15.3	15.2	-1.0%
South Africa	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	0.9	0.8	0.8	0.0	0.1	0.1	0.1	0.0	0.0	0.0	N/A
Former U.S.S.R.	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-0.6%
Poland	5.0	4.7	4.5	4.2	4.0	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.4	-1.9%
Canada	17.6	11.9	11.6	8.0	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.4	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	-6.9%
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Indonesia	1.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	-2.5%
Total	61.8	62.3	62.4	62.7	63.0	63.2	63.1	63.0	62.9	62.7	62.6	62.5	62.4	62.2	62.1	62.0	61.8	61.6	61.4	61.2	61.0	-0.1%
Metallurgical Coal Exports to Asia																						
Australia	77.5	77.9	78.4	78.8	79.3	79.8	80.2	80.6	81.1	81.5	82.0	82.5	83.0	83.5	84.0	84.5	84.9	85.2	85.6	86.0	86.3	0.5%
United States	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5%
South Africa	6.1	6.1	6.1	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	0.4%
Former U.S.S.R.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Canada	20.5	20.0	20.0	20.0	20.1	20.1	20.1	20.2	20.2	20.2	20.1	20.0	20.0	20.0	19.4	19.6	19.7	19.8	19.8	19.9	19.9	-0.1%
China	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.4	8.5	8.6	8.6	8.7	8.8	8.8	0.7%
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Indonesia	3.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	0.8%
Total	116.3	116.8	117.4	117.8	118.5	119.0	119.6	120.1	120.7	121.2	121.7	122.4	123.0	123.6	124.2	124.8	125.3	125.8	126.3	126.8	127.3	0.5%
Metallurgical Coal Exports to America																						
Australia	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.7	7.8	8.0	8.2	8.5	8.7	11.1	11.4	11.6	11.8	12.0	12.2	12.4	3.2%
United States	13.2	13.6	13.9	14.0	14.2	14.4	14.7	14.9	15.1	15.3	15.5	15.8	16.2	16.5	16.8	17.1	17.3	17.5	17.7	17.9	18.1	1.6%
South Africa	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Former U.S.S.R.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Canada	1.6	1.8	2.1	2.3	2.5	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	0.2%
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Indonesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total	21.4	22.2	22.9	23.3	23.8	24.4	24.9	25.3	25.8	26.3	26.8	27.5	28.1	28.8	29.5	30.1	30.5	31.0	31.4	31.8	32.2	2.1%

**Table 104. World Metallurgical Coal Flows By Importing Regions and Exporting Countries 1,2/ (2 of 2)
(Million Short Tons)**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Total Metallurgical Coal Exports																						
Australia	100.2	110.2	110.2	115.4	120.4	121.5	122.0	122.5	123.1	123.6	124.1	125.4	126.5	127.6	131.3	132.1	132.6	133.1	133.5	134.0	134.5	1.5%
United States	32.7	30.9	32.3	32.1	32.0	32.2	32.5	32.7	33.0	33.2	33.5	33.6	33.6	33.6	34.0	34.1	34.2	34.5	34.7	34.7	34.8	0.3%
South Africa	7.5	7.5	7.4	7.4	7.3	7.3	7.2	7.2	7.1	7.1	7.1	7.0	7.0	6.9	6.9	6.8	6.8	6.7	6.7	6.7	6.7	-0.6%
Former U.S.S.R.	1.8	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	-0.6%
Poland	5.0	4.7	4.5	4.2	4.0	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	3.5	3.4	3.4	-1.9%
Canada	39.7	33.7	33.7	30.3	27.2	27.4	27.5	27.7	27.8	27.9	28.1	27.9	28.0	28.0	25.3	25.5	25.6	25.7	25.7	25.8	25.9	-2.1%
China	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.1	8.1	8.2	8.3	8.3	8.4	8.4	8.4	8.5	8.6	8.6	8.7	8.8	8.8	0.7%
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Indonesia	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	0.0%
Total	199.4	201.4	202.6	203.9	205.3	206.6	207.5	208.4	209.3	210.2	211.1	212.3	213.5	214.6	215.8	216.9	217.6	218.4	219.1	219.8	220.6	0.5%

1/ Import Regions:

Europe: Algeria, Austria, Belgium, Bulgaria, Croatia, Denmark, Egypt, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Malta, Morocco, Netherlands,

Norway, Portugal, Romania, Spain, Sweden, Tunisia, Turkey, United Kingdom

Asia: Bangladesh, China, Hong Kong, India, Iran, Japan, Malaysia, North Korea, Pakistan, Philippines, South Korea, Sri Lanka, Taiwan, Thailand

America: Argentina, Brazil, Canada, Chile, Mexico, United States

2/ Excludes non-seaborne shipments of coal to Europe and Asia

3/ Coal exports to Europe include exports to the Middle East and Northern Africa.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002_d102001b.

Table 105. World Total Coal Flows By Importing Regions and Exporting Countries 1,2/ (1 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Total Coal Exports to Europe 3/																						
Australia	26.1	35.5	35.1	39.9	44.8	45.1	44.9	44.8	44.7	44.5	44.4	44.1	43.3	41.9	40.2	39.8	39.6	39.4	41.4	42.6	42.7	2.5%
United States	22.3	20.0	21.6	21.2	21.0	22.0	22.4	23.1	24.0	24.2	21.5	24.4	23.9	19.8	19.5	19.6	19.7	19.8	20.0	20.2	20.3	-0.5%
South Africa	54.4	54.6	54.7	54.8	54.5	54.6	54.2	53.4	51.8	50.1	51.8	48.9	47.7	48.5	48.8	47.1	46.7	47.0	46.7	46.4	46.1	-0.8%
Former U.S.S.R.	12.8	12.9	13.0	13.1	13.2	13.2	13.3	13.4	13.5	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	0.3%
Poland	18.2	17.5	16.9	16.3	15.6	15.0	14.3	13.7	13.0	12.3	11.7	11.4	11.1	10.8	10.5	10.3	10.0	9.7	9.5	9.2	8.9	-3.5%
Canada	22.9	17.4	17.4	14.0	10.8	11.0	10.2	9.4	9.5	9.5	9.6	9.5	9.5	9.4	9.4	9.3	9.3	9.3	9.3	9.3	9.3	-4.4%
China	0.0	0.0	0.3	0.7	1.1	1.5	1.4	1.4	1.3	1.3	1.2	1.6	1.9	2.2	2.5	2.8	2.9	3.0	3.1	3.3	3.4	N/A
South America	28.0	29.2	29.6	30.4	31.0	31.9	31.7	32.4	33.0	34.1	35.3	37.0	38.7	40.4	42.1	42.1	41.8	40.8	38.4	36.8	36.2	1.2%
Indonesia	12.6	11.7	11.4	11.0	10.6	10.3	10.2	10.1	10.0	10.0	9.9	9.9	9.8	9.2	7.8	8.6	8.4	8.6	8.3	8.0	7.7	-2.5%
Total	197.4	198.9	200.0	201.3	202.6	203.7	202.7	201.7	200.8	199.7	199.1	197.4	196.2	195.7	194.5	193.3	192.3	191.3	190.4	189.4	188.4	-0.2%
Total Coal Exports to Asia																						
Australia	169.6	176.1	179.1	180.8	184.7	188.6	192.1	195.2	197.5	199.8	205.4	200.4	199.6	203.7	203.8	206.0	207.9	210.7	212.5	214.3	218.9	1.3%
United States	5.7	5.7	6.3	7.0	7.7	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	2.3%
South Africa	24.5	22.2	23.3	25.8	25.9	26.9	28.1	29.7	32.1	34.8	33.7	39.7	40.0	40.3	41.2	44.1	44.5	44.3	44.6	45.0	45.2	3.1%
Former U.S.S.R.	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.9	2.0%
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Canada	22.4	21.9	22.1	22.2	22.3	22.4	22.7	22.9	23.1	23.3	23.5	23.5	23.7	23.9	23.5	21.2	21.3	21.4	21.4	21.4	21.5	-0.2%
China	53.2	55.9	58.3	60.6	62.8	65.1	66.8	68.4	70.1	71.7	73.4	74.0	74.6	75.2	75.8	76.5	77.1	77.7	78.3	78.9	79.5	2.0%
South America	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Indonesia	46.1	49.5	52.4	55.2	58.1	60.9	62.4	64.0	65.5	67.9	68.6	70.9	74.4	73.0	75.6	76.1	77.1	77.7	78.8	80.0	78.2	2.7%
Total	324.3	334.2	344.2	354.2	364.2	374.1	382.4	390.6	398.8	407.2	415.4	419.5	423.8	427.5	431.6	435.7	439.8	443.9	448.0	452.2	459.2	1.7%
Total Coal Exports to America																						
Australia	7.0	7.7	7.3	7.5	7.7	7.8	8.0	8.2	8.3	8.5	8.7	8.9	9.2	9.4	11.8	12.1	12.3	12.5	12.7	12.9	13.1	3.2%
United States	30.1	29.6	29.4	28.3	27.3	26.5	26.0	25.4	24.8	24.4	24.3	24.4	24.4	24.6	24.8	25.0	25.1	25.2	25.3	25.4	25.5	-0.8%
South Africa	3.1	3.3	3.4	3.5	3.7	3.8	4.0	4.1	4.3	4.4	4.6	4.6	4.5	4.5	4.4	4.4	4.4	4.3	4.3	4.3	4.2	1.6%
Former U.S.S.R.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Poland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Canada	1.6	1.8	2.1	2.3	2.5	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	0.2%
China	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
South America	19.8	21.7	24.3	26.5	28.9	32.0	32.9	33.9	34.9	35.4	35.9	36.0	36.1	36.3	36.4	36.5	36.5	36.6	36.7	36.7	36.8	3.1%
Indonesia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Total	61.6	64.1	65.5	68.2	70.1	72.9	73.7	74.5	75.1	75.9	76.7	77.2	77.7	78.4	79.0	79.6	80.0	80.3	80.6	80.9	81.3	1.4%

Table 105. World Total Coal Flows By Importing Regions and Exporting Countries 1,2/ (2 of 2)
(Million Short Tons)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020
Total Coal Exports																						
Australia	202.9	219.3	221.6	228.2	237.1	241.5	245.0	248.2	250.5	252.8	258.4	253.4	252.0	255.0	255.7	258.0	259.8	262.6	266.6	269.8	274.8	1.5%
United States	58.1	55.3	57.3	56.5	56.0	56.1	56.0	56.2	56.4	56.6	53.9	56.9	56.6	52.9	52.7	53.1	53.4	53.7	54.1	54.5	54.3	-0.3%
South Africa	82.0	80.1	81.4	84.1	84.0	85.3	86.3	87.2	88.2	89.1	90.1	91.2	92.3	93.4	94.5	95.6	95.8	95.6	95.6	95.6	95.6	0.8%
Former U.S.S.R.	15.5	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.2	16.3	16.4	16.5	16.6	16.8	16.9	17.0	17.1	17.2	17.3	17.4	17.5	0.6%
Poland	18.2	17.5	16.9	16.3	15.6	15.0	14.3	13.7	13.0	12.3	11.7	11.4	11.1	10.8	10.5	10.3	10.0	9.7	9.5	9.2	8.9	-3.5%
Canada	46.9	41.2	41.5	38.5	35.6	36.2	35.7	35.2	35.6	36.0	36.4	36.5	36.7	36.9	34.5	32.1	32.2	32.3	32.3	32.4	32.5	-1.8%
China	53.2	55.9	58.6	61.2	63.9	66.6	68.2	69.8	71.4	73.0	74.6	75.6	76.5	77.4	78.3	79.3	80.0	80.7	81.4	82.2	82.9	2.2%
South America	47.8	50.9	53.9	56.9	59.9	62.9	64.6	66.3	67.9	69.6	71.2	73.0	74.8	76.6	78.4	79.6	79.5	77.4	75.1	73.5	73.0	2.1%
Indonesia	58.9	61.3	63.7	66.2	68.7	71.2	72.6	74.1	75.5	77.0	78.5	79.7	81.0	82.2	83.4	84.7	85.5	86.3	87.1	88.0	88.9	1.9%
Total	583.2	597.2	610.6	623.7	636.8	650.8	658.8	666.8	674.8	682.8	691.2	694.2	697.6	701.6	705.0	708.6	712.0	715.5	719.0	722.5	725.9	1.1%

1/ Import Regions:

Europe: Algeria, Austria, Belgium, Bulgaria, Croatia, Denmark, Egypt, Finland, France, Germany, Greece, Ireland, Israel, Italy, Luxembourg, Malta, Morocco, Netherlands,

Norway, Portugal, Romania, Spain, Sweden, Tunisia, Turkey, United Kingdom

Asia: Bangladesh, China, Hong Kong, India, Iran, Japan, Malaysia, North Korea, Pakistan, Philippines, South Korea, Sri Lanka, Taiwan, Thailand

America: Argentina, Brazil, Canada, Chile, Mexico, United States

2/ Excludes non-seaborne shipments of coal to Europe and Asia.

3/ Coal exports to Europe include exports to the Middle East and Northern Africa.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.

Table 106. Indicators of Macroeconomic Activity (1 of 1)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020-2020	
Real Output, National (billion 1992 dollars)																							
Total Industrial	5081.6	4989.4	5102.7	5315.2	5489.9	5676.8	5829.7	6001.5	6173.9	6360.9	6584.5	6798.2	6978.6	7170.0	7352.1	7535.0	7705.7	7892.2	8095.1	8295.1	8447.4	2.6%	
Total Manufacturing	4022.4	3916.7	4023.6	4234.5	4386.3	4549.8	4696.3	4857.7	5009.6	5174.4	5373.5	5589.6	5734.9	5900.6	6056.1	6210.3	6362.1	6529.3	6703.1	6885.9	7032.0	2.2%	
Coal Mining	29.1	31.2	30.5	31.0	31.5	32.2	32.8	33.4	33.6	33.8	34.0	34.1	34.1	34.1	34.3	34.5	34.8	35.1	35.3	35.6	36.0	1.1%	
Oil and Gas Extraction	107.4	107.8	109.1	110.9	110.9	112.3	114.0	115.5	116.8	118.8	121.2	123.2	123.2	126.3	129.2	132.2	135.0	137.1	138.8	139.2	140.5	1.3%	
Refining	152.6	151.5	155.9	154.3	157.6	160.8	162.6	165.9	167.5	169.5	171.5	173.2	174.4	175.7	177.0	177.9	178.4	178.9	179.6	180.4	181.1	0.9%	
Paper	154.5	155.1	159.5	164.0	167.6	172.2	176.4	180.6	179.3	181.4	183.6	188.3	192.0	195.1	198.0	200.8	204.1	207.1	209.8	212.2	214.3	1.6%	
Chemicals	356.2	353.9	368.4	375.4	381.5	392.8	404.4	417.8	428.8	442.1	459.3	476.1	486.7	496.4	505.4	516.7	531.7	545.1	559.4	574.2	586.7	2.5%	
Stone, Clay, and Glass	81.2	82.1	83.8	84.2	85.7	86.3	88.0	89.4	90.5	92.0	91.2	92.9	93.5	94.3	94.9	95.9	97.1	98.5	99.7	100.8	101.7	1.1%	
Primary Metals	182.2	174.6	180.3	186.8	189.6	192.6	196.7	200.0	202.9	205.9	210.1	214.2	216.2	218.2	220.0	221.4	222.9	224.7	226.6	227.9	228.5	1.1%	
Basic Steel	70.4	68.0	69.8	72.2	72.8	73.8	74.7	75.6	76.4	77.2	78.7	79.7	80.3	80.8	81.5	82.2	82.7	83.4	84.0	84.4	84.6	0.9%	
Primary Aluminum	36.1	33.7	35.0	36.3	37.1	38.0	39.3	40.2	41.0	41.6	42.4	43.4	43.9	44.2	44.4	44.6	44.9	45.1	45.6	45.8	45.9	1.2%	
Fabricated Metals	221.8	222.5	229.0	238.2	243.4	248.9	253.7	258.6	263.0	266.8	273.4	278.9	283.1	286.9	290.9	295.4	298.8	302.5	306.8	310.8	313.9	1.6%	
Industrial Machinery	392.5	383.6	405.4	440.1	469.1	488.9	511.0	534.2	558.7	584.8	615.8	643.6	664.7	689.5	707.6	721.2	732.8	746.2	761.0	777.4	786.5	3.5%	
Electrical Machinery	507.5	489.1	524.9	577.1	630.5	681.9	736.9	794.6	857.1	925.2	1000.2	1080.7	1155.5	1232.1	1307.3	1384.0	1464.1	1550.0	1640.0	1728.0	1807.1	6.1%	
Transportation Equipment	501.0	484.5	495.4	527.4	545.2	573.7	598.6	616.8	631.8	640.9	655.1	665.9	676.3	684.9	693.9	703.6	709.6	720.4	734.6	746.9	753.4	2.1%	
Real Disposable Income by Census																							
Division (billion 1996 dollars)																							
New England	383	394	401	413	422	432	440	448	459	472	484	498	512	525	538	551	566	579	593	607	618	2.4%	
Middle Atlantic	1027	1080	1081	1115	1142	1189	1190	1211	1242	1275	1307	1342	1378	1412	1446	1479	1515	1548	1580	1614	1641	2.4%	
East North Central	1043	1073	1089	1120	1145	1172	1191	1213	1243	1278	1311	1348	1385	1420	1455	1491	1529	1566	1601	1638	1666	2.4%	
West North Central	422	435	442	456	467	479	488	498	512	527	541	557	567	573	588	604	620	637	654	670	701	2.6%	
South Atlantic	1174	1220	1253	1303	1347	1393	1433	1476	1530	1590	1650	1713	1778	1843	1908	1975	2045	2115	2183	2256	2321	3.5%	
East South Central	331	342	348	359	369	379	384	394	405	417	429	443	459	469	482	496	511	525	538	556	565	577	2.7%
West South Central	655	680	698	726	749	773	793	814	842	873	904	937	971	1004	1037	1070	1105	1139	1172	1207	1238	3.2%	
Mountain	383	401	415	435	454	473	490	508	531	556	580	607	634	662	690	719	749	779	810	842	871	4.2%	
Pacific	1122	1186	1196	1242	1281	1322	1356	1390	1436	1488	1535	1588	1642	1694	1746	1801	1859	1914	1968	2025	2074	3.1%	
United States	6559	6772	6924	7169	7376	7593	7787	7952	8200	8474	8742	9033	9329	9616	9906	10202	10515	10850	11114	11427	11698	3.0%	
Non-Agricultural Employment by Census Division (millions)																							
New England	6.9	6.9	6.9	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.6	0.5%	
Middle Atlantic	18.0	18.0	18.0	18.2	18.3	18.5	18.7	18.9	19.0	19.1	19.2	19.2	19.2	19.2	19.1	19.2	19.2	19.1	19.1	19.0	19.0	0.3%	
East North Central	21.8	21.7	21.6	21.8	22.0	22.2	22.4	22.5	22.7	22.8	23.0	23.1	23.1	23.1	23.2	23.2	23.3	23.4	23.4	23.4	23.4	0.4%	
West North Central	9.8	9.7	9.7	9.8	9.9	10.1	10.2	10.3	10.3	10.4	10.5	10.6	10.6	10.6	10.6	10.7	10.7	10.8	10.8	10.8	10.8	0.5%	
South Atlantic	24.4	24.6	24.7	25.1	25.6	26.1	26.6	27.0	27.4	27.8	28.2	28.7	28.9	29.2	29.5	29.8	30.1	30.4	30.7	30.9	31.1	1.2%	
East South Central	7.6	7.6	7.6	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.2	8.3	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	0.6%	
West South Central	13.9	13.9	14.0	14.2	14.5	14.8	15.0	15.3	15.5	15.7	15.9	16.1	16.3	16.4	16.5	16.7	16.8	17.0	17.1	17.2	17.4	1.1%	
Mountain	8.4	8.5	8.7	8.9	9.1	9.4	9.6	9.8	10.1	10.3	10.5	10.7	10.9	11.1	11.2	11.4	11.6	11.8	12.0	12.1	12.3	1.5%	
Pacific	19.4	19.5	19.7	20.0	20.4	20.8	21.2	21.5	21.8	22.1	22.4	22.7	22.9	23.0	23.2	23.4	23.6	23.9	24.1	24.2	24.4	1.2%	
United States	130.1	130.5	130.7	132.7	134.8	136.9	138.8	140.5	142.0	143.5	145.2	146.8	147.6	148.4	149.3	150.2	151.3	152.4	153.2	153.9	154.5	0.9%	

Note: Totals may not equal sum of components due to independent rounding.

Source: 2009: DRW/WEFA, Simulation CTL0901. Projections: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002_0102001b.

Table 107. Imported Petroleum by Source (1 of 2)
(Million Barrels per Day)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2020	
Crude Oil																							
Canada	1.34	1.24	1.26	1.24	1.26	1.29	1.31	1.32	1.33	1.34	1.35	1.35	1.36	1.34	1.34	1.33	1.32	1.32	1.33	1.33	1.33	1.33	0.0%
Mexico	1.31	1.33	1.40	1.38	1.39	1.41	1.43	1.45	1.46	1.47	1.47	1.48	1.48	1.47	1.47	1.45	1.45	1.45	1.46	1.48	1.48	1.50	0.7%
North Sea	0.60	0.51	0.53	0.49	0.52	0.55	0.57	0.58	0.60	0.60	0.61	0.62	0.62	0.59	0.57	0.55	0.53	0.52	0.52	0.51	0.49	0.49	-1.0%
OPEC	4.56	4.44	4.79	4.90	5.13	5.39	5.49	5.61	5.74	5.85	5.91	6.00	6.03	6.03	6.00	5.97	5.92	5.90	5.94	6.08	6.16	6.16	1.5%
Latin America	1.22	1.28	1.41	1.43	1.54	1.61	1.63	1.65	1.67	1.69	1.70	1.72	1.73	1.74	1.75	1.76	1.74	1.74	1.76	1.81	1.84	1.84	2.1%
North Africa	0.01	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	11.0%
West Africa	0.88	0.72	0.74	0.73	0.75	0.79	0.80	0.83	0.87	0.87	0.88	0.88	0.89	0.88	0.86	0.85	0.84	0.83	0.84	0.87	0.88	0.88	0.0%
Indonesia	0.04	0.08	0.09	0.09	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	1.1%
Persian Gulf	2.41	2.33	2.51	2.51	2.69	2.83	2.89	2.95	3.01	3.09	3.12	3.18	3.21	3.22	3.22	3.21	3.19	3.19	3.21	3.27	3.31	3.31	1.6%
Other Middle East	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-5.3%
Other Latin America	0.58	0.56	0.62	0.59	0.65	0.67	0.67	0.68	0.67	0.67	0.67	0.67	0.66	0.64	0.62	0.60	0.58	0.58	0.58	0.58	0.58	0.58	0.0%
Other Africa	0.50	0.78	0.79	0.77	0.82	0.87	0.88	0.90	0.91	0.92	0.93	0.95	0.95	0.94	0.92	0.91	0.90	0.90	0.91	0.93	0.95	0.95	3.3%
Other Asia	0.15	0.19	0.19	0.18	0.19	0.22	0.23	0.23	0.24	0.25	0.26	0.27	0.27	0.26	0.25	0.25	0.25	0.25	0.25	0.25	0.24	0.24	2.4%
Light Refined Products 1/																							
Canada	0.39	0.30	0.27	0.33	0.32	0.29	0.30	0.31	0.32	0.34	0.36	0.40	0.41	0.42	0.42	0.44	0.45	0.47	0.49	0.52	0.53	1.5%	
Northern Europe	0.11	0.14	0.12	0.16	0.16	0.16	0.16	0.17	0.18	0.18	0.18	0.17	0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.21	0.21	0.21	3.3%
Southern Europe	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.0%
OPEC	0.26	0.35	0.33	0.46	0.48	0.49	0.50	0.55	0.63	0.71	0.78	0.94	1.05	1.13	1.21	1.29	1.40	1.49	1.60	1.73	1.84	1.84	10.3%
Latin America	0.19	0.22	0.21	0.27	0.27	0.27	0.28	0.30	0.34	0.38	0.42	0.47	0.51	0.56	0.62	0.66	0.71	0.75	0.80	0.86	0.91	0.91	8.1%
North Africa	0.02	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	6.5%
West Africa	0.01	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	5.6%
Indonesia	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.0%
Persian Gulf	0.03	0.05	0.04	0.10	0.11	0.12	0.12	0.14	0.17	0.21	0.25	0.36	0.43	0.47	0.49	0.53	0.59	0.64	0.70	0.77	0.82	0.82	18.0%
Caribbean Basin	0.33	0.33	0.28	0.35	0.36	0.36	0.36	0.38	0.41	0.45	0.50	0.61	0.69	0.75	0.81	0.86	0.92	0.99	1.05	1.11	1.16	1.16	6.5%
Asian Exporters	0.12	0.11	0.11	0.13	0.12	0.12	0.12	0.13	0.15	0.17	0.17	0.17	0.18	0.19	0.19	0.19	0.21	0.23	0.25	0.26	0.26	0.26	3.9%
Other	0.07	0.10	0.10	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.15	0.16	0.16	0.16	0.17	0.17	0.18	0.19	0.20	0.20	0.21	0.21	5.6%

Table 107. Imported Petroleum by Source (2 of 2)
(Million Barrels per Day)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2000-2020	
Heavy Refined Products 2/																							
Canada	0.07	0.07	0.07	0.08	0.09	0.09	0.10	0.09	0.09	0.10	0.10	0.10	0.09	0.10	0.10	0.10	0.10	0.09	0.09	0.08	0.08	0.08	0.7%
Northern Europe	0.14	0.06	0.06	0.07	0.08	0.08	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	-5.0%
Southern Europe	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	-7.7%
OPEC	0.41	0.38	0.34	0.47	0.46	0.48	0.52	0.44	0.48	0.51	0.55	0.52	0.54	0.57	0.58	0.62	0.64	0.67	0.67	0.69	0.70	0.70	2.7%
Latin America	0.13	0.14	0.14	0.17	0.17	0.18	0.20	0.18	0.19	0.20	0.22	0.20	0.20	0.21	0.22	0.24	0.24	0.26	0.26	0.26	0.26	0.26	3.5%
North Africa	0.20	0.13	0.10	0.14	0.13	0.13	0.13	0.11	0.12	0.12	0.11	0.11	0.11	0.11	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	-3.9%
West Africa	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-3.4%
Indonesia	0.01	0.03	0.02	0.03	0.02	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.0%
Persian Gulf	0.05	0.07	0.07	0.12	0.13	0.14	0.16	0.13	0.14	0.16	0.19	0.19	0.21	0.23	0.24	0.26	0.29	0.30	0.30	0.32	0.32	0.33	9.9%
Caribbean Basin	0.21	0.12	0.12	0.15	0.14	0.14	0.15	0.15	0.15	0.15	0.16	0.17	0.19	0.21	0.22	0.25	0.28	0.29	0.30	0.31	0.32	0.32	2.1%
Asian Exporters	0.09	0.06	0.05	0.06	0.05	0.05	0.06	0.04	0.05	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-5.3%
Other	0.08	0.05	0.04	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	-4.8%

1/ Includes gasoline, distillate, jet fuel, and liquefied petroleum gases.

2/ Includes residual fuel oil and other refined products.

OPEC = Organization of Petroleum Exporting Countries - Algeria, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

Caribbean Basin = Bahama Islands, Colombia, Ecuador, Guatemala, Jamaica, Mexico, Netherlands Antilles, Panama, Puerto Rico, Trinidad and Tobago, and the Virgin Islands.

N/A = Not applicable.

Source: Energy Information Administration, AEO2002 National Energy Modeling System run aeo2002.d102001b.