

Table 7.6 Quantity of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Physical Units or Btu.

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bbl)	Natural Gas(c) (billion cu ft)	LPG and NGL(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)	RSE Row Factors
Total United States											
	RSE Column Factors:	0.9	0.9	1.2	1.5	0.9	1.5	0.8	0.6	1.1	
311	Food	1,082	W	2	3	566	1	9	*	40	8.2
311221	Wet Corn Milling	220	W	*	*	59	*	6	0	9	1.1
31131	Sugar	71	733	*	*	22	*	2	*	3	1
311421	Fruit and Vegetable Canning	47	1,987	*	*	35	*	0	0	1	12.6
312	Beverage and Tobacco Products	103	7,898	*	*	45	*	1	0	9	4.4
3121	Beverages	83	6,504	*	*	41	*	*	0	8	5.8
3122	Tobacco	20	1,394	*	*	4	*	*	0	1	0.9
313	Textile Mills	209	25,387	1	*	73	*	W	0	18	17.1
314	Textile Product Mills	59	4,870	*	Q	28	*	*	0	Q	21.8
315	Apparel	30	3,579	*	*	16	*	0	0	*	23.3
316	Leather and Allied Products	7	717	*	*	4	*	0	0	*	8.5
321	Wood Products	552	21,525	*	2	56	1	*	0	401	4
321113	Sawmills	97	6,235	*	1	10	*	0	0	59	6.6
3212	Veneer, Plywood, and Engineered Woods	392	9,696	*	*	32	1	*	0	320	3.7
3219	Other Wood Products	52	5,284	*	*	11	*	0	0	20	9.7
322	Paper	1,520	W	16	2	490	2	11	*	416	2.2
322110	Pulp Mills	81	W	2	1	23	*	0	0	28	0.9
322121	Paper Mills, except Newsprint	644	24,755	8	1	200	*	6	*	159	1.9
322122	Newsprint Mills	93	10,827	1	*	15	*	*	0	27	0.9
322130	Paperboard Mills	573	W	5	1	184	*	4	0	196	2.6
323	Printing and Related Support	98	14,732	*	*	45	*	0	0	1	12.4
324	Petroleum and Coal Products	1,667	41,280	1	2	884	1	Q	*	261	6.3
324110	Petroleum Refineries	1,122	38,603	0	*	829	*	*	0	137	2.5
324199	Other Petroleum and Coal Products	451	430	*	*	4	*	Q	*	118	2.2
325	Chemicals	6,366	160,360	11	2	2,154	748	15	*	490	5.3
325110	Petrochemicals	1,045	W	1	1	202	219	W	0	W	0.9
325120	Industrial Gases	304	W	0	*	64	W	0	0	146	5.1
325181	Alkalies and Chlorine	191	13,274	*	*	97	W	1	0	7	1.4
325182	Carbon Black	75	609	7	*	19	*	0	0	6	0.9
325188	Other Basic Inorganic Chemicals	212	W	*	*	74	2	1	*	15	2
325192	Cyclic Crudes and Intermediates	100	3,443	*	*	42	5	*	0	25	0.9
325193	Ethyl Alcohol	61	1,309	0	*	29	*	1	0	7	5.6
325199	Other Basic Organic Chemicals	1,597	W	1	*	571	160	Q	0	167	8.4
325211	Plastics Materials and Resins	1,721	W	*	*	318	352	1	*	44	5.4
325212	Synthetic Rubber	57	1,916	*	*	28	1	*	0	12	4.1
325222	Noncellulosic Organic Fibers	62	4,377	*	*	31	*	W	0	3	1.6
325311	Nitrogenous Fertilizers	497	3,502	0	*	471	*	*	0	1	1
325312	Phosphatic Fertilizers	41	2,006	*	*	30	*	*	*	1	1
3254	Pharmaceuticals and Medicines	117	10,964	*	*	60	*	*	0	6	4.5
325412	Pharmaceutical Preparation	84	8,498	*	*	39	*	*	0	4	5.9
325992	Photographic Film, Paper, Plate, and Chemicals	29	W	*	*	7	*	W	0	*	7.5
326	Plastics and Rubber Products	350	53,196	1	*	125	2	W	0	4	10.9
327	Nonmetallic Mineral Products	1,054	41,406	*	6	411	1	14	*	125	4.3
3272	Glass and Glass Products	203	12,213	*	*	149	*	*	0	6	2.2
327211	Flat Glass	64	1,842	*	*	51	*	*	0	4	0.9
327213	Glass Containers	66	3,932	0	*	51	*	0	0	*	0.9
327310	Cements	399	12,462	*	1	21	*	11	*	80	2

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NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bb)	Natural Gas(c) (billion cu ft)	LPG and NGL(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)	RSE Row Factors
327410	Lime	108	1,353	*	*	7	*	3	*	27	1
327993	Mineral Wool	51	3,720	0	*	34	*	0	*	*	2.1
331	Primary Metals	2,245	W	*	3	686	1	20	14	178	1.8
331111	Iron and Steel Mills	1,461	54,356	*	2	406	*	19	13	25	2.1
331112	Electrometallurgical Ferroalloy Products	28	3,555	0	*	7	*	*	*	2	3.9
3312	Steel Products from Purchased Steel	47	4,611	*	*	23	*	*	*	6	12.3
3313	Alumina and Aluminum	450	W	*	*	132	*	*	*	140	1.6
331312	Primary Aluminum	305	W	*	*	19	*	*	0	136	0.9
3314	Nonferrous Metals, except Aluminum	100	W	*	*	43	*	*	*	4	4.3
3315	Foundries	158	15,896	*	*	75	*	*	1	1	2.1
331511	Iron Foundries	80	8,214	0	*	27	*	*	1	1	2.6
331521	Aluminum Die-Casting Foundries	23	1,897	*	*	16	*	0	0	*	2.4
331524	Aluminum Foundries, except Die-Casting	19	1,350	*	*	14	*	0	0	*	4.7
332	Fabricated Metal Products	390	47,121	*	1	204	1	*	*	3	16.3
333	Machinery	177	24,487	*	*	80	1	*	0	5	10
334	Computer and Electronic Products	307	38,428	*	*	64	*	*	0	109	10.9
334413	Semiconductors and Related Devices	173	13,027	*	*	21	*	0	0	107	2.7
335	Electrical Equip., Appliances, and Components	174	W	*	*	52	*	*	*	72	13.6
336	Transportation Equipment	428	W	1	1	196	1	*	*	31	5.5
336112	Light Trucks and Utility Vehicles	58	4,889	*	*	35	*	*	0	4	0.9
337	Furniture and Related Products	74	7,112	*	*	24	*	*	0	Q	12
339	Miscellaneous	71	10,371	*	*	31	*	0	0	2	9.3
	Total	16,965	844,583	35	25	6,234	762	85	15	2,189	2.9
Northeast Census Region											
	RSE Column Factors:	1	1.2	1	1.7	1	1.7	0.7	0.4	1.1	
311	Food	92	6,570	1	1	54	*	*	0	4	21.5
311221	Wet Corn Milling	*	W	*	*	0	0	0	0	*	0.9
31131	Sugar	W	W	*	*	W	*	0	0	*	0.8
311421	Fruit and Vegetable Canning	5	343	*	*	3	*	0	0	*	10
312	Beverage and Tobacco Products	13	W	*	*	7	*	0	0	*	5.3
3121	Beverages	12	W	*	*	7	*	0	0	*	5.8
3122	Tobacco	1	W	*	*	*	*	0	0	*	0.8
313	Textile Mills	24	1,340	*	*	13	*	0	0	*	23.3
314	Textile Product Mills	4	425	*	*	2	*	*	0	*	3.7
315	Apparel	6	567	0	*	4	*	0	0	0	26.3
316	Leather and Allied Products	2	111	*	*	1	*	0	0	*	10.5
321	Wood Products	25	1,390	*	*	4	*	0	0	13	10.9
321113	Sawmills	6	380	*	*	*	*	0	0	2	4.2
3212	Veneer, Plywood, and Engineered Woods	7	316	*	*	2	*	0	0	4	8.4
3219	Other Wood Products	11	682	*	*	2	*	0	0	6	17
322	Paper	206	W	6	*	72	*	1	0	45	3.7
322110	Pulp Mills	*	W	*	*	*	*	0	0	0	4.9
322121	Paper Mills, except Newsprint	142	W	4	*	46	*	1	0	37	2.9
322122	Newsprint Mills	6	W	1	*	0	0	0	0	0	0.8
322130	Paperboard Mills	32	985	1	*	14	*	*	0	8	2.3
323	Printing and Related Support	23	3,164	*	*	11	*	0	0	*	18.4
324	Petroleum and Coal Products	111	3,326	*	1	44	*	W	*	10	6.7
324110	Petroleum Refineries	56	2,808	0	0	36	0	*	0	8	2

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324199	Other Petroleum and Coal Products	31	71	*	*	*	*	W	*	*	1
325	Chemicals	178	12,721	1	1	71	5	W	0	17	5
325110	Petrochemicals	*	19	0	*	*	0	0	0	*	1.7
325120	Industrial Gases	11	1,961	0	*	1	0	0	0	W	0.9
325181	Alkalies and Chlorine	8	W	*	*	*	*	0	0	2	0.9
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	13	W	*	*	6	*	0	0	Q	2.7
325192	Cyclic Crudes and Intermediates	6	205	*	*	W	*	0	0	*	0.8
325193	Ethyl Alcohol	*	*	0	0	*	0	0	0	*	0.9
325199	Other Basic Organic Chemicals	17	772	*	*	W	*	0	0	5	5.7
325211	Plastics Materials and Resins	31	W	*	*	6	W	0	0	3	7.8
325212	Synthetic Rubber	1	50	0	*	*	*	0	0	*	0.8
325222	Noncellulosic Organic Fibers	*	W	*	0	*	*	0	0	*	5.4
325311	Nitrogenous Fertilizers	2	74	0	*	1	0	0	0	*	0.8
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	44	3,038	*	*	30	*	0	0	1	7
325412	Pharmaceutical Preparation	31	2,328	*	*	20	*	0	0	1	9.2
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	*	*	3	*	W	0	*	4.3
326	Plastics and Rubber Products	46	7,560	*	*	14	*	*	0	1	8
327	Nonmetallic Mineral Products	150	6,608	*	1	62	*	W	*	18	5.2
3272	Glass and Glass Products	40	W	*	*	29	*	*	0	2	2.9
327211	Flat Glass	11	W	0	*	9	*	*	0	*	0.9
327213	Glass Containers	13	W	0	*	10	*	0	0	*	0.8
327310	Cements	55	W	*	*	*	*	W	*	15	1
327410	Lime	6	W	0	*	*	*	*	0	1	0.9
327993	Mineral Wool	5	346	0	*	3	*	0	*	*	2.9
331	Primary Metals	373	15,135	*	*	67	*	8	*	22	4.1
331111	Iron and Steel Mills	276	6,072	0	*	37	*	8	*	1	4
331112	Electrometallurgical Ferroalloy Products	2	W	0	*	*	*	*	0	*	0.9
3312	Steel Products from Purchased Steel	10	W	*	*	3	*	*	*	Q	15.8
3313	Alumina and Aluminum	W	W	*	*	11	*	0	0	W	1.1
331312	Primary Aluminum	W	W	*	*	1	*	0	0	W	0.8
3314	Nonferrous Metals, except Aluminum	26	W	*	*	8	*	*	*	1	4.1
3315	Foundries	14	W	*	*	7	*	*	*	*	4.4
331511	Iron Foundries	7	607	0	*	3	*	*	*	*	3.5
331521	Aluminum Die-Casting Foundries	1	52	0	*	*	*	0	0	*	3.3
331524	Aluminum Foundries, except Die-Casting	3	209	*	*	2	*	0	0	*	1.4
332	Fabricated Metal Products	55	6,456	*	*	28	*	*	*	1	18.7
333	Machinery	28	3,685	*	*	12	*	0	0	Q	15.6
334	Computer and Electronic Products	62	11,184	*	*	20	*	*	0	1	27.9
334413	Semiconductors and Related Devices	14	2,390	*	*	5	*	0	0	1	3.3
335	Electrical Equip., Appliances, and Components	18	W	*	*	10	*	0	0	*	14.1
336	Transportation Equipment	49	4,049	1	*	20	*	0	0	11	5.1
336112	Light Trucks and Utility Vehicles	2	W	0	*	1	*	0	0	*	0.8
337	Furniture and Related Products	7	831	0	*	3	*	0	0	*	14
339	Miscellaneous	21	2,519	*	*	9	*	0	0	Q	9.9
	Total	1,493	100,138	10	5	527	7	13	*	147	3.1

Midwest Census Region

RSE Column Factors:

0.9 1 1 1.3 1.2 1.6 0.5 0.8 1.1

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311	Food	539	W	1	*	245	*	W	*	20	10.7
311221	Wet Corn Milling	195	5,955	*	*	51	*	5	0	6	1
31131	Sugar	30	379	*	*	5	*	1	*	*	1
311421	Fruit and Vegetable Canning	7	397	*	*	5	*	0	0	*	3.3
312	Beverage and Tobacco Products	23	1,392	*	*	10	*	*	0	1	5.3
3121	Beverages	22	W	*	*	10	*	*	0	*	5.9
3122	Tobacco	1	W	0	*	*	*	0	0	1	0.9
313	Textile Mills	3	313	0	*	1	*	0	0	*	13.1
314	Textile Product Mills	2	307	0	0	1	*	0	0	*	18.8
315	Apparel	1	184	0	0	1	*	0	0	*	10.2
316	Leather and Allied Products	4	428	0	*	3	*	0	0	*	20.6
321	Wood Products	71	3,127	*	*	12	*	*	0	45	3.4
321113	Sawmills	3	428	*	*	1	*	0	0	1	5.3
3212	Veneer, Plywood, and Engineered Woods	53	1,103	*	*	6	*	*	0	41	2.2
3219	Other Wood Products	14	1,558	0	*	5	*	0	0	3	11
322	Paper	300	W	1	*	97	Q	4	*	54	3.5
322110	Pulp Mills	W	W	0	*	2	*	*	0	*	1
322121	Paper Mills, except Newsprint	176	W	1	*	51	W	3	*	24	2.3
322122	Newsprint Mills	4	W	0	*	*	*	*	0	W	1
322130	Paperboard Mills	69	2,432	*	*	21	*	1	0	25	5.8
323	Printing and Related Support	33	5,171	0	*	14	*	0	0	*	12.5
324	Petroleum and Coal Products	149	6,860	*	*	97	*	0	0	22	4.9
324110	Petroleum Refineries	105	6,149	0	0	79	*	0	0	3	1.4
324199	Other Petroleum and Coal Products	18	60	0	*	*	*	0	0	17	0.9
325	Chemicals	652	29,403	1	*	241	39	W	*	87	5.1
325110	Petrochemicals	W	W	0	*	2	W	0	0	*	0.9
325120	Industrial Gases	Q	6,276	0	0	W	0	0	0	W	1.3
325181	Alkalies and Chlorine	Q	W	0	*	1	*	*	0	*	2.8
325182	Carbon Black	W	W	1	0	1	*	0	0	*	0.9
325188	Other Basic Inorganic Chemicals	39	2,122	*	*	19	2	*	*	5	2
325192	Cyclic Crudes and Intermediates	7	W	*	*	W	*	0	0	*	0.9
325193	Ethyl Alcohol	58	1,251	0	*	28	*	1	0	6	5.8
325199	Other Basic Organic Chemicals	56	4,081	0	*	20	*	*	0	14	2.1
325211	Plastics Materials and Resins	166	4,322	*	*	20	W	*	*	7	2.2
325212	Synthetic Rubber	5	W	0	*	1	*	*	0	*	1.8
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	88	1,071	0	*	81	0	0	0	1	0.9
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	41	4,114	*	*	17	*	*	0	1	5.4
325412	Pharmaceutical Preparation	34	3,637	*	*	12	*	*	0	*	2.7
325992	Photographic Film, Paper, Plate, and Chemicals	1	W	0	0	*	*	0	0	0	3.8
326	Plastics and Rubber Products	140	19,789	*	*	47	1	W	0	1	14.6
327	Nonmetallic Mineral Products	292	10,689	*	2	109	*	W	*	47	4.9
3272	Glass and Glass Products	58	3,618	0	*	43	*	0	0	1	1.6
327211	Flat Glass	19	W	0	*	16	*	0	0	1	0.9
327213	Glass Containers	16	W	0	*	13	*	0	0	*	0.9
327310	Cements	103	3,050	*	*	5	*	W	*	30	2.8
327410	Lime	48	487	*	*	4	*	1	*	13	1
327993	Mineral Wool	20	1,427	0	*	13	*	0	*	*	1.4
331	Primary Metals	1,098	W	*	1	353	*	9	10	59	2.2

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331111	Iron and Steel Mills	830	22,772	*	1	245	*	9	9	20	2.2
331112	Electrometallurgical Ferroalloy Products	19	2,337	0	*	6	*	*	*	2	1
3312	Steel Products from Purchased Steel	23	2,160	0	*	14	*	0	0	2	11.3
3313	Alumina and Aluminum	103	W	0	*	30	*	0	0	34	3.3
331312	Primary Aluminum	70	W	0	*	5	*	0	0	32	0.9
3314	Nonferrous Metals, except Aluminum	28	W	*	*	13	*	*	*	1	4.9
3315	Foundries	95	9,810	*	*	46	*	*	1	1	2.7
331511	Iron Foundries	50	5,634	0	*	16	*	*	1	1	3.9
331521	Aluminum Die-Casting Foundries	17	1,510	*	*	12	*	0	0	*	2.9
331524	Aluminum Foundries, except Die-Casting	11	828	0	*	8	*	0	0	*	3.9
332	Fabricated Metal Products	184	21,309	*	*	98	*	*	*	1	15.9
333	Machinery	92	11,513	0	*	46	*	*	0	2	11.4
334	Computer and Electronic Products	32	5,270	0	*	13	*	0	0	1	10
334413	Semiconductors and Related Devices	3	594	0	*	1	*	0	0	*	1.5
335	Electrical Equip., Appliances, and Components	39	4,949	*	*	18	*	*	0	3	5.8
336	Transportation Equipment	239	W	*	*	116	1	*	*	14	12.5
336112	Light Trucks and Utility Vehicles	36	W	*	*	23	*	*	0	1	1
337	Furniture and Related Products	22	2,294	0	*	11	*	*	0	Q	13.2
339	Miscellaneous	19	2,786	0	*	9	*	0	0	*	11.5
	Total	3,935	247,463	3	5	1,542	44	29	11	359	4.7
South Census Region											
RSE Column Factors:		1	1	1	1.3	1	1.5	0.7	0.6	1.1	
311	Food	279	23,096	Q	1	165	1	*	0	9	10.3
311221	Wet Corn Milling	20	1,070	0	*	5	*	*	0	4	0.9
31131	Sugar	W	210	*	*	W	*	*	0	*	0.9
311421	Fruit and Vegetable Canning	14	541	*	*	10	*	0	0	*	8.9
312	Beverage and Tobacco Products	45	3,632	*	*	18	*	*	0	1	3.3
3121	Beverages	27	2,278	*	*	15	*	*	0	1	3.6
3122	Tobacco	18	1,354	*	*	3	*	*	0	*	0.9
313	Textile Mills	172	22,798	*	*	51	*	W	0	17	19.8
314	Textile Product Mills	51	3,924	*	*	23	*	*	0	Q	21
315	Apparel	15	1,956	*	*	7	*	0	0	*	22.2
316	Leather and Allied Products	1	143	0	*	*	*	0	0	*	9.7
321	Wood Products	137	W	*	1	25	1	*	0	63	9
321113	Sawmills	41	W	0	*	3	*	0	0	25	14.2
3212	Veneer, Plywood, and Engineered Woods	67	5,985	*	*	17	*	*	0	26	8.3
3219	Other Wood Products	20	2,168	0	*	3	*	0	0	9	16.4
322	Paper	800	W	8	2	237	*	6	0	247	2
322110	Pulp Mills	67	W	2	1	18	*	*	0	27	0.9
322121	Paper Mills, except Newsprint	261	W	2	*	77	*	3	0	75	1.5
322122	Newsprint Mills	43	4,866	*	*	10	*	*	0	W	0.9
322130	Paperboard Mills	383	W	4	*	106	*	3	0	135	3.3
323	Printing and Related Support	28	4,527	*	*	11	*	0	0	*	9.1
324	Petroleum and Coal Products	1,124	23,956	*	1	552	*	W	*	170	6
324110	Petroleum Refineries	731	22,895	0	*	533	*	0	0	105	1.4
324199	Other Petroleum and Coal Products	Q	258	0	*	2	*	W	*	63	1.7
325	Chemicals	5,338	106,525	9	1	1,727	704	11	*	374	5.6
325110	Petrochemicals	W	W	1	0	200	W	W	0	W	0.9

Table 7.6 Quantity of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Physical Units or Btu.

NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bb)	Natural Gas(c) (billion cu ft)	LPG and NGL(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)	RSE Row Factors
325120	Industrial Gases	206	W	0	*	54	W	0	0	Q	3.8
325181	Alkalies and Chlorine	148	9,602	0	*	W	W	*	0	W	0.9
325182	Carbon Black	W	W	6	*	18	*	0	0	6	0.9
325188	Other Basic Inorganic Chemicals	115	W	*	*	36	*	*	0	6	2.7
325192	Cyclic Crudes and Intermediates	86	2,980	*	*	31	5	*	0	24	0.9
325193	Ethyl Alcohol	*	12	0	*	*	*	0	0	*	0.9
325199	Other Basic Organic Chemicals	1,518	W	1	*	541	160	Q	0	145	9.4
325211	Plastics Materials and Resins	1,522	W	*	*	291	314	Q	0	33	3.4
325212	Synthetic Rubber	51	W	*	*	26	1	*	0	12	4.7
325222	Noncellulosic Organic Fibers	62	W	*	*	31	*	W	0	3	0.9
325311	Nitrogenous Fertilizers	342	1,894	0	*	326	*	0	0	*	0.9
325312	Phosphatic Fertilizers	33	1,422	*	*	24	*	*	*	*	1
3254	Pharmaceuticals and Medicines	23	2,740	*	*	8	*	0	0	4	8.6
325412	Pharmaceutical Preparation	14	1,868	*	*	4	*	0	0	3	12.2
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	*	*	2	*	0	0	*	4.2
326	Plastics and Rubber Products	141	21,454	1	*	56	*	0	0	2	13.7
327	Nonmetallic Mineral Products	428	17,561	*	2	180	*	6	*	45	5.7
3272	Glass and Glass Products	81	5,075	*	*	60	*	*	0	2	2
327211	Flat Glass	26	840	*	*	21	*	*	0	2	0.9
327213	Glass Containers	22	1,233	0	*	18	*	0	0	*	0.9
327310	Cements	152	4,839	0	*	10	*	4	*	23	3.8
327410	Lime	40	575	0	*	3	*	1	0	11	0.9
327993	Mineral Wool	21	1,418	0	*	14	*	0	*	*	3.4
331	Primary Metals	667	W	*	*	227	*	2	4	80	2.1
331111	Iron and Steel Mills	322	21,837	*	*	107	*	2	4	2	1.8
331112	Electrometallurgical Ferroalloy Products	7	W	0	*	*	*	*	*	*	14.3
3312	Steel Products from Purchased Steel	11	W	0	*	5	*	*	0	1	13.8
3313	Alumina and Aluminum	257	W	0	*	83	*	*	*	76	2.6
331312	Primary Aluminum	167	W	0	*	11	*	*	0	74	0.9
3314	Nonferrous Metals, except Aluminum	29	3,205	0	*	14	*	*	*	1	5
3315	Foundries	41	4,079	0	*	18	*	*	*	*	1.5
331511	Iron Foundries	21	1,804	0	*	7	*	*	*	*	1.6
331521	Aluminum Die-Casting Foundries	4	274	0	*	3	*	0	0	*	1.7
331524	Aluminum Foundries, except Die-Casting	4	244	0	*	3	*	0	0	*	3.5
332	Fabricated Metal Products	121	15,240	*	*	64	*	*	0	1	17.9
333	Machinery	43	7,116	0	*	16	*	0	0	1	13.9
334	Computer and Electronic Products	40	9,202	0	*	8	*	0	0	*	8.2
334413	Semiconductors and Related Devices	16	3,664	0	*	3	*	0	0	*	3.1
335	Electrical Equip., Appliances, and Components	108	6,026	*	*	18	*	*	*	68	16.4
336	Transportation Equipment	103	14,164	*	*	43	*	*	0	5	5.3
336112	Light Trucks and Utility Vehicles	20	W	0	*	11	*	0	0	2	0.9
337	Furniture and Related Products	40	3,181	0	*	8	*	*	0	Q	22.9
339	Miscellaneous	19	3,041	*	*	8	*	0	0	*	16.8
	Total	9,697	390,727	20	10	3,445	709	38	4	1,105	3.4
West Census Region											
	RSE Column Factors:	1.1	1.3	0.8	1.5	1.3	1.9	0.6	0.5	0.8	
311	Food	171	W	*	1	102	*	W	*	7	7.7
311221	Wet Corn Milling	4	W	0	*	4	*	0	0	*	3.4

Table 7.6 Quantity of Purchased Energy Sources, 2002;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources;
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NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bb)	Natural Gas(c) (billion cu ft)	LPG and NGL(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)	RSE Row Factors
31131	Sugar	23	W	*	*	W	*	1	*	3	1
311421	Fruit and Vegetable Canning	20	706	*	*	17	*	0	0	*	7.1
312	Beverage and Tobacco Products	23	W	0	*	9	*	0	0	7	3.9
3121	Beverages	23	W	0	*	9	*	0	0	7	3.9
3122	Tobacco	*	*	0	0	0	0	0	0	0	0.8
313	Textile Mills	10	936	0	0	Q	*	0	0	*	9.9
314	Textile Product Mills	2	215	0	0	1	*	0	0	0	17
315	Apparel	8	872	0	*	Q	*	0	0	*	27
316	Leather and Allied Products	*	36	0	*	*	0	0	0	0	29
321	Wood Products	319	W	*	*	15	*	0	0	281	4.6
321113	Sawmills	47	W	*	*	6	*	0	0	31	7.5
3212	Veneer, Plywood, and Engineered Woods	264	2,293	0	*	7	*	0	0	248	2.9
3219	Other Wood Products	6	876	0	*	2	*	0	0	Q	9.6
322	Paper	214	W	1	*	85	*	*	0	70	1.5
322110	Pulp Mills	W	402	*	*	3	*	0	0	1	0.8
322121	Paper Mills, except Newsprint	64	3,583	*	*	25	*	0	0	23	1.8
322122	Newsprint Mills	39	4,756	*	*	5	*	0	0	16	0.8
322130	Paperboard Mills	89	W	*	*	42	*	*	0	29	1.3
323	Printing and Related Support	15	1,870	0	*	8	*	0	0	*	16.8
324	Petroleum and Coal Products	283	7,139	0	*	192	*	0	0	59	7.1
324110	Petroleum Refineries	230	6,752	0	0	181	0	0	0	21	5.9
324199	Other Petroleum and Coal Products	40	41	0	*	2	0	0	0	38	0.9
325	Chemicals	198	11,711	*	*	115	*	1	*	13	3.6
325110	Petrochemicals	0	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	13	3,166	0	0	W	*	0	0	0	1.2
325181	Alkalies and Chlorine	31	W	0	*	W	*	*	0	W	0.9
325182	Carbon Black	*	W	*	0	*	*	0	0	0	0.8
325188	Other Basic Inorganic Chemicals	44	2,907	*	*	13	*	1	*	3	1.6
325192	Cyclic Crudes and Intermediates	1	W	*	*	*	*	0	0	*	0.8
325193	Ethyl Alcohol	2	47	0	*	1	*	0	0	1	0.8
325199	Other Basic Organic Chemicals	7	296	*	*	W	*	0	0	3	3.9
325211	Plastics Materials and Resins	3	W	0	*	1	*	0	0	*	3.1
325212	Synthetic Rubber	*	18	0	0	*	*	0	0	*	0.8
325222	Noncellulosic Organic Fibers	*	2	0	0	0	*	0	0	0	0.7
325311	Nitrogenous Fertilizers	66	463	0	*	63	*	*	0	*	0.9
325312	Phosphatic Fertilizers	8	584	0	*	6	*	0	0	*	0.8
3254	Pharmaceuticals and Medicines	9	1,071	0	*	5	*	0	0	*	4
325412	Pharmaceutical Preparation	5	665	0	*	3	*	0	0	*	4.1
325992	Photographic Film, Paper, Plate, and Chemicals	3	W	0	*	2	*	0	0	0	0.7
326	Plastics and Rubber Products	24	4,393	0	*	8	*	0	0	*	14.5
327	Nonmetallic Mineral Products	184	6,549	*	2	60	*	W	*	15	3.7
3272	Glass and Glass Products	24	W	*	*	16	*	0	0	1	1
327211	Flat Glass	8	W	*	*	5	*	0	0	1	0.8
327213	Glass Containers	14	W	0	*	10	*	0	0	*	0.8
327310	Cements	89	W	*	*	5	*	3	*	12	1.3
327410	Lime	15	W	*	*	1	*	0	0	2	0.9
327993	Mineral Wool	5	528	0	*	3	*	0	*	*	1.1
331	Primary Metals	107	W	0	*	38	*	*	*	17	1.6
331111	Iron and Steel Mills	34	3,676	0	*	17	*	*	*	2	2.9
331112	Electrometallurgical Ferroalloy Products	*	W	0	*	*	*	0	0	*	0.8
3312	Steel Products from Purchased Steel	2	W	0	*	1	*	0	0	*	2.6

Table 7.6 Quantity of Purchased Energy Sources, 2002;
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NAICS Code(a)	Subsector and Industry	Total (trillion Btu)	Electricity (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(b) (million bb)	Natural Gas(c) (billion cu ft)	LPG and NGL(d) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(e) (trillion Btu)	RSE Row Factors
3313	Alumina and Aluminum	W	W	0	*	8	*	0	0	W	1.5
331312	Primary Aluminum	W	W	0	*	2	*	0	0	W	0.9
3314	Nonferrous Metals, except Aluminum	18	W	0	*	8	*	0	*	*	3.8
3315	Foundries	8	W	0	*	4	*	*	*	*	2.3
331511	Iron Foundries	3	169	0	*	1	*	*	*	*	1.1
331521	Aluminum Die-Casting Foundries	1	61	0	0	*	*	0	0	*	12.7
331524	Aluminum Foundries, except Die-Casting	1	69	0	*	1	*	0	0	*	2.6
332	Fabricated Metal Products	30	4,116	0	*	15	*	0	0	Q	8.9
333	Machinery	14	2,173	0	*	6	*	0	0	*	11.9
334	Computer and Electronic Products	174	12,771	*	*	23	*	0	0	107	4.5
334413	Semiconductors and Related Devices	140	6,379	0	*	12	*	0	0	106	3.7
335	Electrical Equip., Appliances, and Components	10	912	0	*	Q	*	0	0	*	6.7
336	Transportation Equipment	36	4,733	0	*	18	*	0	0	1	13.3
336112	Light Trucks and Utility Vehicles	*	W	0	*	*	*	0	0	*	0.8
337	Furniture and Related Products	5	807	*	*	2	*	0	0	*	13.6
339	Miscellaneous	12	2,025	0	*	5	*	0	0	*	17.9
	Total	1,841	106,254	1	5	720	2	5	*	578	3

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).

(b) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

(c) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(d) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids '(NGL).'

(e) 'Other' energy sources include such combustible energy sources as wood waste, hydrogen, and waste oils and tars.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding. 'Purchases' exclude quantities that are transferred in from other establishments of the same company, quantities purchased by a central purchasing office offsite, and quantities for which payment is made in-kind.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2002 Manufacturing Energy Consumption Survey.'