

Table 11.5 Electricity: Sales to Utility and Nonutility Purchasers, 2002;
Level: National and Regional Data;
Row: NAICS Codes;
Column: Utility and Nonutility Purchasers;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)	RSE Row Factors
Total United States					
RSE Column Factors:		1	0.9	1	
311	Food	708	380	328	31
311221	Wet Corn Milling	248	W	W	20.1
31131	Sugar	8	8	0	1
311421	Fruit and Vegetable Canning	28	W	W	1
312	Beverage and Tobacco Products	W	W	W	1
3121	Beverages	W	W	W	1
3122	Tobacco	W	W	0	1
313	Textile Mills	W	W	W	1.8
314	Textile Product Mills	0	0	0	0
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	W	631	W	1.6
321113	Sawmills	W	481	W	2.1
3212	Veneer, Plywood, and Engineered Woods	W	W	0	1
3219	Other Wood Products	2	2	0	1
322	Paper	8,630	5,901	2,730	1
322110	Pulp Mills	W	W	445	1
322121	Paper Mills, except Newsprint	4,288	2,318	1,971	1.3
322122	Newsprint Mills	W	W	0	1
322130	Paperboard Mills	3,291	2,977	314	1
323	Printing and Related Support	W	W	0	1
324	Petroleum and Coal Products	4,123	2,744	1,379	1
324110	Petroleum Refineries	3,148	2,574	574	1
324199	Other Petroleum and Coal Products	970	166	803	1
325	Chemicals	8,280	2,956	5,324	1
325110	Petrochemicals	88	W	W	1
325120	Industrial Gases	W	W	W	1
325181	Alkalies and Chlorine	W	W	W	1
325182	Carbon Black	*	*	0	1
325188	Other Basic Inorganic Chemicals	275	31	243	6.3
325192	Cyclic Crudes and Intermediates	0	0	0	0

Table 11.5 Electricity: Sales to Utility and Nonutility Purchasers, 2002;
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Row: NAICS Codes;
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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)	RSE Row Factors
325193	Ethyl Alcohol	32	0	32	1
325199	Other Basic Organic Chemicals	2,219	807	1,412	1
325211	Plastics Materials and Resins	W	388	W	1
325212	Synthetic Rubber	W	W	0	1
325222	Noncellulosic Organic Fibers	W	W	0	1
325311	Nitrogenous Fertilizers	W	W	W	1
325312	Phosphatic Fertilizers	982	509	473	1
3254	Pharmaceuticals and Medicines	W	W	W	1
325412	Pharmaceutical Preparation	W	W	W	1
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	W	W	W	1
327	Nonmetallic Mineral Products	W	16	W	1
3272	Glass and Glass Products	0	0	0	0
327211	Flat Glass	0	0	0	0
327213	Glass Containers	0	0	0	0
327310	Cements	W	16	W	1
327410	Lime	0	0	0	0
327993	Mineral Wool	0	0	0	0
331	Primary Metals	W	W	673	1.4
331111	Iron and Steel Mills	W	14	W	2.7
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	W	W	W	1
331312	Primary Aluminum	W	W	W	1
3314	Nonferrous Metals, except Aluminum	W	5	W	1
3315	Foundries	3	3	0	1
331511	Iron Foundries	3	3	0	1
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	*	*	0	0
333	Machinery	46	W	W	1
334	Computer and Electronic Products	75	1	74	3.7
334413	Semiconductors and Related Devices	24	1	23	1
335	Electrical Equip., Appliances, and Components	0	0	0	0
336	Transportation Equipment	181	76	105	1

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)	RSE Row Factors
336112	Light Trucks and Utility Vehicles	W	W	0	1
337	Furniture and Related Products	W	W	0	1
339	Miscellaneous	0	0	0	0
	Total	25,286	14,486	10,800	1.3
Northeast Census Region					
	RSE Column Factors:	1	1.1	0.9	
311	Food	W	W	W	32.5
311221	Wet Corn Milling	0	0	0	0
31131	Sugar	0	0	0	0
311421	Fruit and Vegetable Canning	W	W	0	0.9
312	Beverage and Tobacco Products	0	0	0	0
3121	Beverages	0	0	0	0
3122	Tobacco	0	0	0	0
313	Textile Mills	W	0	W	0
314	Textile Product Mills	0	0	0	0
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	W	W	0	0.9
321113	Sawmills	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	0	0	0	0
3219	Other Wood Products	0	0	0	0
322	Paper	2,668	1,029	1,639	2
322110	Pulp Mills	0	0	0	0
322121	Paper Mills, except Newsprint	2,661	1,022	1,639	2
322122	Newsprint Mills	1	1	0	0.9
322130	Paperboard Mills	6	6	0	0.9
323	Printing and Related Support	0	0	0	0
324	Petroleum and Coal Products	W	W	W	1
324110	Petroleum Refineries	W	W	W	1
324199	Other Petroleum and Coal Products	0	0	0	0
325	Chemicals	W	W	W	1
325110	Petrochemicals	0	0	0	0

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325120	Industrial Gases	0	0	0	0
325181	Alkalies and Chlorine	0	0	0	0
325182	Carbon Black	0	0	0	0
325188	Other Basic Inorganic Chemicals	W	W	W	1
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	0	0	0	0
325199	Other Basic Organic Chemicals	W	0	W	1.1
325211	Plastics Materials and Resins	W	0	W	1.1
325212	Synthetic Rubber	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0
3254	Pharmaceuticals and Medicines	W	W	0	0.9
325412	Pharmaceutical Preparation	W	W	0	0.9
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	W	0	W	1.1
327	Nonmetallic Mineral Products	W	0	W	1.1
3272	Glass and Glass Products	0	0	0	0
327211	Flat Glass	0	0	0	0
327213	Glass Containers	0	0	0	0
327310	Cements	W	0	W	1.1
327410	Lime	0	0	0	0
327993	Mineral Wool	0	0	0	0
331	Primary Metals	W	5	W	1
331111	Iron and Steel Mills	*	0	*	1.1
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	0	0	0	0
331312	Primary Aluminum	0	0	0	0
3314	Nonferrous Metals, except Aluminum	W	5	W	1
3315	Foundries	0	0	0	0
331511	Iron Foundries	0	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	0	0	0	0

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333	Machinery	0	0	0	0
334	Computer and Electronic Products	17	0	17	28.9
334413	Semiconductors and Related Devices	0	0	0	0
335	Electrical Equip., Appliances, and Components	0	0	0	0
336	Transportation Equipment	W	W	0	0.9
336112	Light Trucks and Utility Vehicles	0	0	0	0
337	Furniture and Related Products	0	0	0	0
339	Miscellaneous	0	0	0	0
	Total	3,641	1,673	1,968	2.3
Midwest Census Region					
	RSE Column Factors:	1.1	0.8	1.2	
311	Food	W	W	W	5.9
311221	Wet Corn Milling	W	W	W	1
31131	Sugar	W	W	0	1.1
311421	Fruit and Vegetable Canning	0	0	0	0
312	Beverage and Tobacco Products	W	W	0	1.1
3121	Beverages	W	W	0	1.1
3122	Tobacco	0	0	0	0
313	Textile Mills	W	0	W	0.9
314	Textile Product Mills	0	0	0	0
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	W	W	0	1.1
321113	Sawmills	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	W	W	0	1.1
3219	Other Wood Products	0	0	0	0
322	Paper	W	W	11	1
322110	Pulp Mills	W	W	0	1.1
322121	Paper Mills, except Newsprint	W	W	11	1
322122	Newsprint Mills	0	0	0	0
322130	Paperboard Mills	0	0	0	0
323	Printing and Related Support	0	0	0	0

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324	Petroleum and Coal Products	W	W	W	3.3
324110	Petroleum Refineries	W	W	W	3.3
324199	Other Petroleum and Coal Products	0	0	0	0
325	Chemicals	W	W	W	5.1
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	0	0	0	0
325181	Alkalies and Chlorine	0	0	0	0
325182	Carbon Black	0	0	0	0
325188	Other Basic Inorganic Chemicals	W	0	W	0.9
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	32	0	32	0.9
325199	Other Basic Organic Chemicals	W	W	W	1
325211	Plastics Materials and Resins	W	0	W	26.1
325212	Synthetic Rubber	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0
325311	Nitrogenous Fertilizers	*	0	*	0.9
325312	Phosphatic Fertilizers	0	0	0	0
3254	Pharmaceuticals and Medicines	W	0	W	0.9
325412	Pharmaceutical Preparation	W	0	W	0.9
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	W	W	0	1.1
327	Nonmetallic Mineral Products	W	W	0	1.1
3272	Glass and Glass Products	0	0	0	0
327211	Flat Glass	0	0	0	0
327213	Glass Containers	0	0	0	0
327310	Cements	W	W	0	1.1
327410	Lime	0	0	0	0
327993	Mineral Wool	0	0	0	0
331	Primary Metals	W	14	W	3.1
331111	Iron and Steel Mills	W	14	W	4.3
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	W	0	W	0.9
331312	Primary Aluminum	W	0	W	0.9
3314	Nonferrous Metals, except Aluminum	0	0	0	0

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3315	Foundries	0	0	0	0
331511	Iron Foundries	0	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	0	0	0	0
333	Machinery	W	0	W	0.9
334	Computer and Electronic Products	0	0	0	0
334413	Semiconductors and Related Devices	0	0	0	0
335	Electrical Equip., Appliances, and Components	0	0	0	0
336	Transportation Equipment	W	W	W	1
336112	Light Trucks and Utility Vehicles	W	W	0	1.1
337	Furniture and Related Products	W	W	0	1.1
339	Miscellaneous	0	0	0	0
	Total	1,782	981	801	2.5
South Census Region					
	RSE Column Factors:	1.1	1	1	
311	Food	W	W	W	17.2
311221	Wet Corn Milling	0	0	0	0
31131	Sugar	6	6	0	1
311421	Fruit and Vegetable Canning	W	W	0	1
312	Beverage and Tobacco Products	W	W	0	1
3121	Beverages	0	0	0	0
3122	Tobacco	W	W	0	1
313	Textile Mills	W	W	0	1
314	Textile Product Mills	0	0	0	0
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0
321	Wood Products	W	W	W	3.8
321113	Sawmills	W	W	W	3.8
3212	Veneer, Plywood, and Engineered Woods	W	W	0	36.1
3219	Other Wood Products	2	2	0	1
322	Paper	W	W	581	1

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)	RSE Row Factors
322110	Pulp Mills	W	W	445	1
322121	Paper Mills, except Newsprint	W	W	W	1
322122	Newsprint Mills	W	W	0	1
322130	Paperboard Mills	W	W	W	1
323	Printing and Related Support	0	0	0	0
324	Petroleum and Coal Products	W	W	W	1
324110	Petroleum Refineries	W	W	W	1
324199	Other Petroleum and Coal Products	W	166	W	1
325	Chemicals	W	W	5,065	1
325110	Petrochemicals	88	W	W	1
325120	Industrial Gases	W	W	W	1
325181	Alkalies and Chlorine	W	W	W	1
325182	Carbon Black	W	W	0	1
325188	Other Basic Inorganic Chemicals	W	W	W	7.6
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	0	0	0	0
325199	Other Basic Organic Chemicals	W	W	W	1
325211	Plastics Materials and Resins	W	388	W	1
325212	Synthetic Rubber	W	W	0	1
325222	Noncellulosic Organic Fibers	W	W	0	1
325311	Nitrogenous Fertilizers	W	W	W	1
325312	Phosphatic Fertilizers	W	W	473	1
3254	Pharmaceuticals and Medicines	0	0	0	0
325412	Pharmaceutical Preparation	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	0	0	0	0
327	Nonmetallic Mineral Products	0	0	0	0
3272	Glass and Glass Products	0	0	0	0
327211	Flat Glass	0	0	0	0
327213	Glass Containers	0	0	0	0
327310	Cements	0	0	0	0
327410	Lime	0	0	0	0
327993	Mineral Wool	0	0	0	0
331	Primary Metals	W	W	W	1
331111	Iron and Steel Mills	W	0	W	1

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331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	W	W	0	1
331312	Primary Aluminum	W	W	0	1
3314	Nonferrous Metals, except Aluminum	0	0	0	0
3315	Foundries	0	0	0	0
331511	Iron Foundries	0	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	*	*	0	0
333	Machinery	0	0	0	0
334	Computer and Electronic Products	23	0	23	1
334413	Semiconductors and Related Devices	23	0	23	1
335	Electrical Equip., Appliances, and Components	0	0	0	0
336	Transportation Equipment	W	0	W	1
336112	Light Trucks and Utility Vehicles	0	0	0	0
337	Furniture and Related Products	0	0	0	0
339	Miscellaneous	0	0	0	0
	Total	14,652	8,048	6,605	1.3
West Census Region					
	RSE Column Factors:	1	1.1	0.9	
311	Food	W	W	W	31.1
311221	Wet Corn Milling	W	W	W	0
31131	Sugar	W	W	0	1
311421	Fruit and Vegetable Canning	W	0	W	1
312	Beverage and Tobacco Products	W	0	W	1
3121	Beverages	W	0	W	1
3122	Tobacco	0	0	0	0
313	Textile Mills	0	0	0	0
314	Textile Product Mills	0	0	0	0
315	Apparel	0	0	0	0
316	Leather and Allied Products	0	0	0	0

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NAICS Code(a)	Subsector and Industry	Total of Sales and Transfers Offsite	Utility Purchaser(b)	Nonutility Purchaser(c)	RSE Row Factors
321	Wood Products	W	W	0	2.9
321113	Sawmills	W	W	0	2.9
3212	Veneer, Plywood, and Engineered Woods	W	W	0	1
3219	Other Wood Products	0	0	0	0
322	Paper	W	W	499	1
322110	Pulp Mills	W	W	0	1
322121	Paper Mills, except Newsprint	W	719	W	1
322122	Newsprint Mills	0	0	0	0
322130	Paperboard Mills	W	W	W	1
323	Printing and Related Support	W	W	0	1
324	Petroleum and Coal Products	W	W	W	1
324110	Petroleum Refineries	W	W	W	1
324199	Other Petroleum and Coal Products	W	0	W	1
325	Chemicals	W	W	W	1
325110	Petrochemicals	0	0	0	0
325120	Industrial Gases	*	0	*	1
325181	Alkalies and Chlorine	0	0	0	0
325182	Carbon Black	0	0	0	0
325188	Other Basic Inorganic Chemicals	0	0	0	0
325192	Cyclic Crudes and Intermediates	0	0	0	0
325193	Ethyl Alcohol	0	0	0	0
325199	Other Basic Organic Chemicals	0	0	0	0
325211	Plastics Materials and Resins	W	0	W	1
325212	Synthetic Rubber	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0
325311	Nitrogenous Fertilizers	0	0	0	0
325312	Phosphatic Fertilizers	W	W	0	1
3254	Pharmaceuticals and Medicines	0	0	0	0
325412	Pharmaceutical Preparation	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	0	0	0	0
326	Plastics and Rubber Products	0	0	0	0
327	Nonmetallic Mineral Products	W	W	0	1
3272	Glass and Glass Products	0	0	0	0
327211	Flat Glass	0	0	0	0
327213	Glass Containers	0	0	0	0

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327310	Cements	W	W	0	1
327410	Lime	0	0	0	0
327993	Mineral Wool	0	0	0	0
331	Primary Metals	7	3	4	1
331111	Iron and Steel Mills	4	0	4	1
331112	Electrometallurgical Ferroalloy Products	0	0	0	0
3312	Steel Products from Purchased Steel	0	0	0	0
3313	Alumina and Aluminum	0	0	0	0
331312	Primary Aluminum	0	0	0	0
3314	Nonferrous Metals, except Aluminum	0	0	0	0
3315	Foundries	3	3	0	1
331511	Iron Foundries	3	3	0	1
331521	Aluminum Die-Casting Foundries	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	0	0	0	0
332	Fabricated Metal Products	0	0	0	0
333	Machinery	W	W	0	1
334	Computer and Electronic Products	34	1	33	1
334413	Semiconductors and Related Devices	1	1	0	1
335	Electrical Equip., Appliances, and Components	0	0	0	0
336	Transportation Equipment	0	0	0	0
336112	Light Trucks and Utility Vehicles	0	0	0	0
337	Furniture and Related Products	0	0	0	0
339	Miscellaneous	0	0	0	0
	Total	5,211	3,785	1,426	2.3

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

(b) A 'Utility' is a company in the local area that produces and/or delivers electricity and is legally obligated to provide service to the general public within its franchise area.

(c) 'Nonutility' includes consumers, such as other manufacturers, households, and commercial entities; generators of electricity, such as independent power producers, small power producers, and cogenerators not located at the establishment site; and suppliers, such as brokers, marketers, and marketing subsidiaries of utilities.

NF=No applicable RSE row/column factor.

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* 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.

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