

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Electricity Receipts			Alternative Energy Sources(b)						
		Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)
Total United States											
311	Food	73,551	1,887	55,824	711	823	0	111	45	0	205
3112	Grain and Oilseed Milling	15,536	470	13,245	96	200	0	W	8	0	Q
311221	Wet Corn Milling	6,801	W	5,875	10	W	0	W	8	0	0
31131	Sugar Manufacturing	974	150	616	20	130	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	9,721	311	6,866	186	85	0	0	0	0	Q
3115	Dairy Products	10,079	344	7,361	Q	269	0	0	Q	0	41
3116	Animal Slaughtering and Processing	17,545	161	13,775	Q	36	0	0	0	0	Q
312	Beverage and Tobacco Products	8,822	779	6,018	Q	W	0	0	Q	0	131
3121	Beverages	7,572	779	4,810	Q	W	0	0	Q	0	131
3122	Tobacco	1,250	0	1,208	0	0	0	0	0	0	0
313	Textile Mills	19,486	Q	14,432	Q	0	Q	Q	0	0	0
314	Textile Product Mills	5,919	106	4,988	79	22	Q	0	Q	0	*
315	Apparel	2,013	Q	1,541	Q	Q	0	*	Q	0	0
316	Leather and Allied Products	413	2	315	2	0	0	0	1	0	0
321	Wood Products	27,564	286	21,260	Q	189	0	*	Q	0	31
321113	Sawmills	7,563	104	5,281	1	51	0	*	0	0	30
3212	Veneer, Plywood, and Engineered Woods	9,902	Q	7,601	0	0	0	0	Q	0	0
3219	Other Wood Products	9,736	148	8,096	Q	130	0	0	2	0	*
322	Paper	76,719	4,461	63,495	3,732	789	801	447	Q	25	519
322110	Pulp Mills	1,683	W	1,515	W	W	0	0	0	0	W
322121	Paper Mills, except Newsprint	25,561	1,487	21,624	1,002	75	459	329	0	25	W
322122	Newsprint Mills	9,294	299	6,430	294	5	0	0	0	0	0
322130	Paperboard Mills	23,515	2,384	19,223	2,228	624	342	92	0	0	330
323	Printing and Related Support	12,995	Q	8,281	Q	Q	0	0	0	0	0
324	Petroleum and Coal Products	43,983	2,738	36,773	2,143	441	261	0	550	0	317
324110	Petroleum Refineries	40,527	2,477	34,189	2,035	237	261	0	420	0	297
324199	Other Petroleum and Coal Products	594	21	549	1	0	0	0	0	0	20
325	Chemicals	158,176	3,922	116,287	1,159	689	315	756	Q	Q	282
325110	Petrochemicals	W	W	4,251	W	0	W	0	0	0	0
325120	Industrial Gases	20,925	*	9,872	0	*	0	0	0	0	0
325181	Alkalies and Chlorine	8,893	4	8,302	3	1	0	0	0	0	0
325182	Carbon Black	690	0	690	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	24,171	586	8,519	24	3	*	352	*	0	0
325192	Cyclic Crudes and Intermediates	2,566	0	592	0	0	0	0	0	0	0
325193	Ethyl Alcohol	2,717	116	2,002	53	61	0	39	0	0	37
325199	Other Basic Organic Chemicals	W	434	20,138	258	179	0	0	0	0	173
325211	Plastics Materials and Resins	20,536	25	18,583	Q	3	0	0	0	0	4
325212	Synthetic Rubber	1,715	12	1,234	12	4	0	0	4	0	0
325222	Noncellulosic Organic Fibers	4,911	517	4,329	6	17	W	307	0	0	8
325311	Nitrogenous Fertilizers	2,448	9	2,369	9	*	0	0	*	0	0
325312	Phosphatic Fertilizers	1,827	0	1,827	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	9,224	666	7,301	380	396	0	7	0	0	0
325412	Pharmaceutical Preparation	6,350	493	5,110	248	358	0	5	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	1,059	176	756	125	0	0	52	0	0	0
326	Plastics and Rubber Products	53,404	Q	37,726	Q	W	Q	0	Q	0	W
327	Nonmetallic Mineral Products	43,914	1,063	35,038	718	234	Q	0	128	0	W
327211	Flat Glass	1,903	72	1,565	0	72	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	5,121	19	Q	13	6	0	0	0	0	0
327213	Glass Containers	3,944	192	3,518	192	W	0	0	76	0	0
327215	Glass Products from Purchased Glass	3,670	46	2,886	Q	Q	Q	0	0	0	Q
327310	Cements	12,931	414	11,120	322	12	0	0	0	0	W
327410	Lime	1,431	3	1,183	3	0	0	0	0	0	0
327420	Gypsum	1,845	0	1,757	0	0	0	0	0	0	0
327993	Mineral Wool	4,032	22	2,734	0	9	0	0	0	0	13
331	Primary Metals	136,216	6,534	111,967	1,071	231	267	4,856	88	12	27
331111	Iron and Steel Mills	51,381	984	43,551	724	2	258	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	3,178	4	2,120	2	2	0	0	0	0	0
3312	Steel Products from Purchased Steel	4,396	73	3,428	38	45	0	0	10	0	0
3313	Alumina and Aluminum	45,796	4,955	35,335	34	48	0	4,856	62	12	0
331314	Secondary Smelting and Alloying of Aluminum	611	11	473	1	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	3,871	12	2,916	12	0	0	12	0	12	0
331316	Aluminum Extruded Products	1,994	79	1,442	20	29	0	0	62	0	0

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Electricity Receipts		Alternative Energy Sources(b)							
		Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)
3314	Nonferrous Metals, except Aluminum	14,683	353	12,681	187	102	0	0	*	0	Q
3315	Foundries	16,781	165	14,852	87	31	9	0	17	0	26
331511	Iron Foundries	8,563	94	8,047	70	11	0	0	2	0	11
331521	Aluminum Die-Casting Foundries	1,937	23	1,644	6	W	9	0	0	0	8
331524	Aluminum Foundries, except Die-Casting	1,134	45	843	8	W	0	0	15	0	7
332	Fabricated Metal Products	41,965	2,784	30,508	Q	Q	Q	0	Q	0	Q
333	Machinery	32,394	205	17,757	Q	Q	0	59	W	0	Q
334	Computer and Electronic Products	27,508	Q	20,094	81	Q	Q	0	Q	0	Q
334413	Semiconductors and Related Devices	12,746	124	11,308	6	114	0	0	0	0	4
335	Electrical Equip., Appliances, and Components	12,869	Q	9,373	Q	Q	Q	Q	Q	Q	Q
336	Transportation Equipment	57,250	972	44,838	592	366	120	0	174	0	153
336111	Automobiles	3,899	1	2,813	*	1	0	0	*	0	0
336112	Light Trucks and Utility Vehicles	4,495	0	3,920	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	11,519	676	8,742	401	259	120	0	102	0	149
336411	Aircraft	3,446	272	2,994	252	113	120	0	102	0	109
337	Furniture and Related Products	9,264	30	4,544	Q	0	W	0	Q	0	0
339	Miscellaneous	9,677	Q	6,532	Q	Q	W	Q	W	0	Q
	Total	854,102	28,025	647,591	11,844	6,066	2,349	6,456	1,724	50	3,224
Northeast Census Region											
311	Food	5,445	82	4,217	Q	9	0	0	Q	0	41
3112	Grain and Oilseed Milling	511	0	396	0	0	0	0	0	0	0
311221	Wet Corn Milling	11	0	11	0	0	0	0	0	0	0
31131	Sugar Manufacturing	6	0	0	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	690	0	577	0	0	0	0	0	0	0
3115	Dairy Products	1,223	75	888	0	6	0	0	Q	0	41
3116	Animal Slaughtering and Processing	586	0	391	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	1,112	210	645	Q	W	0	0	0	0	W
3121	Beverages	1,090	210	626	Q	W	0	0	0	0	W
3122	Tobacco	23	0	19	0	0	0	0	0	0	0
313	Textile Mills	1,378	Q	878	Q	0	Q	0	0	0	0
314	Textile Product Mills	485	0	356	0	0	0	0	0	0	0
315	Apparel	132	Q	49	Q	Q	0	0	0	0	0
316	Leather and Allied Products	175	Q	148	Q	0	0	0	0	0	0
321	Wood Products	1,804	42	1,233	0	32	0	0	0	0	2
321113	Sawmills	522	42	371	0	32	0	0	0	0	2
3212	Veneer, Plywood, and Engineered Woods	564	0	432	0	0	0	0	0	0	0
3219	Other Wood Products	704	0	420	0	0	0	0	0	0	0
322	Paper	8,321	322	6,791	36	12	277	14	Q	0	0
322110	Pulp Mills	W	0	3	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	4,365	279	3,928	12	12	277	14	0	0	0
322122	Newsprint Mills	305	0	305	0	0	0	0	0	0	0
322130	Paperboard Mills	1,159	6	718	6	0	0	0	0	0	0
323	Printing and Related Support	1,863	Q	1,323	Q	0	0	0	0	0	0
324	Petroleum and Coal Products	4,095	346	3,682	W	W	W	0	322	0	0
324110	Petroleum Refineries	3,214	W	W	W	W	W	0	W	0	0
324199	Other Petroleum and Coal Products	282	1	270	1	0	0	0	0	0	0
325	Chemicals	11,141	405	8,199	283	67	0	52	0	0	Q
325110	Petrochemicals	19	5	9	5	0	0	0	0	0	0
325120	Industrial Gases	2,048	0	869	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	1,664	0	1,664	0	0	0	0	0	0	0
325182	Carbon Black	0	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	866	0	746	0	0	0	0	0	0	0
325192	Cyclic Crudes and Intermediates	178	0	178	0	0	0	0	0	0	0
325193	Ethyl Alcohol	1	0	1	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	592	Q	534	0	0	0	0	0	0	Q
325211	Plastics Materials and Resins	1,078	0	778	0	0	0	0	0	0	0
325212	Synthetic Rubber	56	0	54	0	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	53	0	29	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	39	*	39	*	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	3,010	285	2,200	272	67	0	0	0	0	0
325412	Pharmaceutical Preparation	2,024	159	1,542	146	67	0	0	0	0	0

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
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NAICS Code(a)	Subsector and Industry	Electricity Receipts		Alternative Energy Sources(b)							
		Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)
325992	Photographic Film, Paper, Plate, and Chemicals	310	57	248	6	0	0	52	0	0	0
326	Plastics and Rubber Products	6,856	Q	5,356	Q	W	Q	0	Q	0	W
327	Nonmetallic Mineral Products	5,373	204	4,210	W	40	W	0	34	0	W
327211	Flat Glass	352	1	W	0	1	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	356	0	331	0	0	0	0	0	0	0
327213	Glass Containers	759	42	645	42	W	0	0	34	0	0
327215	Glass Products from Purchased Glass	374	W	330	*	W	W	0	0	0	0
327310	Cements	1,450	W	1,119	0	0	0	0	0	0	W
327410	Lime	77	0	77	0	0	0	0	0	0	0
327420	Gypsum	201	0	201	0	0	0	0	0	0	0
327993	Mineral Wool	395	0	338	0	0	0	0	0	0	0
331	Primary Metals	17,044	Q	16,153	*	W	0	0	*	0	0
331111	Iron and Steel Mills	7,573	*	7,329	*	0	0	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	0	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	644	11	443	0	11	0	0	0	0	0
3313	Alumina and Aluminum	5,384	0	5,313	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	39	0	15	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	511	0	511	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	288	0	241	0	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	2,256	Q	2,028	0	W	0	0	*	0	0
3315	Foundries	1,186	0	1,039	0	0	0	0	0	0	0
331511	Iron Foundries	551	0	454	0	0	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	137	0	137	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	109	0	92	0	0	0	0	0	0	0
332	Fabricated Metal Products	5,267	Q	4,306	Q	W	Q	0	Q	0	0
333	Machinery	5,066	Q	Q	Q	0	0	0	0	0	Q
334	Computer and Electronic Products	5,015	124	4,113	Q	Q	Q	0	0	0	0
334413	Semiconductors and Related Devices	2,180	Q	2,024	*	Q	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	1,522	Q	1,034	Q	0	0	0	0	0	0
336	Transportation Equipment	6,703	104	Q	27	0	18	0	0	0	0
336111	Automobiles	1	0	1	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	1,098	104	888	27	0	18	0	0	0	0
336411	Aircraft	204	18	184	18	0	18	0	0	0	0
337	Furniture and Related Products	673	Q	395	Q	0	0	0	0	0	0
339	Miscellaneous	2,622	Q	1,652	Q	Q	0	Q	Q	0	0
	Total	92,090	2,722	74,183	1,044	1,166	999	106	908	0	262

Midwest Census Region

311	Food	30,834	891	24,980	209	474	0	111	9	0	Q
3112	Grain and Oilseed Milling	11,421	435	9,915	96	200	0	W	8	0	25
311221	Wet Corn Milling	5,839	W	W	10	W	0	W	8	0	0
31131	Sugar Manufacturing	600	130	307	0	130	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	2,889	4	1,774	0	4	0	0	0	0	0
3115	Dairy Products	3,723	104	2,869	0	104	0	0	0	0	0
3116	Animal Slaughtering and Processing	6,846	108	5,986	Q	36	0	0	0	0	Q
312	Beverage and Tobacco Products	1,488	W	804	0	0	0	0	0	0	W
3121	Beverages	1,471	W	787	0	0	0	0	0	0	W
3122	Tobacco	17	0	17	0	0	0	0	0	0	0
313	Textile Mills	Q	0	Q	0	0	0	0	0	0	0
314	Textile Product Mills	Q	W	Q	W	0	0	0	*	0	*
315	Apparel	48	0	31	0	0	0	0	0	0	0
316	Leather and Allied Products	123	2	103	1	0	0	0	1	0	0
321	Wood Products	7,515	Q	6,527	0	Q	0	0	0	0	*
321113	Sawmills	344	Q	260	0	Q	0	0	0	0	*
3212	Veneer, Plywood, and Engineered Woods	1,149	0	733	0	0	0	0	0	0	0
3219	Other Wood Products	5,976	Q	5,497	0	Q	0	0	0	0	*
322	Paper	14,536	596	12,513	489	99	149	216	0	25	189
322110	Pulp Mills	160	W	W	0	0	0	0	0	0	W
322121	Paper Mills, except Newsprint	7,156	442	5,982	400	43	149	191	0	25	W
322122	Newsprint Mills	515	0	515	0	0	0	0	0	0	0
322130	Paperboard Mills	2,394	33	2,151	33	0	0	0	0	0	0
323	Printing and Related Support	5,222	W	3,489	W	Q	0	0	0	0	0

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Column: Energy Sources;
Unit: Million Kilowatthours.

		Electricity Receipts			Alternative Energy Sources(b)							
NAICS Code(a)	Subsector and Industry	Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)	
324	Petroleum and Coal Products	9,124	1,082	7,111	1,000	Q	6	0	W	0	W	
324110	Petroleum Refineries	8,061	1,058	6,323	1,000	1	6	0	W	0	W	
324199	Other Petroleum and Coal Products	57	0	56	0	0	0	0	0	0	0	
325	Chemicals	41,376	225	34,300	49	137	*	39	Q	0	37	
325110	Petrochemicals	276	0	276	0	0	0	0	0	0	0	
325120	Industrial Gases	7,264	0	3,822	0	0	0	0	0	0	0	
325181	Alkalies and Chlorine	209	1	207	0	1	0	0	0	0	0	
325182	Carbon Black	62	0	62	0	0	0	0	0	0	0	
325188	Other Basic Inorganic Chemicals	1,248	4	1,108	4	0	*	0	*	0	0	
325192	Cyclic Crudes and Intermediates	193	0	W	0	0	0	0	0	0	0	
325193	Ethyl Alcohol	2,624	100	1,931	37	61	0	39	0	0	37	
325199	Other Basic Organic Chemicals	4,013	0	3,480	0	0	0	0	0	0	0	
325211	Plastics Materials and Resins	3,610	3	3,534	0	3	0	0	0	0	0	
325212	Synthetic Rubber	260	4	33	4	4	0	0	4	0	0	
325222	Noncellulosic Organic Fibers	5	0	0	0	0	0	0	0	0	0	
325311	Nitrogenous Fertilizers	544	0	479	0	0	0	0	0	0	0	
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0	
3254	Pharmaceuticals and Medicines	2,775	78	2,507	3	67	0	0	7	0	0	
325412	Pharmaceutical Preparation	2,142	49	2,006	0	44	0	0	5	0	0	
325992	Photographic Film, Paper, Plate, and Chemicals	149	1	87	1	0	0	0	0	0	0	
326	Plastics and Rubber Products	23,080	Q	15,861	Q	0	0	0	0	0	Q	
327	Nonmetallic Mineral Products	12,906	112	10,351	83	30	0	0	18	0	0	
327211	Flat Glass	465	W	W	0	W	0	0	0	0	0	
327212	Other Pressed and Blown Glass and Glassware	Q	13	Q	13	0	0	0	0	0	0	
327213	Glass Containers	885	42	843	42	0	0	0	18	0	0	
327215	Glass Products from Purchased Glass	1,708	W	1,345	0	W	0	0	0	0	0	
327310	Cements	3,177	W	2,501	24	0	0	0	0	0	0	
327410	Lime	459	3	454	3	0	0	0	0	0	0	
327420	Gypsum	399	0	399	0	0	0	0	0	0	0	
327993	Mineral Wool	1,683	9	1,157	0	9	0	0	0	0	0	
331	Primary Metals	47,081	1,168	38,673	805	102	258	12	38	12	21	
331111	Iron and Steel Mills	20,686	982	15,609	724	1	258	0	0	0	0	
331112	Electrometallurgical Ferroalloy Products	2,147	4	1,092	2	2	0	0	0	0	0	
3312	Steel Products from Purchased Steel	2,067	37	1,810	12	34	0	0	10	0	0	
3313	Alumina and Aluminum	7,220	60	6,429	33	39	0	12	28	12	0	
331314	Secondary Smelting and Alloying of Aluminum	257	2	204	1	2	0	0	0	0	0	
331315	Aluminum Sheet, Plate and Foils	1,178	12	W	12	0	0	12	0	12	0	
331316	Aluminum Extruded Products	760	37	462	20	29	0	0	28	0	0	
3314	Nonferrous Metals, except Aluminum	5,051	W	4,886	Q	W	0	0	0	0	0	
3315	Foundries	9,909	W	8,847	30	W	0	0	0	0	21	
331511	Iron Foundries	5,345	36	5,163	16	9	0	0	0	0	11	
331521	Aluminum Die-Casting Foundries	1,424	8	1,257	5	0	0	0	0	0	Q	
331524	Aluminum Foundries, except Die-Casting	616	26	431	5	9	0	0	0	0	7	
332	Fabricated Metal Products	17,626	Q	12,905	Q	Q	0	0	Q	0	W	
333	Machinery	18,701	191	7,608	Q	Q	0	57	W	0	Q	
334	Computer and Electronic Products	4,232	Q	2,429	Q	Q	0	0	Q	0	0	
334413	Semiconductors and Related Devices	645	0	598	0	0	0	0	0	0	0	
335	Electrical Equip., Appliances, and Components	4,300	Q	3,322	Q	Q	Q	Q	Q	Q	Q	
336	Transportation Equipment	29,735	353	25,409	227	Q	0	0	0	0	2	
336111	Automobiles	2,324	0	2,062	0	0	0	0	0	0	0	
336112	Light Trucks and Utility Vehicles	2,468	0	2,039	0	0	0	0	0	0	0	
3364	Aerospace Product and Parts	2,017	134	1,763	112	3	0	0	0	0	2	
336411	Aircraft	804	33	767	28	3	0	0	0	0	2	
337	Furniture and Related Products	2,935	0	2,018	0	0	0	0	0	0	0	
339	Miscellaneous	2,719	Q	1,745	Q	Q	Q	0	0	0	0	
	Total	273,828	7,790	210,399	3,804	1,770	433	442	325	44	1,878	
South Census Region												
311	Food	24,201	446	16,397	298	113	0	0	0	0	Q	
3112	Grain and Oilseed Milling	3,027	Q	2,465	0	0	0	0	0	0	Q	
311221	Wet Corn Milling	885	0	W	0	0	0	0	0	0	0	
31131	Sugar Manufacturing	143	20	92	20	0	0	0	0	0	0	
3114	Fruit and Vegetable Preserving and Specialty Foods	2,309	12	1,481	12	0	0	0	0	0	0	

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Kilowatthours.

NAICS Code(a)	Subsector and Industry	Electricity Receipts			Alternative Energy Sources(b)								
		Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)		
3115	Dairy Products	1,399	63	522	0	63	0	0	0	0	0	0	0
3116	Animal Slaughtering and Processing	8,550	Q	6,225	Q	*	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	4,124	332	2,904	0	W	0	0	0	Q	0	0	0
3121	Beverages	2,914	332	1,732	0	W	0	0	0	Q	0	0	0
3122	Tobacco	1,210	0	1,172	0	0	0	0	0	0	0	0	0
313	Textile Mills	17,917	Q	13,499	0	0	0	0	Q	0	0	0	0
314	Textile Product Mills	5,145	W	4,362	W	22	Q	0	*	0	0	0	0
315	Apparel	1,686	Q	1,378	Q	Q	0	*	Q	0	0	0	0
316	Leather and Allied Products	93	0	49	0	0	0	0	0	0	0	0	0
321	Wood Products	12,145	100	9,169	Q	55	0	*	9	0	0	6	6
321113	Sawmills	3,674	28	2,520	*	Q	0	*	0	0	0	6	6
3212	Veneer, Plywood, and Engineered Woods	6,140	0	5,113	0	0	0	0	0	0	0	0	0
3219	Other Wood Products	2,112	63	1,376	Q	Q	0	0	2	0	0	0	0
322	Paper	36,288	1,999	30,147	1,690	209	375	217	0	0	0	330	330
322110	Pulp Mills	W	W	1,213	W	W	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	10,805	746	9,026	591	0	33	124	0	0	0	0	0
322122	Newsprint Mills	3,468	0	1,488	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	12,651	1,122	10,909	967	W	342	92	0	0	0	330	330
323	Printing and Related Support	5,002	W	3,103	W	0	0	0	0	0	0	0	0
324	Petroleum and Coal Products	23,782	811	19,821	640	69	0	0	0	0	0	W	W
324110	Petroleum Refineries	22,800	732	19,075	615	35	0	0	0	0	0	W	W
324199	Other Petroleum and Coal Products	233	20	204	*	0	0	0	0	0	0	20	20
325	Chemicals	96,272	2,824	66,768	665	479	W	659	W	0	0	84	84
325110	Petrochemicals	W	W	3,964	W	0	W	0	0	0	0	0	0
325120	Industrial Gases	9,514	*	3,937	0	*	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	5,691	3	5,102	3	0	0	0	0	0	0	0	0
325182	Carbon Black	628	0	628	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	18,994	355	4,595	0	3	0	352	0	0	0	0	0
325192	Cyclic Crudes and Intermediates	2,191	0	W	0	0	0	0	0	0	0	0	0
325193	Ethyl Alcohol	47	0	42	0	0	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	W	279	16,031	258	179	0	0	0	0	0	18	18
325211	Plastics Materials and Resins	15,614	22	14,064	Q	0	0	0	0	0	0	4	4
325212	Synthetic Rubber	1,380	8	1,135	8	*	0	0	*	0	0	0	0
325222	Noncellulosic Organic Fibers	4,853	517	4,301	6	17	W	307	0	0	0	8	8
325311	Nitrogenous Fertilizers	1,640	9	1,631	9	0	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	W	0	W	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	2,427	299	1,725	101	261	0	0	0	0	0	0	0
325412	Pharmaceutical Preparation	1,596	285	1,074	101	247	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	0	230	0	0	0	0	0	0	0	0	0
326	Plastics and Rubber Products	19,701	Q	14,486	Q	0	*	0	0	0	0	0	0
327	Nonmetallic Mineral Products	19,041	692	14,783	464	162	W	0	Q	0	0	13	13
327211	Flat Glass	868	W	624	0	W	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	1,746	6	905	0	6	0	0	0	0	0	0	0
327213	Glass Containers	1,341	65	1,115	65	0	0	0	23	0	0	0	0
327215	Glass Products from Purchased Glass	1,299	Q	991	Q	Q	W	0	Q	0	0	Q	Q
327310	Cements	5,406	303	4,974	291	12	0	0	0	0	0	0	0
327410	Lime	648	0	405	0	0	0	0	0	0	0	0	0
327420	Gypsum	848	0	761	0	0	0	0	0	0	0	0	0
327993	Mineral Wool	1,416	13	842	0	0	0	0	0	0	0	13	13
331	Primary Metals	59,919	5,107	46,173	W	107	9	4,844	33	107	0	6	6
331111	Iron and Steel Mills	19,830	2	17,668	*	2	0	0	0	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	1,028	0	1,028	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	1,504	Q	1,017	Q	0	0	0	0	0	0	0	0
3313	Alumina and Aluminum	29,070	4,886	19,501	*	0	0	4,844	33	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	269	0	232	0	0	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	1,888	0	1,360	0	0	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	708	42	502	0	0	0	0	33	0	0	0	0
3314	Nonferrous Metals, except Aluminum	3,662	W	2,678	W	W	0	0	0	0	0	Q	Q
3315	Foundries	4,825	W	4,282	56	W	9	0	0	0	0	5	5
331511	Iron Foundries	2,541	53	2,342	53	0	0	0	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	331	15	205	0	W	9	0	0	0	0	5	5
331524	Aluminum Foundries, except Die-Casting	330	W	273	3	W	0	0	0	0	0	0	0
332	Fabricated Metal Products	13,937	581	8,853	Q	W	0	0	0	0	0	W	W
333	Machinery	7,234	0	5,679	0	0	0	0	0	0	0	0	0
334	Computer and Electronic Products	7,673	85	5,161	Q	50	0	0	0	0	0	4	4

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Kilowatthours.

		Electricity Receipts			Alternative Energy Sources(b)						
NAICS Code(a)	Subsector and Industry	Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)
334413	Semiconductors and Related Devices	3,356	10	2,900	6	0	0	0	0	0	4
335	Electrical Equip., Appliances, and Components	6,326	Q	4,705	Q	0	0	0	0	0	0
336	Transportation Equipment	15,678	399	9,969	230	154	0	0	Q	0	Q
336111	Automobiles	1,360	*	W	0	0	0	0	*	0	0
336112	Light Trucks and Utility Vehicles	2,026	0	1,881	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	4,253	329	3,132	161	154	0	0	0	0	Q
336411	Aircraft	1,502	113	1,341	104	8	0	0	0	0	0
337	Furniture and Related Products	5,112	Q	1,759	Q	0	W	0	Q	0	0
339	Miscellaneous	2,720	W	1,763	W	Q	W	0	W	0	Q
	Total	383,995	13,761	280,929	4,544	1,989	739	5,901	290	0	633
West Census Region											
311	Food	13,071	468	10,230	203	227	0	0	4	0	Q
3112	Grain and Oilseed Milling	578	0	470	0	0	0	0	0	0	0
311221	Wet Corn Milling	65	0	65	0	0	0	0	0	0	0
31131	Sugar Manufacturing	225	0	217	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	3,834	295	3,034	174	81	0	0	0	0	Q
3115	Dairy Products	3,734	103	Q	Q	Q	0	0	3	0	0
3116	Animal Slaughtering and Processing	1,563	0	1,173	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	2,097	W	1,665	0	W	0	0	0	0	Q
3121	Beverages	2,097	W	1,665	0	W	0	0	0	0	Q
3122	Tobacco	0	0	0	0	0	0	0	0	0	0
313	Textile Mills	Q	0	Q	0	0	0	0	0	0	0
314	Textile Product Mills	103	0	100	0	0	0	0	0	0	0
315	Apparel	147	0	83	0	0	0	0	0	0	0
316	Leather and Allied Products	22	*	14	*	0	0	0	*	0	0
321	Wood Products	6,100	57	4,332	1	17	0	0	Q	0	23
321113	Sawmills	3,023	33	2,129	1	9	0	0	0	0	23
3212	Veneer, Plywood, and Engineered Woods	2,049	Q	1,323	0	0	0	0	Q	0	0
3219	Other Wood Products	943	0	803	0	0	0	0	0	0	0
322	Paper	17,574	1,543	14,044	1,517	469	0	0	0	0	0
322110	Pulp Mills	W	0	W	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	3,234	21	2,688	0	21	0	0	0	0	0
322122	Newsprint Mills	5,006	299	4,122	294	5	0	0	0	0	0
322130	Paperboard Mills	7,311	1,223	5,444	1,223	W	0	0	0	0	0
323	Printing and Related Support	908	Q	366	0	0	0	0	0	0	0
324	Petroleum and Coal Products	6,983	499	6,159	W	W	W	0	W	0	162
324110	Petroleum Refineries	6,453	W	W	W	W	W	0	W	0	162
324199	Other Petroleum and Coal Products	22	0	19	0	0	0	0	0	0	0
325	Chemicals	9,387	468	7,019	163	Q	W	Q	W	Q	103
325110	Petrochemicals	2	0	2	0	0	0	0	0	0	0
325120	Industrial Gases	2,099	0	1,243	0	0	0	0	0	0	0
325181	Alkalies and Chlorine	1,329	0	1,329	0	0	0	0	0	0	0
325182	Carbon Black	*	0	0	0	0	0	0	0	0	0
325188	Other Basic Inorganic Chemicals	3,062	226	2,069	20	0	0	0	0	0	0
325192	Cyclic Crudes and Intermediates	5	0	4	0	0	0	0	0	0	0
325193	Ethyl Alcohol	44	16	28	16	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	217	98	93	0	0	93	0	0	0	98
325211	Plastics Materials and Resins	234	*	206	0	*	0	0	0	0	0
325212	Synthetic Rubber	19	0	13	0	0	0	0	0	0	0
325222	Noncellulosic Organic Fibers	0	0	0	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	224	*	220	*	*	0	*	0	0	0
325312	Phosphatic Fertilizers	W	0	W	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	1,012	Q	869	Q	0	0	0	0	0	0
325412	Pharmaceutical Preparation	587	0	488	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	W	118	191	118	0	0	0	0	0	0
326	Plastics and Rubber Products	3,767	Q	2,023	Q	Q	0	0	0	0	0
327	Nonmetallic Mineral Products	6,595	55	5,693	W	Q	0	0	0	0	0
327211	Flat Glass	218	0	217	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	113	0	92	0	0	0	0	0	0	0
327213	Glass Containers	959	43	916	43	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	290	*	219	*	0	0	0	0	0	0
327310	Cements	2,897	7	2,525	7	0	0	0	0	0	0

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Kilowatthours.

		Electricity Receipts			Alternative Energy Sources(b)						
NAICS Code(a)	Subsector and Industry	Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)
327410	Lime	248	0	248	0	0	0	0	0	0	0
327420	Gypsum	397	0	396	0	0	0	0	0	0	0
327993	Mineral Wool	537	0	397	0	0	0	0	0	0	0
331	Primary Metals	12,172	184	10,968	W	W	0	0	17	0	0
331111	Iron and Steel Mills	3,292	0	2,945	0	0	0	0	0	0	0
331112	Electrometallurgical Ferroalloy Products	3	0	0	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	181	0	158	0	0	0	0	0	0	0
3313	Alumina and Aluminum	4,122	9	4,092	0	9	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	45	9	22	0	9	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	293	0	W	0	0	0	0	0	0	0
331316	Aluminum Extruded Products	238	0	236	0	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	3,713	W	3,089	W	0	0	0	0	0	0
3315	Foundries	861	W	684	2	W	0	0	17	0	0
331511	Iron Foundries	126	5	88	1	2	0	0	2	0	0
331521	Aluminum Die-Casting Foundries	45	1	45	1	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	79	W	47	*	0	0	0	15	0	0
332	Fabricated Metal Products	5,135	Q	4,444	Q	0	0	0	0	0	0
333	Machinery	1,393	Q	1,163	Q	0	0	Q	0	0	0
334	Computer and Electronic Products	10,589	89	8,391	Q	78	0	0	0	0	Q
334413	Semiconductors and Related Devices	6,564	72	5,786	0	72	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	720	0	311	0	0	0	0	0	0	0
336	Transportation Equipment	5,134	116	3,325	108	106	102	0	105	0	111
336111	Automobiles	214	1	W	*	1	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	1	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	4,151	108	2,959	102	102	102	0	102	0	108
336411	Aircraft	937	108	702	102	102	102	0	102	0	108
337	Furniture and Related Products	544	Q	371	Q	0	0	0	0	0	0
339	Miscellaneous	1,615	W	1,372	W	Q	0	0	0	0	0
	Total	104,188	3,752	82,080	2,451	1,141	178	Q	201	Q	451
Economic Characteristic (f)											
Value of Shipments and Receipts (million dollars)											
Under 20		107,674	2,343	64,890	881	843	Q	Q	419	Q	332
20-49		97,750	3,460	65,835	1,187	1,060	Q	48	Q	Q	300
50-99		104,524	2,837	83,745	1,513	600	265	42	250	0	Q
100-249		180,116	3,984	139,987	1,231	1,355	30	Q	30	0	Q
250-499		124,414	2,708	101,139	2,307	809	166	184	8	37	Q
500 and Over		239,624	12,692	191,995	4,725	1,399	1,319	5,864	524	0	996
Total		854,102	28,025	647,591	11,844	6,066	2,349	6,456	1,724	50	3,224
Employment Size											
Under 50		98,324	2,556	58,742	572	726	Q	45	346	Q	177
50-99		69,405	1,709	50,483	852	397	17	22	33	19	368
100-249		195,754	5,074	149,511	2,072	1,540	Q	42	Q	0	Q
250-499		177,432	4,431	140,523	2,433	1,210	435	305	312	0	376
500-999		170,533	9,766	138,083	2,853	1,623	490	5,336	354	25	234
1000 and Over		142,654	4,488	110,248	3,061	571	809	707	105	0	556
Total		854,102	28,025	647,591	11,844	6,066	2,349	6,456	1,724	50	3,224

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

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for electricity receipts during 2006. The quantities are expressed in millions of kilowatthours, and therefore represent the quantity of electricity that could have been displaced by the given alternative type of energy.

(c) 'Total Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for

Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2006;
Level: National Data and Regional Totals;
Row: NAICS Codes, Value of Shipments and Employment Sizes;
Column: Energy Sources;
Unit: Million Kilowatthours.

		Electricity Receipts			Alternative Energy Sources(b)						
NAICS Code(a)	Subsector and Industry	Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)

any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of electricity.

(e) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

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.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2006 Annual Survey of Manufacturers.'

Released: June 2010

Next MECS will be conducted in 2010

RSE Table 10.6 Relative Standard Errors for Table 10.6:
Unit: Percents.

NAICS Code(a)	Subsector and Industry	Electricity Receipts			Alternative Energy Sources(b)						
		Total Receipts(c)	Switchable	Not Switchable	Natural Gas	Distillate Fuel Oil	Residual Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(d)
Total United States											
311	Food	4.1	11.9	4.6	23.9	15.0	X	3.8	43.0	X	39.0
3112	Grain and Oilseed Milling	4.7	21.1	5.4	0.0	46.7	X	0.0	0.0	X	55.7
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	7.8	28.3	7.6	37.2	45.1	X	X	X	X	98.1
3115	Dairy Products	17.2	15.8	23.2	55.0	18.8	X	X	61.3	X	11.5
3116	Animal Slaughtering and Processing	5.7	43.8	6.9	56.2	6.5	X	X	X	X	58.2
312	Beverage and Tobacco Products	4.6	8.0	5.4	94.4	0.8	X	X	96.1	X	2.8
3121	Beverages	5.4	8.0	6.8	94.4	0.8	X	X	96.1	X	2.8
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	12.1	84.9	13.2	90.1	X	98.0	89.5	X	X	X
314	Textile Product Mills	22.4	30.7	25.9	39.5	21.6	97.3	X	69.1	X	97.3
315	Apparel	14.5	63.4	18.1	73.7	69.2	X	97.4	97.4	X	X
316	Leather and Allied Products	17.0	15.9	22.0	22.3	X	X	X	1.7	X	X
321	Wood Products	10.3	20.5	13.1	51.7	28.2	X	0.0	63.9	X	3.4
321113	Sawmills	5.8	16.1	2.2	0.2	24.3	X	0.0	X	X	3.3
3212	Veneer, Plywood, and Engineered Woods	5.1	97.0	5.4	X	X	X	X	97.0	X	X
3219	Other Wood Products	28.2	36.3	33.9	55.3	39.9	X	X	41.0	X	97.6
322	Paper	3.2	0.8	3.9	0.5	0.1	0.0	0.0	95.0	0.0	0.0
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0
322122	Newsprint Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
323	Printing and Related Support	10.3	59.8	13.3	60.7	72.5	X	X	X	X	X
324	Petroleum and Coal Products	1.0	3.8	0.9	3.1	21.2	0.0	X	15.1	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
325	Chemicals	8.1	23.4	10.9	4.3	4.0	1.8	0.7	55.4	97.2	22.5
325110	Petrochemicals	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
325120	Industrial Gases	4.9	61.7	3.3	X	61.7	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325182	Carbon Black	0.0	X	0.0	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	2.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	1.6	12.0	1.1	0.0	0.5	X	X	X	X	30.1
325211	Plastics Materials and Resins	2.1	27.0	2.2	65.4	7.0	X	X	X	X	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	3.0	5.1	3.3	7.4	5.1	X	X	15.2	X	X
325412	Pharmaceutical Preparation	3.6	6.9	4.0	11.2	5.6	X	X	20.9	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	2.9	0.0	0.2	0.0	X	X	0.0	X	X	X
326	Plastics and Rubber Products	8.4	63.1	9.6	86.5	97.4	97.3	X	97.4	X	85.1
327	Nonmetallic Mineral Products	5.5	20.1	6.7	17.3	23.4	62.9	X	38.7	X	9.5
327211	Flat Glass	0.0	0.0	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	41.7	0.0	54.6	0.0	0.0	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X

327215	Glass Products from Purchased Glass	2.6	49.2	3.1	66.7	51.3	62.9	X	X	X	63.9
327310	Cements	1.3	2.4	1.5	0.0	33.8	X	X	X	X	11.1
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	1.5	X	1.4	X	X	X	X	X	X	X
327993	Mineral Wool	0.3	0.0	0.4	X	0.0	X	X	X	X	0.0
331	Primary Metals	0.5	0.9	0.6	1.8	2.2	0.0	0.0	7.0	0.0	7.1
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3312	Steel Products from Purchased Steel	4.1	24.9	5.0	46.7	10.6	X	X	0.0	X	X
3313	Alumina and Aluminum	0.3	0.1	0.1	0.0	3.9	X	0.0	10.0	0.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	X	X	0.0	X	0.0	X
331316	Aluminum Extruded Products	6.9	9.3	1.6	0.0	6.5	X	X	10.0	X	X
3314	Nonferrous Metals, except Aluminum	2.7	16.1	2.8	4.0	0.5	X	X	91.3	X	91.3
3315	Foundries	3.5	2.6	4.0	0.9	0.0	0.0	X	0.0	X	6.5
331511	Iron Foundries	1.8	0.5	1.9	0.6	0.0	X	X	0.0	X	0.0
331521	Aluminum Die-Casting Foundries	28.6	7.4	33.7	3.8	0.0	0.0	X	X	X	21.3
331524	Aluminum Foundries, except Die-Casting	1.4	8.9	1.7	7.3	0.0	X	X	0.0	X	0.0
332	Fabricated Metal Products	9.5	40.5	11.4	59.0	56.5	99.0	X	95.7	X	70.7
333	Machinery	24.0	37.2	15.6	71.1	81.1	X	38.0	99.0	X	94.0
334	Computer and Electronic Products	6.6	57.4	6.7	46.1	66.2	92.6	X	97.6	X	50.0
334413	Semiconductors and Related Devices	4.6	28.2	5.1	0.0	30.6	X	X	X	X	0.0
335	Electrical Equip., Appliances, and Components	9.8	81.8	11.6	82.4	61.6	70.2	70.2	70.2	70.2	70.2
336	Transportation Equipment	7.7	13.9	9.1	19.2	19.4	0.0	X	38.8	X	23.7
336111	Automobiles	1.2	0.0	1.6	0.0	0.0	X	X	0.0	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	7.2	6.6	3.7	9.8	0.0	0.0	X	0.0	X	24.2
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0
337	Furniture and Related Products	20.2	46.2	13.7	62.0	X	88.3	X	98.8	X	X
339	Miscellaneous	12.6	51.0	14.1	52.4	89.0	77.0	96.5	87.8	X	99.2
	Total	2.1	5.9	2.4	5.8	11.0	17.0	2.6	24.6	14.9	28.7

Northeast Census Region

311	Food	8.6	24.2	9.6	74.5	31.9	X	X	62.1	X	11.5
3112	Grain and Oilseed Milling	25.8	X	28.7	X	X	X	X	X	X	X
311221	Wet Corn Milling	0.0	X	0.0	X	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	X	X	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	20.1	X	22.4	X	X	X	X	X	X	X
3115	Dairy Products	12.0	26.1	14.4	X	0.0	X	X	68.6	X	11.5
3116	Animal Slaughtering and Processing	22.3	X	22.8	X	X	X	X	X	X	X
312	Beverage and Tobacco Products	9.8	19.2	13.4	94.4	0.0	X	X	X	X	1.0
3121	Beverages	10.0	19.2	13.8	94.4	0.0	X	X	X	X	1.0
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	36.2	90.1	36.9	90.1	X	98.0	X	X	X	X
314	Textile Product Mills	33.3	X	35.1	X	X	X	X	X	X	X
315	Apparel	30.4	97.4	45.9	97.4	97.4	X	X	X	X	X
316	Leather and Allied Products	36.4	65.2	43.0	65.2	X	X	X	X	X	X
321	Wood Products	10.9	31.8	15.1	X	33.2	X	X	X	X	28.6
321113	Sawmills	14.7	31.8	20.3	X	33.2	X	X	X	X	28.6
3212	Veneer, Plywood, and Engineered Woods	25.5	X	31.1	X	X	X	X	X	X	X
3219	Other Wood Products	15.4	X	25.2	X	X	X	X	X	X	X
322	Paper	3.6	10.7	3.7	47.3	2.5	0.0	0.0	95.0	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	X	X	X	X	X	X
323	Printing and Related Support	21.7	52.0	28.5	52.0	X	X	X	X	X	X
324	Petroleum and Coal Products	4.0	23.9	3.9	22.0	27.7	0.0	X	25.7	X	X
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325	Chemicals	3.3	12.9	3.8	0.0	0.0	X	0.0	X	X	90.5

325110	Petrochemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325120	Industrial Gases	3.5	X	7.2	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	X	0.0	X	X	X	X	X	X	X
325182	Carbon Black	X	X	X	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	6.2	X	7.2	X	X	X	X	X	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	10.9	90.5	7.6	X	X	X	X	X	X	90.5
325211	Plastics Materials and Resins	13.7	X	16.7	X	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325222	Noncellulosic Organic Fibers	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325312	Phosphatic Fertilizers	X	X	X	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	4.5	0.0	5.0	0.0	0.0	X	X	X	X	X
325412	Pharmaceutical Preparation	5.2	0.0	6.2	0.0	0.0	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.4	0.0	0.1	0.0	X	X	0.0	X	X	X
326	Plastics and Rubber Products	22.7	93.0	26.5	97.4	97.4	X	97.4	X	X	97.4
327	Nonmetallic Mineral Products	5.4	36.7	5.6	62.8	7.0	56.4	X	0.0	X	11.1
327211	Flat Glass	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.8	X	0.7	X	X	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X
327215	Glass Products from Purchased Glass	4.3	56.2	4.0	0.0	56.4	X	X	X	X	X
327310	Cements	2.1	11.1	0.4	X	X	X	X	X	X	11.1
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	0.1	X	0.1	X	X	X	X	X	X	X
327993	Mineral Wool	1.2	X	1.4	X	X	X	X	X	X	X
331	Primary Metals	1.4	75.4	1.5	0.0	41.2	X	X	91.3	X	X
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	X	X	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	X	X	X	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	15.3	43.6	21.7	X	43.6	X	X	X	X	X
3313	Alumina and Aluminum	0.1	X	0.1	X	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331316	Aluminum Extruded Products	1.5	X	1.8	X	X	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	9.3	88.5	10.2	X	75.5	X	X	91.3	X	X
3315	Foundries	6.1	X	6.9	X	X	X	X	X	X	X
331511	Iron Foundries	9.1	X	11.0	X	X	X	X	X	X	X
331521	Aluminum Die-Casting Foundries	2.1	X	2.1	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	7.1	X	6.5	X	X	X	X	X	X	X
332	Fabricated Metal Products	19.9	88.3	23.4	82.6	99.0	99.0	X	99.0	X	X
333	Machinery	40.7	73.7	59.1	77.6	X	X	X	X	X	99.0
334	Computer and Electronic Products	10.6	45.4	11.7	93.5	56.3	92.6	X	X	X	X
334413	Semiconductors and Related Devices	4.7	82.5	4.9	0.0	82.7	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	20.8	82.7	22.4	82.7	X	X	X	X	X	X
336	Transportation Equipment	46.6	0.0	50.7	0.0	X	0.0	X	X	X	X
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	6.5	0.0	7.3	0.0	X	0.0	X	X	X	X
336411	Aircraft	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
337	Furniture and Related Products	32.8	98.8	48.0	98.8	X	X	X	X	X	X
339	Miscellaneous	23.8	71.1	27.3	70.5	80.5	X	96.5	99.2	X	X
	Total	4.8	17.1	5.7	15.3	35.1	39.9	36.5	44.9	X	21.4

Midwest Census Region

311	Food	4.1	13.9	4.6	24.8	19.7	X	3.8	9.1	X	69.0
3112	Grain and Oilseed Milling	5.5	21.5	6.3	0.0	46.7	X	0.0	0.0	X	20.3
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	X	0.0	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	17.8	0.0	20.6	X	0.0	X	X	X	X	X
3115	Dairy Products	8.6	5.2	10.1	X	5.2	X	X	X	X	X
3116	Animal Slaughtering and Processing	8.3	44.9	9.3	67.0	6.5	X	X	X	X	58.2
312	Beverage and Tobacco Products	9.4	0.0	10.7	X	X	X	X	X	X	0.0

3121	Beverages	9.5	0.0	10.9	X	X	X	X	X	X	0.0
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	58.5	X	68.8	X	X	X	X	X	X	X
314	Textile Product Mills	71.2	94.6	77.8	97.3	X	X	X	97.3	X	97.3
315	Apparel	39.9	X	49.1	X	X	X	X	X	X	X
316	Leather and Allied Products	20.1	0.0	21.2	0.0	X	X	X	0.0	X	X
321	Wood Products	36.6	52.3	42.0	X	53.0	X	X	X	X	95.4
321113	Sawmills	8.6	97.8	10.4	X	98.2	X	X	X	X	82.3
3212	Veneer, Plywood, and Engineered Woods	21.0	X	15.9	X	X	X	X	X	X	X
3219	Other Wood Products	45.8	53.4	49.8	X	54.1	X	X	X	X	97.6
322	Paper	3.3	0.1	3.8	0.0	0.2	0.0	0.0	X	0.0	0.0
322110	Pulp Mills	0.0	0.0	0.0	X	X	X	X	X	X	0.0
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	X	X	X	X	X	X
323	Printing and Related Support	16.7	70.0	20.4	79.5	72.5	X	X	X	X	X
324	Petroleum and Coal Products	3.3	2.1	3.2	0.0	90.6	0.0	X	0.0	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	30.4	15.0	36.6	0.0	7.0	0.0	0.0	72.2	X	0.0
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	4.1	X	7.7	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325182	Carbon Black	0.0	X	0.0	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	4.1	0.0	4.5	0.0	X	0.0	X	0.0	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0
325199	Other Basic Organic Chemicals	6.7	X	1.8	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	7.4	0.0	7.4	X	0.0	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X
325222	Noncellulosic Organic Fibers	0.0	X	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	3.7	13.0	3.1	0.0	14.1	X	X	15.2	X	X
325412	Pharmaceutical Preparation	3.4	20.5	3.2	X	21.5	X	X	20.9	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.7	0.0	1.1	0.0	X	X	X	X	X	X
326	Plastics and Rubber Products	13.4	58.0	15.6	92.4	X	X	X	X	X	97.4
327	Nonmetallic Mineral Products	16.7	0.7	20.8	0.6	2.4	X	X	0.0	X	X
327211	Flat Glass	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	73.5	0.0	82.5	0.0	X	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
327215	Glass Products from Purchased Glass	3.3	0.0	4.0	X	0.0	X	X	X	X	X
327310	Cements	4.9	0.0	6.2	0.0	X	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	2.6	X	2.6	X	X	X	X	X	X	X
327993	Mineral Wool	0.4	0.0	0.5	X	0.0	X	X	X	X	X
331	Primary Metals	1.3	0.7	1.5	0.4	1.9	0.0	0.0	16.3	0.0	8.1
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3312	Steel Products from Purchased Steel	4.8	3.3	5.1	10.1	0.0	X	X	0.0	X	X
3313	Alumina and Aluminum	1.9	10.7	0.3	0.0	4.8	X	0.0	21.8	0.0	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	0.0	X	X	0.0	X	0.0	X
331316	Aluminum Extruded Products	17.9	17.2	4.2	0.0	6.5	X	X	21.8	X	X
3314	Nonferrous Metals, except Aluminum	3.1	26.8	3.0	62.1	0.0	X	X	X	X	X
3315	Foundries	5.7	5.9	6.4	1.9	0.0	X	X	X	X	8.1
331511	Iron Foundries	1.2	0.0	1.3	0.0	0.0	X	X	X	X	0.0
331521	Aluminum Die-Casting Foundries	38.8	21.4	44.0	0.0	X	X	X	X	X	67.5
331524	Aluminum Foundries, except Die-Casting	1.4	15.7	1.7	12.0	0.0	X	X	X	X	0.0
332	Fabricated Metal Products	15.5	54.5	19.4	85.8	67.8	X	X	99.0	X	71.2
333	Machinery	39.2	39.6	19.0	98.3	81.1	X	39.3	99.0	X	99.0
334	Computer and Electronic Products	26.6	94.5	27.4	69.4	97.6	X	X	97.6	X	X
334413	Semiconductors and Related Devices	6.2	X	6.7	X	X	X	X	X	X	X

335	Electrical Equip., Appliances, and Components	18.4	90.0	20.4	90.6	61.6	70.2	70.2	70.2	70.2	70.2
336	Transportation Equipment	8.8	31.1	9.5	36.5	66.6	X	X	X	X	31.3
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	8.1	12.3	8.9	0.0	0.0	X	X	X	X	0.0
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
337	Furniture and Related Products	16.4	X	19.9	X	X	X	X	X	X	X
339	Miscellaneous	21.9	88.8	27.6	71.8	99.1	81.9	X	X	X	X
	Total	5.8	15.5	6.6	16.2	26.9	2.8	5.3	12.4	11.1	48.9

South Census Region

311	Food	8.2	34.4	8.3	49.0	31.0	X	X	X	X	93.1
3112	Grain and Oilseed Milling	10.0	93.1	12.1	X	X	X	X	X	X	93.1
311221	Wet Corn Milling	0.0	X	0.0	X	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	17.6	0.0	10.7	0.0	X	X	X	X	X	X
3115	Dairy Products	15.4	0.0	22.8	X	0.0	X	X	X	X	X
3116	Animal Slaughtering and Processing	7.1	96.2	8.8	96.5	59.1	X	X	X	X	X
312	Beverage and Tobacco Products	6.7	14.1	7.2	X	0.2	X	X	96.1	X	X
3121	Beverages	9.4	14.1	12.1	X	0.2	X	X	96.1	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	12.9	89.5	14.0	X	X	X	89.5	X	X	X
314	Textile Product Mills	25.5	32.3	29.3	42.6	21.6	97.3	X	97.3	X	X
315	Apparel	16.9	74.4	19.9	97.4	97.4	X	97.4	97.4	X	X
316	Leather and Allied Products	16.5	X	30.2	X	X	X	X	X	X	X
321	Wood Products	3.3	30.3	3.9	53.1	47.0	X	0.0	10.0	X	14.6
321113	Sawmills	2.4	36.9	3.0	28.1	79.3	X	0.0	X	X	14.6
3212	Veneer, Plywood, and Engineered Woods	5.6	X	6.4	X	X	X	X	X	X	X
3219	Other Wood Products	8.5	45.3	9.8	55.3	54.2	X	X	41.0	X	X
322	Paper	6.6	0.0	7.9	0.0	0.0	0.0	0.0	X	X	0.0
322110	Pulp Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	X	0.0	0.0	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
323	Printing and Related Support	18.0	76.4	24.1	76.4	X	X	X	X	X	X
324	Petroleum and Coal Products	0.7	7.1	0.7	3.8	48.1	X	X	X	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
325	Chemicals	2.2	32.4	2.5	7.4	5.3	0.0	0.0	93.4	X	42.3
325110	Petrochemicals	0.0	0.0	0.0	0.0	X	0.0	X	X	X	X
325120	Industrial Gases	10.1	61.7	0.8	X	61.7	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325182	Carbon Black	0.0	X	0.0	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	2.3	0.0	9.4	X	0.0	X	0.0	X	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	1.2	0.3	1.4	0.0	0.5	X	X	X	X	0.0
325211	Plastics Materials and Resins	1.8	31.0	1.9	65.4	X	X	X	X	X	0.0
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X
325222	Noncellulosic Organic Fibers	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X	0.0
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	8.5	10.8	10.4	27.5	6.8	X	X	X	X	X
325412	Pharmaceutical Preparation	11.5	11.3	15.3	27.5	7.2	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	10.8	X	0.4	X	X	X	X	X	X	X
326	Plastics and Rubber Products	13.7	72.3	15.1	81.4	X	80.7	X	X	X	X
327	Nonmetallic Mineral Products	5.2	28.9	6.2	21.4	33.8	72.4	X	65.2	X	3.3
327211	Flat Glass	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	0.6	0.0	1.1	X	0.0	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
327215	Glass Products from Purchased Glass	5.7	68.6	7.1	79.7	72.4	72.4	X	X	X	63.9
327310	Cements	1.3	1.4	1.4	0.0	33.8	X	X	X	X	X

327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	2.9	X	3.0	X	X	X	X	X	X	X
327993	Mineral Wool	0.6	0.0	0.7	X	X	X	X	X	X	0.0
331	Primary Metals	0.5	0.4	0.5	17.4	0.0	0.0	0.0	0.0	X	14.9
331111	Iron and Steel Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	0.0	X	0.0	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	7.4	68.4	10.5	68.4	X	X	X	X	X	X
3313	Alumina and Aluminum	0.1	0.1	0.1	0.0	X	X	0.0	0.0	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	X	0.0	X	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X
331316	Aluminum Extruded Products	2.5	8.4	2.4	X	X	X	X	0.0	X	X
3314	Nonferrous Metals, except Aluminum	5.7	5.6	5.5	25.3	0.0	X	X	X	X	91.3
3315	Foundries	3.1	0.6	3.3	0.8	0.0	0.0	X	X	X	0.0
331511	Iron Foundries	4.9	0.9	5.3	0.9	X	X	X	X	X	X
331521	Aluminum Die-Casting Foundries	7.6	0.0	2.0	X	0.0	0.0	X	X	X	0.0
331524	Aluminum Foundries, except Die-Casting	2.9	0.0	3.5	0.0	0.0	X	X	X	X	X
332	Fabricated Metal Products	16.2	44.6	18.3	65.0	73.0	X	X	X	X	99.0
333	Machinery	19.4	X	22.0	X	X	X	X	X	X	X
334	Computer and Electronic Products	11.8	22.1	12.2	59.8	0.0	X	X	X	X	0.0
334413	Semiconductors and Related Devices	2.3	0.0	2.7	0.0	X	X	X	X	X	0.0
335	Electrical Equip., Appliances, and Components	14.0	97.1	17.3	97.1	X	X	X	X	X	X
336	Transportation Equipment	10.1	19.9	10.9	34.0	0.0	X	X	97.2	X	90.5
336111	Automobiles	3.3	0.0	6.1	X	X	X	X	0.0	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	12.9	12.5	8.5	24.5	0.0	X	X	X	X	90.5
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
337	Furniture and Related Products	34.9	55.0	23.2	98.8	X	88.3	X	98.8	X	X
339	Miscellaneous	28.0	90.9	29.3	93.0	72.0	99.2	X	99.2	X	99.2
	Total	1.8	7.3	1.9	5.6	11.1	3.3	2.7	36.0	X	9.7

West Census Region

311	Food	14.3	23.0	17.9	34.7	31.7	X	X	24.0	X	98.1
3112	Grain and Oilseed Milling	27.0	X	29.5	X	X	X	X	X	X	X
311221	Wet Corn Milling	0.0	X	0.0	X	X	X	X	X	X	X
31131	Sugar Manufacturing	0.0	X	0.0	X	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Foods	9.4	29.8	10.1	39.8	47.5	X	X	X	X	98.1
3115	Dairy Products	45.0	49.1	54.3	55.0	52.1	X	X	0.0	X	X
3116	Animal Slaughtering and Processing	34.0	X	44.8	X	X	X	X	X	X	X
312	Beverage and Tobacco Products	11.4	3.2	13.2	X	2.5	X	X	X	X	96.1
3121	Beverages	11.4	3.2	13.2	X	2.5	X	X	X	X	96.1
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	61.8	X	79.1	X	X	X	X	X	X	X
314	Textile Product Mills	37.2	X	38.4	X	X	X	X	X	X	X
315	Apparel	32.3	X	43.2	X	X	X	X	X	X	X
316	Leather and Allied Products	30.4	79.9	39.9	84.5	X	X	X	96.2	X	X
321	Wood Products	8.3	28.5	4.8	0.0	0.0	X	X	97.0	X	0.0
321113	Sawmills	14.0	0.0	1.3	0.0	0.0	X	X	X	X	0.0
3212	Veneer, Plywood, and Engineered Woods	12.2	97.0	13.3	X	X	X	X	97.0	X	X
3219	Other Wood Products	11.5	X	13.0	X	X	X	X	X	X	X
322	Paper	1.7	0.0	2.0	0.0	0.0	X	X	X	X	X
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	X	0.0	X	X	X	X	X
322122	Newsprint Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
323	Printing and Related Support	25.9	97.7	34.8	X	X	X	X	X	X	X
324	Petroleum and Coal Products	2.5	3.6	2.5	4.3	31.8	0.0	X	0.0	X	0.0
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	2.9	1.4	3.8	4.0	92.2	97.2	97.2	96.7	97.2	5.4
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	6.0	X	10.1	X	X	X	X	X	X	X
325181	Alkalies and Chlorine	0.0	X	0.0	X	X	X	X	X	X	X

325182	Carbon Black	0.0	X	X	X	X	X	X	X	X	X	X
325188	Other Basic Inorganic Chemicals	6.3	0.0	9.2	0.0	X	X	X	X	X	X	X
325192	Cyclic Crudes and Intermediates	0.0	X	0.0	X	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	15.7	0.0	28.6	X	X	X	X	X	X	X	0.0
325211	Plastics Materials and Resins	29.2	78.4	31.1	X	78.4	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X	X
325222	Noncellulosic Organic Fibers	X	X	X	X	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	7.9	95.0	8.5	95.0	X	X	X	X	X	X	X
325412	Pharmaceutical Preparation	9.4	X	10.4	X	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	2.6	0.0	0.6	0.0	X	X	X	X	X	X	X
326	Plastics and Rubber Products	23.1	97.0	28.4	97.4	97.4	X	X	X	X	X	X
327	Nonmetallic Mineral Products	4.0	5.2	4.4	4.6	68.8	X	X	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	9.8	X	4.2	X	X	X	X	X	X	X	X
327213	Glass Containers	0.0	0.0	0.0	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	4.7	64.1	2.7	64.1	X	X	X	X	X	X	X
327310	Cements	1.0	0.0	1.1	0.0	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X	X
327420	Gypsum	1.1	X	1.1	X	X	X	X	X	X	X	X
327993	Mineral Wool	0.5	X	0.7	X	X	X	X	X	X	X	X
331	Primary Metals	1.7	0.1	1.9	0.1	0.0	X	X	0.0	X	X	X
331111	Iron and Steel Mills	0.0	X	0.0	X	X	X	X	X	X	X	X
331112	Electrometallurgical Ferroalloy Products	0.0	X	X	X	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	15.4	X	17.0	X	X	X	X	X	X	X	X
3313	Alumina and Aluminum	0.1	0.0	0.1	X	0.0	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	X	0.0	X	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	X	0.0	X	X	X	X	X	X	X	X
331316	Aluminum Extruded Products	1.3	X	1.2	X	X	X	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	5.3	0.0	6.4	0.0	X	X	X	X	X	X	X
3315	Foundries	6.9	1.1	7.5	14.7	0.0	X	X	0.0	X	X	X
331511	Iron Foundries	14.3	0.0	18.6	0.0	0.0	X	X	0.0	X	X	X
331521	Aluminum Die-Casting Foundries	26.1	44.5	26.4	44.5	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	5.9	0.2	8.4	50.0	X	X	X	0.0	X	X	X
332	Fabricated Metal Products	29.2	99.0	32.8	99.0	X	X	X	X	X	X	X
333	Machinery	32.8	99.0	37.2	99.0	X	X	99.0	X	X	X	X
334	Computer and Electronic Products	9.1	10.6	10.1	97.6	8.5	X	X	X	X	X	75.1
334413	Semiconductors and Related Devices	8.7	0.0	9.8	X	0.0	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	35.0	X	37.4	X	X	X	X	X	X	X	X
336	Transportation Equipment	12.5	3.8	3.3	4.1	3.0	0.0	X	3.0	X	X	2.9
336111	Automobiles	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	0.0	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	14.4	0.0	2.6	0.0	0.0	0.0	X	0.0	X	X	0.0
336411	Aircraft	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	0.0
337	Furniture and Related Products	30.3	98.8	40.9	98.8	X	X	X	X	X	X	X
339	Miscellaneous	24.5	64.5	27.6	77.4	85.4	X	X	X	X	X	X
	Total	2.9	3.5	3.3	3.0	6.5	3.1	75.4	8.7	97.2	8.9	

Economic Characteristic (f)

**Value of Shipments and Receipts
(million dollars)**

Under 20	7.5	16.5	5.0	21.6	32.2	68.7	62.4	31.8	82.0	42.6
20-49	4.1	26.2	4.5	15.7	38.1	88.8	11.4	78.9	54.3	14.7
50-99	4.0	25.1	4.6	37.1	16.4	0.0	0.0	30.7	X	75.2
100-249	6.8	21.4	8.5	4.4	30.5	25.6	51.7	9.1	X	73.6
250-499	2.6	4.0	3.0	4.4	1.6	0.0	0.0	12.4	0.0	59.7
500 and Over	1.4	0.7	1.6	1.7	2.5	0.8	0.4	0.0	X	0.0
Total	2.1	5.9	2.4	5.8	11.0	17.0	2.6	24.6	14.9	28.7

Employment Size

Under 50	8.1	32.3	5.0	24.4	31.9	64.0	11.6	36.2	82.0	21.3
50-99	3.5	14.3	3.8	21.1	19.8	37.8	17.4	11.8	19.7	35.4
100-249	6.0	21.9	7.7	27.0	28.2	85.3	0.0	68.1	X	55.6
250-499	2.6	4.5	2.8	7.6	5.7	1.7	1.3	24.1	X	0.2
500-999	3.1	4.5	3.3	1.5	25.0	2.2	3.0	0.3	0.0	0.0
1000 and Over	2.6	2.1	3.2	2.6	6.5	0.1	3.2	2.5	X	0.1
Total	2.1	5.9	2.4	5.8	11.0	17.0	2.6	24.6	14.9	28.7

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

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for electricity receipts during 2006. The quantities are expressed in millions of kilowatthours, and therefore represent the quantity of electricity that could have been displaced by the given alternative type of energy.

(c) 'Total Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of electricity.

(e) Value of Shipments and Receipts and Employment Size categories were supplied by the Bureau of the Census.

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.

X=Not defined because RSE corresponds to a value of zero.

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, '2006 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2006 Annual Survey of Manufacturers.'