

Originally Released: July 2009
 Revised: October 2009
 Next MECS will be conducted in 2010

Table 1.1 First Use of Energy for All Purposes (Fuel and Nonfuel), 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources and Shipments;
Unit: Physical Units or Btu.

NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
Total United States											
311	Food	1,186	73,440	4	3	620	1	7	*	105	*
3112	Grain and Oilseed Milling	318	15,464	*	*	117	*	5	0	29	*
311221	Wet Corn Milling	179	6,746	*	*	51	*	4	0	9	0
31131	Sugar Manufacturing	82	968	1	*	17	*	1	*	20	0
3114	Fruit and Vegetable Preserving and Specialty Food	169	9,708	*	*	123	*	*	0	4	0
3115	Dairy Product	121	10,079	*	*	80	*	*	0	1	0
3116	Animal Slaughtering and Processing	226	17,545	1	1	141	*	0	0	12	0
312	Beverage and Tobacco Products	107	8,858	*	*	40	*	1	0	11	0
3121	Beverages	95	7,607	*	*	37	*	1	0	11	0
3122	Tobacco	12	1,250	*	*	3	*	*	0	*	0
313	Textile Mills	178	19,224	*	*	63	*	1	0	12	0
314	Textile Product Mills	72	5,920	*	*	45 ^R	* ^R	*	0	*	0
315	Apparel	14	2,013	*	*	7	*	0	0	*	0
316	Leather and Allied Products	3	413	*	*	1	*	0	0	*	0
321	Wood Products	451	26,723	1	4	84	1	Q	*	228	0
321113	Sawmills	139	6,724	*	2	12	*	0	0	94	0
3212	Veneer, Plywood, and Engineered Woods	169	9,902	*	*	44	1	*	0	84	0
3219	Other Wood Products	131	9,734	*	Q	27	*	Q	*	Q	0
322	Paper	2,354 ^R	72,518 ^R	15	2	461	1	10	0	1,302	0
322110	Pulp Mills	200	1,621	2	1	13	*	*	0	160	0
322121	Paper Mills, except Newsprint	939	22,872	8	*	169	*	6	0	515	0
322122	Newsprint Mills	72	9,486	*	*	8	*	1	0	15	0
322130	Paperboard Mills	827 ^R	21,868 ^R	5	1	138	*	3	0	502	0
323	Printing and Related Support	85	13,079	*	*	38	*	0	0	*	0
324	Petroleum and Coal Products	6,864 ^R	40,134 ^R	9	6	825	305	5	*	5,744 ^R	89
324110	Petroleum Refineries	6,629 ^R	37,155 ^R	8	1	766 ^R	304	*	0	5,625 ^R	0
324199	Other Petroleum and Coal Products	138	117	0	*	3	*	5	*	117	85
325	Chemicals	5,149 ^R	151,595 ^R	14	1	1,697 ^R	646 ^R	8	*	707 ^R	406 ^R
325110	Petrochemicals	1,006 ^R	4,740 ^R	1	*	107	W	0	0	W	237 ^R
325120	Industrial Gases	136	20,838 ^R	0	*	61	*	0	0	3	*
325181	Alkalies and Chlorine	153	6,086	0	*	104	*	1	0	9	0
325182	Carbon Black	85 ^R	594	10	*	16	*	0	0	*	0
325188	Other Basic Inorganic Chemicals	214	24,132	1	*	62	2	1	*	23	*
325192	Cyclic Crudes and Intermediates	37	2,566	0	*	15	*	*	0	13	*
325193	Ethyl Alcohol	114	2,717	0	*	81	*	1	0	1	0
325199	Other Basic Organic Chemicals	1,017	21,433	*	*	370	W	3	0	W	48
325211	Plastics Materials and Resins	1,547	19,180	*	*	334	331	*	*	43	104
325212	Synthetic Rubber	44	1,661	*	*	26	*	*	0	6	0
325222	Noncellulosic Organic Fibers	88	4,841	*	*	40	*	*	0	20	1
325311	Nitrogenous Fertilizers	302	2,430	0	*	285	*	0	0	1	0
325312	Phosphatic Fertilizers	27	1,489	*	*	18	*	*	0	*	0
3254	Pharmaceuticals and Medicines	92	9,207 ^R	*	*	45	*	*	0	6	0
325412	Pharmaceutical Preparation	64	6,332 ^R	*	*	30	*	*	0	4	0
325992	Photographic Film, Paper, Plate, and Chemicals	28	1,044	*	*	7	*	1	0	Q	0
326	Plastics and Rubber Products	337 ^R	53,404	1	1	125 ^R	1	*	0	*	0
327	Nonmetallic Mineral Products	1,114 ^R	42,976 ^R	1	5	447 ^R	1	14	*	138	0
327211	Flat Glass	69	1,903	*	*	50	*	*	0	9	0
327212	Other Pressed and Blown Glass and Glassware	94	5,121	0	*	Q	*	0	0	13	0

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NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
327213	Glass Containers	64	3,944	0	*	49	*	0	0	*	0
327215	Glass Products from Purchased Glass	65 ^R	3,670 ^R	0	*	50 ^R	*	*	0	*	0
327310	Cements	382	11,992	*	1	19	*	11	*	77	0
327410	Lime	116	1,431	*	*	5	*	4	*	22	0
327420	Gypsum	86	1,845	*	*	74	*	0	0	2	0
327993	Mineral Wool	51	4,032	0	*	34	*	0	*	*	0
331	Primary Metals	1,736 ^R	134,325 ^R	3	1	609 ^R	1	17	10	139 ^R	145
331111	Iron and Steel Mills	1,040 ^R	51,198	3	1	349 ^R	*	16	9	39	145
331112	Electrometallurgical Ferroalloy Products	22	3,111	0	*	1	*	*	*	3	0
3312	Steel Products from Purchased Steel	56	4,396	0	*	26	*	*	*	14	0
3313	Alumina and Aluminum	307	44,515 ^R	*	*	121	*	*	0	28 ^R	0
331314	Secondary Smelting and Alloying of Aluminum	21	611	*	*	17	*	*	0	*	0
331315	Aluminum Sheet, Plate and Foils	52	3,871	0	*	36	*	0	0	2	0
331316	Aluminum Extruded Products	25	1,994 ^R	*	*	17	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	147 ^R	14,323	*	*	42	*	*	*	Q	0
3315	Foundries	164	16,781	*	*	71	*	*	1	15	*
331511	Iron Foundries	84	8,563	*	*	23	*	0	1	15	*
331521	Aluminum Die-Casting Foundries	22	1,937	0	*	15	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	18	1,134	*	*	13	*	0	0	*	0
332	Fabricated Metal Products	396	41,965	*	*	234	1	0	*	Q	0
333	Machinery	204	32,394	*	*	82	1	*	0	2	0
334	Computer and Electronic Products	142	27,509	*	*	44	*	0	0	2	0
334413	Semiconductors and Related Devices	64	12,747	*	*	18	*	0	0	2	0
335	Electrical Equip., Appliances, and Components	103	12,867	0	*	40	*	*	0	21	5
336	Transportation Equipment	477	57,169 ^R	1	*	242	1	*	*	13	0
336111	Automobiles	39	3,885	*	*	21	*	*	0	2	0
336112	Light Trucks and Utility Vehicles	43	4,516	*	*	24	*	*	0	2	0
3364	Aerospace Product and Parts	78	11,430	*	*	30	*	*	0	4	0
336411	Aircraft	20	3,400	*	*	8	*	0	0	*	0
337	Furniture and Related Products	61	9,264	*	*	16	*	*	0	8	0
339	Miscellaneous	66	9,677	*	*	24	*	0	0	Q	0
	Total	21,098 ^R	835,467 ^R	50	25	5,744 ^R	962 ^R	64	11	8,443 ^R	645 ^R

Northeast Census Region

311	Food	59	5,441	1	*	32	*	0	0	Q	0
3112	Grain and Oilseed Milling	4	506	*	*	2	*	0	0	*	0
311221	Wet Corn Milling	*	11	*	*	0	0	0	0	*	0
31131	Sugar Manufacturing	3	6	0	*	3	*	0	0	*	0
3114	Fruit and Vegetable Preserving and Specialty Foo	7	690	*	*	3	*	0	0	Q	0
3115	Dairy Product	13	1,223	*	*	7	*	0	0	*	0
3116	Animal Slaughtering and Processing	4	586	0	*	2	*	0	0	*	0
312	Beverage and Tobacco Products	12	1,112	*	*	6	*	0	0	*	0
3121	Beverages	11	1,090	*	*	6	*	0	0	*	0
3122	Tobacco	1	23	*	*	*	*	0	0	0	0
313	Textile Mills	14	1,378	*	*	7	*	0	0	0	0
314	Textile Product Mills	4	485	0	*	1	*	*	0	0	0
315	Apparel	1	132	0	*	*	*	0	0	0	0
316	Leather and Allied Products	1	175	*	*	*	*	0	0	0	0
321	Wood Products	25	1,804	*	*	6	*	0	0	11	0
321113	Sawmills	9	522	*	*	Q	*	0	0	5	0

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3212	Veneer, Plywood, and Engineered Woods	8	564	0	*	3	*	0	0	2	0
3219	Other Wood Products	8	704	0	*	2	*	0	0	4	0
322	Paper	213 ^R	6,358 ^R	4	*	63	*	1	0	82	0
322110	Pulp Mills	11	114	*	*	*	*	0	0	9	0
322121	Paper Mills, except Newsprint	147	2,099	3	*	39	*	1	0	65	0
322122	Newsprint Mills	4	526	*	*	0	*	0	0	0	0
322130	Paperboard Mills	21 ^R	1,161 ^R	*	*	10	*	0	0	4	0
323	Printing and Related Support	13	1,947	*	*	5	*	0	0	*	0
324	Petroleum and Coal Products	528	3,868 ^R	2	1	45	62	*	*	436	0
324110	Petroleum Refineries	498	2,987 ^R	1	*	37	62	*	0	435	0
324199	Other Petroleum and Coal Products	8	282	0	*	*	*	*	*	*	0
325	Chemicals	150	11,110 ^R	2	*	64	2	1	0	10	Q
325110	Petrochemicals	*	19	0	*	*	*	0	0	*	0
325120	Industrial Gases	11	2,048	0	0	2	*	0	0	2	0
325181	Alkalies and Chlorine	7	1,664	0	*	1	*	0	0	*	0
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	11	866	1	*	2	*	0	0	*	0
325192	Cyclic Crudes and Intermediates	6	178	0	*	4	*	0	0	1	0
325193	Ethyl Alcohol	*	1	0	0	*	*	0	0	0	0
325199	Other Basic Organic Chemicals	10	592	*	*	5	*	0	0	2	0
325211	Plastics Materials and Resins	22	1,078	*	*	7	2	0	0	2	Q
325212	Synthetic Rubber	1	56	0	*	*	*	0	0	*	0
325222	Noncellulosic Organic Fibers	*	53	*	*	*	*	0	0	0	0
325311	Nitrogenous Fertilizers	1	39	0	0	1	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	39	2,996 ^R	*	*	24	*	0	0	2	0
325412	Pharmaceutical Preparation	30	2,010 ^R	*	*	19	*	0	0	2	0
325992	Photographic Film, Paper, Plate, and Chemicals	20	294	*	*	3	*	1	0	*	0
326	Plastics and Rubber Products	49	6,856	*	*	21	Q	0	0	0	0
327	Nonmetallic Mineral Products	145 ^R	5,373 ^R	*	1	56	*	2	*	23	0
327211	Flat Glass	19	352	0	*	9	*	0	0	8	0
327212	Other Pressed and Blown Glass and Glassware	15	357	0	*	4	*	0	0	9	0
327213	Glass Containers	13	759	0	*	10	*	0	0	*	0
327215	Glass Products from Purchased Glass	3 ^R	374 ^R	0	*	1 ^R	*	*	0	*	0
327310	Cements	44	1,450	*	*	*	*	1	*	5	0
327410	Lime	4	77	*	*	0	*	*	0	*	0
327420	Gypsum	10	201	*	*	8	*	0	0	*	0
327993	Mineral Wool	7	395	0	*	6	*	0	*	*	0
331	Primary Metals	243	16,917 ^R	*	*	81	*	6	*	Q	90
331111	Iron and Steel Mills	131	7,573	0	*	48	*	6	*	6	90
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	11	644	0	*	7	*	*	* ^R	1	0
3313	Alumina and Aluminum	34	5,384 ^R	*	*	12	*	0	0	2	0
331314	Secondary Smelting and Alloying of Aluminum	1	39	*	*	*	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	8	511	0	*	5	*	0	0	*	0
331316	Aluminum Extruded Products	5	288 ^R	*	*	4	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	Q	2,130	*	*	8	*	*	*	Q	0
3315	Foundries	11	1,186	*	*	6	*	0	*	*	0
331511	Iron Foundries	5	551	*	*	2	*	0	*	*	0
331521	Aluminum Die-Casting Foundries	2	137	0	*	2	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	1	109	*	*	1	*	0	0	0	0

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NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
332	Fabricated Metal Products	54	5,267	*	*	29	*	0	*	Q	0
333	Machinery	Q	5,066	*	*	Q	*	0	0	*	0
334	Computer and Electronic Products	27	5,015	*	*	9	*	0	0	*	0
334413	Semiconductors and Related Devices	12	2,180	*	*	4	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	9	1,521	0	*	3	*	0	0	*	0
336	Transportation Equipment	61	6,661 ^R	*	*	Q	*	0	0	Q	0
336111	Automobiles	*	1	0	0	*	*	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	*	0	*	0	0	0	0	0	0
3364	Aerospace Product and Parts	11	1,057 ^R	*	*	5	*	0	0	*	0
336411	Aircraft	1	204	0	*	*	*	0	0	*	0
337	Furniture and Related Products	5	673	*	*	2	*	0	0	Q	0
339	Miscellaneous	23	2,622	*	*	6	*	0	0	Q	0
	Total	1,670 ^R	89,780 ^R	10	4	481 ^R	66	10	*	622	91
Midwest Census Region											
311	Food	568	30,774	2	*	291	*	5	*	30	*
3112	Grain and Oilseed Milling	258	11,361	*	*	91	*	5	0	21	*
311221	Wet Corn Milling	160	5,784	0	*	48	*	4	0	3	0
31131	Sugar Manufacturing	23	600	*	*	5	*	1	*	*	0
3114	Fruit and Vegetable Preserving and Specialty Food	Q	2,889	*	*	Q	*	*	0	*	0
3115	Dairy Product	45	3,723	*	*	29	*	*	0	1	0
3116	Animal Slaughtering and Processing	112	6,846	*	*	76	*	0	0	Q	0
312	Beverage and Tobacco Products	20	1,488	*	*	8	*	*	0	*	0
3121	Beverages	19	1,471	*	*	8	*	*	0	*	0
3122	Tobacco	*	17	0	*	*	0	0	0	0	0
313	Textile Mills	Q	Q	0	0	*	*	0	0	0	0
314	Textile Product Mills	Q	Q	0	0	*	*	0	0	0	0
315	Apparel	*	48	0	0	*	0	0	0	0	0
316	Leather and Allied Products	1	123	0	0	1	*	0	0	*	0
321	Wood Products	129	7,514	*	Q	38	*	Q	*	Q	0
321113	Sawmills	7	344	0	*	1	*	0	0	4	0
3212	Veneer, Plywood, and Engineered Woods	26	1,148	*	*	16	*	*	0	4	0
3219	Other Wood Products	95	5,976	*	Q	Q	*	Q	*	Q	0
322	Paper	284	14,812	1	*	74	*	3	0	87	0
322110	Pulp Mills	W	W	0	*	*	*	0	0	*	0
322121	Paper Mills, except Newsprint	188	7,410	1	*	35	*	2	0	74	0
322122	Newsprint Mills	4	515	0	*	*	*	0	0	2	0
322130	Paperboard Mills	43	2,408	*	*	12	*	1	0	9	0
323	Printing and Related Support	30	5,222	0	*	12	*	0	0	*	0
324	Petroleum and Coal Products	1,034	8,998	*	Q	105	31	2	0	845	13
324110	Petroleum Refineries	955	7,935 ^R	*	*	85	30	*	0	836	0
324199	Other Petroleum and Coal Products	51	57	0	*	1	*	2	0	9	9
325	Chemicals	583	41,312 ^R	1	*	229	31	2	*	49	Q
325110	Petrochemicals	W	276	0	*	2	W	0	0	*	*
325120	Industrial Gases	30	7,264 ^R	0	0	5	*	0	0	*	0
325181	Alkalies and Chlorine	1	209	0	*	*	*	0	0	*	0
325182	Carbon Black	10	62	1	*	1	*	0	0	*	0
325188	Other Basic Inorganic Chemicals	27	1,239	*	*	12	2	*	0	2	*
325192	Cyclic Crudes and Intermediates	9	193	0	*	1	*	0	0	7	*
325193	Ethyl Alcohol	109	2,624	0	*	78	*	1	0	*	0

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325199	Other Basic Organic Chemicals	63	3,976	0	*	30	*	1	0	7	*
325211	Plastics Materials and Resins	W	3,609	0	*	19	W	*	*	3	*
325212	Synthetic Rubber	5	260	0	*	1	*	*	0	*	0
325222	Noncellulosic Organic Fibers	*	5	0	0	*	0	0	0	0	0
325311	Nitrogenous Fertilizers	42	532	0	*	38	*	0	0	1	0
325312	Phosphatic Fertilizers	*	*	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	28	2,771	0	*	9	*	*	0	3	0
325412	Pharmaceutical Preparation	20	2,138	0	*	5	*	*	0	3	0
325992	Photographic Film, Paper, Plate, and Chemicals	1	149	0	*	*	*	0	0	0	0
326	Plastics and Rubber Products	129	23,080	0	*	48	*	0	0	*	0
327	Nonmetallic Mineral Products	318	12,897	0	Q	128	*	4	*	47	0
327211	Flat Glass	17	465	0	*	15	*	0	0	*	0
327212	Other Pressed and Blown Glass and Glassware	Q	Q	0	*	Q	*	0	0	Q	0
327213	Glass Containers	15	885	0	*	12	*	0	0	*	0
327215	Glass Products from Purchased Glass	9	1,708	0	*	3	*	0	0	*	0
327310	Cements	105	3,168	0	*	10	*	2	0	34	0
327410	Lime	46	459	0	*	2	*	2	*	8	0
327420	Gypsum	15	399	0	*	13	*	0	0	*	0
327993	Mineral Wool	21	1,683	0	*	14	*	0	*	*	0
331	Primary Metals	901 ^R	46,835	2	*	303 ^R	*	7	9	67	31
331111	Iron and Steel Mills	657 ^R	20,507	2	*	208 ^R	*	7	8	28	31
331112	Electrometallurgical Ferroalloy Products	15	2,080	0	*	1	*	*	*	3	0
3312	Steel Products from Purchased Steel	33	2,067	0	*	13	*	*	0	12	0
3313	Alumina and Aluminum	56	7,220	*	*	26	*	0	0	5	0
331314	Secondary Smelting and Alloying of Aluminum	11	257	0	*	10	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	15	1,178	0	*	9	*	0	0	1	0
331316	Aluminum Extruded Products	8	760	*	*	5	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	38	5,051	0	*	12	*	0	*	5	0
3315	Foundries	101	9,909	0	*	43	*	0	*	15	0
331511	Iron Foundries	55	5,344	0	*	13	*	0	*	15	0
331521	Aluminum Die-Casting Foundries	15	1,424	0	*	10	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	11	616	0	*	9	*	0	0	*	0
332	Fabricated Metal Products	184	17,626	0	*	118	1	0	0	*	0
333	Machinery	116	18,701	0	*	46	*	*	0	1	0
334	Computer and Electronic Products	24	4,232	0	*	9	*	0	0	*	0
334413	Semiconductors and Related Devices	3	645	0	0	1	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	27	4,300	0	*	12	*	0	0	*	0
336	Transportation Equipment	278	29,743	*	*	157	1	*	*	6	0
336111	Automobiles	25	2,310	*	*	14	*	*	0	1	0
336112	Light Trucks and Utility Vehicles	27	2,489	0	*	16	*	*	0	1	0
3364	Aerospace Product and Parts	14	2,017	*	*	5	*	0	0	1	0
336411	Aircraft	5	804	0	*	2	*	0	0	*	0
337	Furniture and Related Products	23	2,935	0	*	10	*	*	0	Q	0
339	Miscellaneous	17	2,719	*	*	8	*	0	0	*	0
	Total	4,671 ^R	273,604 ^R	7	6	1,597 ^R	65	25	9	1,172	60
South Census Region											
311	Food	349	24,169	2	1	165	*	1	0	Q	0
3112	Grain and Oilseed Milling	48	3,019	*	*	20	*	*	0	7	0
311221	Wet Corn Milling	17	885	0	*	3	*	*	0	4	0

Table 1.1 First Use of Energy for All Purposes (Fuel and Nonfuel), 2006;
Level: National and Regional Data;
Row: NAICS Codes; Column: Energy Sources and Shipments;
Unit: Physical Units or Btu.

NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
31131	Sugar Manufacturing	35	138	1	*	8	*	*	0	17	0
3114	Fruit and Vegetable Preserving and Specialty Food	29	2,295	*	*	19	*	0	0	2	0
3115	Dairy Product	11	1,399	0	*	6	*	0	0	0	0
3116	Animal Slaughtering and Processing	88	8,550	*	*	48	*	0	0	Q	0
312	Beverage and Tobacco Products	47	4,124	*	*	17	*	*	0	7	0
3121	Beverages	36	2,914	*	*	14	*	*	0	7	0
3122	Tobacco	12	1,210	*	*	3	*	*	0	*	0
313	Textile Mills	160	17,656	*	*	53	*	1	0	12	0
314	Textile Product Mills	65	5,145	*	*	Q	*	*	0	*	0
315	Apparel	12	1,686	*	*	6	*	0	0	*	0
316	Leather and Allied Products	*	93	0	0	*	*	0	0	0	0
321	Wood Products	202	12,019	*	1	23	1	*	0	126	0
321113	Sawmills	60	3,550	*	1	2	*	0	0	42	0
3212	Veneer, Plywood, and Engineered Woods	117	6,140	*	*	18	*	*	0	75	0
3219	Other Wood Products	19	2,110	*	*	2	*	0	0	7	0
322	Paper	1,570	35,440	8	1	243	1	6	0	1,008	0
322110	Pulp Mills	W	1,144	1	1	W	*	*	0	142	0
322121	Paper Mills, except Newsprint	522	10,697	3	*	69	*	3	0	332	0
322122	Newsprint Mills	16	3,468	0	*	*	*	*	0	4	0
322130	Paperboard Mills	633	12,056	4	1	78	*	3	0	424	0
323	Printing and Related Support	37	5,002	0	*	19	*	0	0	*	0
324	Petroleum and Coal Products	4,162 ^R	20,888 ^R	6	2	490	85	1	*	3,570 ^R	64
324110	Petroleum Refineries	4,090 ^R	19,950 ^R	6	*	478 ^R	85	0	0	3,484 ^R	0
324199	Other Petroleum and Coal Products	51	188	0	*	1	*	1	*	86	63
325	Chemicals	4,303 ^R	89,922 ^R	11	1	1,357 ^R	612 ^R	4	*	642 ^R	389 ^R
325110	Petrochemicals	W	4,443 ^R	1	*	104	W	0	0	W	237 ^R
325120	Industrial Gases	87	9,427	0	*	53	*	0	0	1	0
325181	Alkalies and Chlorine	121	2,884	0	*	91	*	*	0	7	0
325182	Carbon Black	75	532	9	*	17 ^R	*	0	0	*	0
325188	Other Basic Inorganic Chemicals	133	18,975	1	*	38	*	*	*	20	0
325192	Cyclic Crudes and Intermediates	22	2,191	0	*	10	*	*	0	4	0
325193	Ethyl Alcohol	2	47	0	*	2	*	0	0	*	0
325199	Other Basic Organic Chemicals	941	16,648	*	*	334	W	3	0	W	48
325211	Plastics Materials and Resins	W	14,258	*	*	307	W	*	0	37	103
325212	Synthetic Rubber	39	1,326	*	*	25	*	*	0	5	0
325222	Noncellulosic Organic Fibers	87	4,783	*	*	39	*	*	0	20	1
325311	Nitrogenous Fertilizers	250	1,634	0	*	238	*	0	0	*	0
325312	Phosphatic Fertilizers	W	1,137	*	*	W	*	*	0	*	0
3254	Pharmaceuticals and Medicines	18	2,427	*	*	8	*	0	0	1	0
325412	Pharmaceutical Preparation	10	1,596	*	*	4	*	0	0	*	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	268	0	*	W	*	0	0	Q	0
326	Plastics and Rubber Products	141	19,701	1	*	52 ^R	*	*	0	*	0
327	Nonmetallic Mineral Products	468	18,113	*	1	206	Q	6	*	44	0
327211	Flat Glass	25	868	0	*	20	*	*	0	1	0
327212	Other Pressed and Blown Glass and Glassware	23	1,746	0	*	17	*	0	0	*	0
327213	Glass Containers	22	1,341	0	*	17	*	0	0	*	0
327215	Glass Products from Purchased Glass	52	1,299	0	*	Q	*	*	0	*	0
327310	Cements	144	4,478	*	*	5	*	4	*	20	0
327410	Lime	48	648	0	*	3	*	1	*	10	0
327420	Gypsum	35	848	0	*	31	*	0	0	*	0
327993	Mineral Wool	17	1,416	0	*	11	*	0	*	*	0
331	Primary Metals	488 ^R	58,638	1	*	180	*	3	1	15 ^R	23

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Table 1.1 First Use of Energy for All Purposes (Fuel and Nonfuel), 2006;
Level: National and Regional Data;
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NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
331111	Iron and Steel Mills	219	19,830	1	*	75	*	3	1	2	23
331112	Electrometallurgical Ferroalloy Products	7	1,028	0	*	*	0	*	0	*	0
3312	Steel Products from Purchased Steel	11	1,504	0	*	5	*	*	*	*	0
3313	Alumina and Aluminum	184 ^R	27,789	0	*	75	*	*	0	11 ^R	0
331314	Secondary Smelting and Alloying of Aluminum	7	269	0	*	6	*	*	0	*	0
331315	Aluminum Sheet, Plate and Foils	26	1,888	0	*	19	*	0	0	*	0
331316	Aluminum Extruded Products	9	708	0	*	6	*	0	0	*	0
3314	Nonferrous Metals, except Aluminum	26	3,662	0	*	8	*	*	*	1	0
3315	Foundries	42	4,825	0	*	17	*	*	*	*	*
331511	Iron Foundries	22	2,541	0	*	7	*	0	*	*	*
331521	Aluminum Die-Casting Foundries	4	331	0	*	3	*	0	0	*	0
331524	Aluminum Foundries, except Die-Casting	4	330	0	*	3	*	0	0	*	0
332	Fabricated Metal Products	124	13,937	*	*	71	1	0	0	*	0
333	Machinery	47	7,234	0	*	20	*	0	0	*	0
334	Computer and Electronic Products	36	7,674	0	*	9	*	0	0	*	0
334413	Semiconductors and Related Devices	16	3,358	0	*	4	*	0	0	*	0
335	Electrical Equip., Appliances, and Components	62	6,326	0	*	23	*	*	0	20	5
336	Transportation Equipment	102	15,631	*	*	38	*	*	0	4	0
336111	Automobiles	12	1,360	*	*	5	*	*	0	1	0
336112	Light Trucks and Utility Vehicles	16	2,026	*	*	9	*	0	0	1	0
3364	Aerospace Product and Parts	26	4,206	*	*	9	*	*	0	2	0
336411	Aircraft	9	1,455	*	*	3	*	0	0	*	0
337	Furniture and Related Products	30	5,112	0	*	4	*	*	0	6	0
339	Miscellaneous	19	2,720	0	*	9	*	0	0	*	0
	Total	12,424 ^R	371,230	30	9	3,029 ^R	702 ^R	23	2	5,524 ^R	482 ^R

West Census Region

311	Food	210	13,057	*	1	131	*	1	*	6	0
3112	Grain and Oilseed Milling	8	578	0	*	5	*	0	0	1	0
311221	Wet Corn Milling	2	65	0	*	1	*	0	0	1	0
31131	Sugar Manufacturing	22	224	0	*	2	*	1	*	3	0
3114	Fruit and Vegetable Preserving and Specialty Food	63	3,834	*	*	46	*	0	0	1	0
3115	Dairy Product	52	3,734	0	*	38	*	0	0	*	0
3116	Animal Slaughtering and Processing	22	1,563	0	*	15	*	0	0	*	0
312	Beverage and Tobacco Products	28	2,133	0	*	9	*	*	0	4	0
3121	Beverages	28	2,133	0	*	9	*	*	0	4	0
3122	Tobacco	0	0	0	0	0	0	0	0	0	0
313	Textile Mills	Q	Q	0	0	Q	*	0	0	0	0
314	Textile Product Mills	2	104	0	0	1	*	*	0	0	0
315	Apparel	1	147	0	0	*	0	0	0	0	0
316	Leather and Allied Products	*	22	0	*	*	*	0	0	*	0
321	Wood Products	95	5,386	*	1	17	*	0	0	50	0
321113	Sawmills	64	2,308	*	1	8 ^R	*	0	0	43	0
3212	Veneer, Plywood, and Engineered Woods	17	2,050	0	*	7	*	0	0	3	0
3219	Other Wood Products	10	943	*	*	2	*	0	0	4 ^R	0
322	Paper	287	15,908	1	*	82	*	1	0	125	0
322110	Pulp Mills	W	W	*	*	W	*	0	0	9	0
322121	Paper Mills, except Newsprint	83	2,666	1	*	25	*	0	0	44	0
322122	Newsprint Mills	47	4,977	*	*	8	*	1	0	9	0
322130	Paperboard Mills	129	6,243	*	*	38	*	*	0	64	0

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**Table 1.1 First Use of Energy for All Purposes (Fuel and Nonfuel), 2006;
 Level: National and Regional Data;
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 Unit: Physical Units or Btu.**

NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
323	Printing and Related Support	5	908	0	0	2	*	0	0	0	0
324	Petroleum and Coal Products	1,139	6,380	1	1	185	127	1	0	893	13
324110	Petroleum Refineries	1,086	6,283	1	1	166	127	0	0	870	0
324199	Other Petroleum and Coal Products	27	-411	0	*	*	*	1	0	21	13
325	Chemicals	113	9,250	*	*	47	*	1	*	7	*
325110	Petrochemicals	*	2	0	0	*	*	0	0	0	0
325120	Industrial Gases	9	2,099	0	0	1	0	0	0	0	*
325181	Alkalies and Chlorine	25	1,329	0	*	12	*	*	0	1	0
325182	Carbon Black	*	*	0	0	*	*	0	0	0	0
325188	Other Basic Inorganic Chemicals	42	3,052	*	*	11	*	1	*	2	*
325192	Cyclic Crudes and Intermediates	*	5	0	0	*	*	0	0	0	0
325193	Ethyl Alcohol	3	44	0	*	1	*	0	0	1	0
325199	Other Basic Organic Chemicals	4	217	0	*	2	*	0	0	1	0
325211	Plastics Materials and Resins	2	234	0	*	1	*	0	0	0	0
325212	Synthetic Rubber	*	19	0	0	*	*	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	8	224	0	*	7	*	0	0	*	0
325312	Phosphatic Fertilizers	W	352	0	*	W	*	0	0	*	0
3254	Pharmaceuticals and Medicines	8	1,013	0	*	4	*	0	0	*	0
325412	Pharmaceutical Preparation	5	588	0	*	3	*	0	0	*	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	332	0	*	W	*	0	0	0	0
326	Plastics and Rubber Products	18	3,767	0	*	4	*	0	0	*	0
327	Nonmetallic Mineral Products	182	6,593	*	Q	57	*	3	*	25	0
327211	Flat Glass	8	218	*	*	6	*	0	0	*	0
327212	Other Pressed and Blown Glass and Glassware	1	113	0	*	1	*	0	0	*	0
327213	Glass Containers	14	959	0	*	10	*	0	0	*	0
327215	Glass Products from Purchased Glass	1	290	0	*	*	*	0	0	*	0
327310	Cements	89	2,896	0	*	4	*	2	*	18	0
327410	Lime	18	248	*	*	*	*	1	0	4	0
327420	Gypsum	26	397	0	*	22	*	0	0	2	0
327993	Mineral Wool	5	537	0	*	3	*	0	0	*	0
331	Primary Metals	103 ^R	11,935	0	*	45	*	*	*	13 ^R	*
331111	Iron and Steel Mills	33	3,288	0	*	18	*	*	*	2	0
331112	Electrometallurgical Ferroalloy Products	*	3	0	*	*	*	0	0	0	0
3312	Steel Products from Purchased Steel	1	181	0	*	1	*	0	0	*	0
3313	Alumina and Aluminum	33 ^R	4,122	0	*	8	*	0	0	11 ^R	0
331314	Secondary Smelting and Alloying of Aluminum	2	45	0	*	2	*	0	0	*	0
331315	Aluminum Sheet, Plate and Foils	3	293	0	*	2	*	0	0	*	0
331316	Aluminum Extruded Products	4	238	0	*	3	*	0	0	0	0
3314	Nonferrous Metals, except Aluminum	26	3,480	0	*	14	*	0	0	*	0
3315	Foundries	9	861	0	*	5	*	0	*	*	*
331511	Iron Foundries	2	126	0	*	1	*	0	*	*	*
331521	Aluminum Die-Casting Foundries	1	45	0	0	*	*	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	1	79	0	*	1	*	0	0	*	0
332	Fabricated Metal Products	35	5,135	0	*	16	*	0	0	*	0
333	Machinery	7	1,393	0	*	2	*	0	0	*	0
334	Computer and Electronic Products	54	10,587	0	*	17	*	0	0	1	0
334413	Semiconductors and Related Devices	33	6,563	0	*	9	*	0	0	1	0
335	Electrical Equip., Appliances, and Components	5	720	0	*	Q	*	0	0	*	0
336	Transportation Equipment	36	5,134 ^R	0	*	16	*	0	0	*	0
336111	Automobiles	2	214	0	*	1	*	0	0	*	0
336112	Light Trucks and Utility Vehicles	*	1	0	0	*	0	0	0	0	0

**Table 1.1 First Use of Energy for All Purposes (Fuel and Nonfuel), 2006;
 Level: National and Regional Data;
 Row: NAICS Codes; Column: Energy Sources and Shipments;
 Unit: Physical Units or Btu.**

NAICS Code(a)	Subsector and Industry	Total(b) (trillion Btu)	Net Electricity(c) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil(d) (million bbl)	Natural Gas(e) (billion cu ft)	LPG and NGL(f) (million bbl)	Coal (million short tons)	Coke and Breeze (million short tons)	Other(g) (trillion Btu)	Shipments of Energy Sources Produced Onsite(h) (trillion Btu)
3364	Aerospace Product and Parts	26	4,151 ^R	0	*	10	*	0	0	*	0
336411	Aircraft	6	937	0	*	2	*	0	0	*	0
337	Furniture and Related Products	2	544	0	0	1 ^R	*	0	0	*	0
339	Miscellaneous	7	1,615	0	*	1	*	0	0	*	0
	Total	2,334 ^R	100,852 ^R	3	5	637	128	7	*	1,124 ^R	13

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

(b) 'Total' is the sum of all of the listed energy sources, including 'Other,' minus the shipments of energy sources produced onsite. It is the total amount of first use of energy for all (fuel and nonfuel) purposes.

(c) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal).

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

(e) '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.

(f) 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).'

(g) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power or as feedstock/raw material inputs. See also Footnote 'i'.

(h) 'Shipments of Energy Sources Produced Onsite' are those shipments produced or transformed onsite from the nonfuel use of other energy sources. For example, at an establishment that processes coal to make coke for later use, the entire quantity of coal is counted as first use. Any onsite consumption of coke is not counted as first use because it would duplicate the coal use. If some of the coke is then sold to another establishment, then that second establishment will consider this coke to be a shipment of an offsite-produced energy source. Hence, the second establishment will count this coke as its first use, thereby resulting in double counting. In order to eliminate the double counting, the energy equivalent of the coke shipment must be subtracted from first use.

(i) For the petroleum refining industry only, the feedstocks and raw material inputs for the production of nonenergy products (i.e., asphalt, waxes, lubricants, and solvents) and feedstock consumption at adjoining petrochemical plants are included in the 'Other' column, regardless of type of energy. The remaining columns for the petroleum refining industry include only energy that was consumed for the production of heat and power. The 'Other' column also includes net steam and other energy that respondents indicated was used in the production of heat and power. Those inputs and feedstocks that were converted to other energy products (e.g., crude oil converted to residual and distillate fuel oils) are excluded.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

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Level: National and Regional Data;
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Q=Withheld because Relative Standard Error is greater than 50 percent.

R=Revised estimates.

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. The derived estimates presented in this table are for the first use (formerly primary consumption) of energy for heat and power and as feedstocks or raw material inputs. First use is defined as the consumption of the energy that was originally produced offsite or was produced onsite from input materials not classified as energy. Examples of the latter are hydrogen produced from the electrolysis of brine; the output of captive (onsite) mines or wells; woodchips, bark, and woodwaste from wood purchased as a raw material input; and waste materials, such as wastepaper and packing materials. First use excludes quantities of energy that are produced from other energy inputs and, therefore, avoids double counting.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey,' and Office of Oil and Gas, Petroleum Supply Division, Form EIA-810, 'Monthly Refinery Report' for 2006.