

Released: October 2017  
 Next MECS will be fielded in 2019

**Table 10.6 Capability to Switch Electricity to Alternative Energy Sources, 2014;**

Level: National Data and Regional Data;  
 Row: NAICS Codes  
 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	HGL (excluding natural gasoline)	Coal Coke and Breeze	Other(d)
<b>Total United States</b>											
311	Food	72,444	1,851	69,277	366	1,322	43	260	21	89	8
3112	Grain and Oilseed Milling	14,641	502	13,961	235	112	0	253	0	82	0
311221	Wet Corn Milling	6,472	195	6,277	80	*	0	115	0	0	0
31131	Sugar Manufacturing	1,355	153	1,203	3	107	43	0	1	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	9,541	220	9,208	41	183	0	7	2	7	2
3115	Dairy Product	10,364	503	9,733	49	448	0	0	18	0	6
3116	Animal Slaughtering and Processing	18,200	450	17,607	Q	450	0	0	0	0	0
312	Beverage and Tobacco Products	9,755	260	9,145	63	118	0	70	2	0	Q
3121	Beverages	8,816	246	8,220	63	104	0	70	2	0	Q
3122	Tobacco	940	14	926	0	14	0	0	0	0	0
313	Textile Mills	12,773	Q	12,259	Q	Q	0	0	0	0	0
314	Textile Product Mills	2,748	43	2,551	0	43	0	0	0	0	0
315	Apparel	803	Q	699	Q	0	0	0	0	0	0
316	Leather and Allied Products	316	0	316	0	0	0	0	0	0	0
321	Wood Products	21,901	134	21,303	42	75	2	0	73	0	11
321113	Sawmills	5,600	64	5,427	34	48	2	0	39	0	11
3212	Veneer, Plywood, and Engineered Woods	7,387	Q	7,312	Q	0	0	0	0	0	0
321219	Reconstituted Wood Products	4,926	0	4,926	0	0	0	0	0	0	0
3219	Other Wood Products	8,523	63	8,198	Q	Q	0	0	34	0	0
322	Paper	61,835	2,802	58,548	2,206	332	517	476	0	0	928
322110	Pulp Mills	1,710	2	1,708	0	0	0	0	0	0	2
322121	Paper Mills, except Newsprint	19,914	1,469	18,445	1,212	330	272	130	0	0	408
322122	Newsprint Mills	8,245	0	8,245	0	0	0	0	0	0	0
322130	Paperboard Mills	18,943	1,321	17,621	984	2	245	347	0	0	518
323	Printing and Related Support	14,213	Q	13,372	Q	Q	0	0	0	0	0
324	Petroleum and Coal Products	53,679	1,290	52,283	743	68	7	0	160	0	486
324110	Petroleum Refineries	50,738	1,166	49,491	680	2	0	0	152	0	486
324121	Asphalt Paving Mixture and Block	934	112	798	58	55	3	0	4	0	0
324122	Asphalt Shingle and Coating Materials	730	8	719	4	8	4	0	4	0	0
324199	Other Petroleum and Coal Products	593	0	593	0	0	0	0	0	0	0
325	Chemicals	146,312	5,066	140,489	4,137	881	*	227	2	0	120
325110	Petrochemicals	W	53	W	9	0	0	0	0	0	44
325120	Industrial Gases	19,969	0	19,965	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	23,853	Q	23,619	30	Q	0	0	0	0	0
325193	Ethyl Alcohol	11,390	28	11,362	9	19	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	3,017	0	3,017	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	W	173	W	95	74	0	0	0	0	30
325211	Plastics Materials and Resins	23,904	3,684	20,184	3,679	6	*	0	*	0	0
325212	Synthetic Rubber	1,162	43	1,119	3	40	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	3,256	228	3,027	228	*	0	227	*	0	0
325311	Nitrogenous Fertilizers	3,847	*	3,847	*	0	0	0	*	0	0
325312	Phosphatic Fertilizers	2,125	0	2,125	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	10,682	503	10,079	81	424	0	0	Q	0	45
325412	Pharmaceutical Preparation	5,609	290	5,229	23	233	0	0	Q	0	45
325992	Photographic Film, Paper, Plate, and Chemicals	996	6	990	*	4	0	0	0	0	Q
326	Plastics and Rubber Products	55,629	Q	53,297	Q	Q	0	0	Q	0	0
327	Nonmetallic Mineral Products	37,783	363	37,295	145	283	Q	Q	96	Q	Q
327120	Clay Building Material and Refractories	W	16	W	3	13	0	0	0	0	0
327211	Flat Glass	1,694	95	1,599	0	95	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	W	113	W	20	93	0	0	14	0	0
327213	Glass Containers	3,544	6	3,538	0	6	0	0	0	0	0
327215	Glass Products from Purchased Glass	3,341	7	3,330	7	Q	Q	Q	Q	Q	Q
327310	Cements	10,959	0	10,959	0	0	0	0	0	0	0
327410	Lime	1,481	1	1,480	1	0	0	0	0	0	0
327420	Gypsum	1,368	1	1,368	1	0	0	0	0	0	0
327993	Mineral Wool	3,205	73	3,132	72	73	0	0	72	0	0
331	Primary Metals	131,400	479	130,750	365	115	0	0	Q	0	74
331110	Iron and Steel Mills and Ferroalloys	60,334	237	60,008	237	*	0	0	1	0	*
3312	Steel Products from Purchased Steel	6,556	22	6,503	*	0	0	0	0	0	21

3313	Alumina and Aluminum	38,229	109	38,084	52	25	0	0	Q	0	42
331314	Secondary Smelting and Alloying of Aluminum	4,695	3	4,692	*	3	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	4,494	6	4,488	0	6	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	1,741	22	1,684	16	16	0	0	Q	0	0
3314	Nonferrous Metals, except Aluminum	13,062	Q	12,973	Q	Q	0	0	Q	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	7,810	*	7,808	*	0	0	0	0	0	0
3315	Foundries	13,218	24	13,181	13	3	0	0	1	0	10
331511	Iron Foundries	6,046	1	6,045	1	*	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	2,105	4	2,090	2	0	0	0	0	0	1
331524	Aluminum Foundries, except Die-Casting	793	17	773	9	1	0	0	1	0	8
332	Fabricated Metal Products	41,866	Q	39,245	Q	Q	0	0	0	0	*
333	Machinery	23,482	749	22,612	Q	Q	0	0	0	0	0
334	Computer and Electronic Products	32,802	619	31,506	Q	490	0	0	Q	0	0
334413	Semiconductors and Related Devices	19,101	295	18,727	*	295	0	0	*	0	0
335	Electrical Equip., Appliances, and Components	11,727	236	11,434	Q	Q	0	0	0	0	0
336	Transportation Equipment	45,169	1,311	43,406	Q	586	0	0	Q	0	120
336111	Automobiles	3,592	0	3,589	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	3,573	0	3,573	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	9,432	405	9,019	72	282	0	0	69	0	120
336411	Aircraft	3,198	189	3,008	50	70	0	0	50	0	120
337	Furniture and Related Products	5,072	113	4,663	Q	0	0	0	0	0	Q
339	Miscellaneous	8,430	344	7,825	Q	325	0	0	Q	0	0
	Total	790,140	17,021	762,274	10,788	5,616	571	1,034	980	90	1,769

**Northeast Census Region**

311	Food	5,741	102	5,257	35	84	0	0	18	0	0
3112	Grain and Oilseed Milling	407	0	392	0	0	0	0	0	0	0
311221	Wet Corn Milling	7	0	7	0	0	0	0	0	0	0
31131	Sugar Manufacturing	25	0	25	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	778	17	761	17	17	0	0	0	0	0
3115	Dairy Product	1,408	86	1,312	18	68	0	0	18	0	0
3116	Animal Slaughtering and Processing	769	0	763	0	0	0	0	0	0	0
312	Beverage and Tobacco Products	1,467	2	1,423	0	2	0	0	0	0	0
3121	Beverages	1,439	2	1,395	0	2	0	0	0	0	0
3122	Tobacco	27	0	27	0	0	0	0	0	0	0
313	Textile Mills	Q	0	Q	0	0	0	0	0	0	0
314	Textile Product Mills	119	0	119	0	0	0	0	0	0	0
315	Apparel	102	0	82	0	0	0	0	0	0	0
316	Leather and Allied Products	46	0	46	0	0	0	0	0	0	0
321	Wood Products	1,983	20	1,911	*	18	*	0	6	0	*
321113	Sawmills	395	17	365	0	15	*	0	6	0	*
3212	Veneer, Plywood, and Engineered Woods	274	0	274	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	226	0	226	0	0	0	0	0	0	0
3219	Other Wood Products	1,297	Q	1,259	*	Q	0	0	0	0	0
322	Paper	6,883	504	6,379	406	231	258	0	0	0	27
322110	Pulp Mills	36	0	36	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	3,234	489	2,745	392	231	258	0	0	0	27
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	1,434	7	1,427	7	0	0	0	0	0	0
323	Printing and Related Support	2,303	*	2,020	0	*	0	0	0	0	0
324	Petroleum and Coal Products	2,925	135	2,779	84	4	0	0	38	0	47
324110	Petroleum Refineries	2,491	85	2,397	38	0	0	0	38	0	47
324121	Asphalt Paving Mixture and Block	263	50	210	46	4	0	0	0	0	0
324122	Asphalt Shingle and Coating Materials	35	0	35	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	41	0	41	0	0	0	0	0	0	0
325	Chemicals	W	93	W	17	76	*	0	*	0	0
325110	Petrochemicals	18	0	18	0	0	0	0	0	0	0
325120	Industrial Gases	2,868	0	2,868	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	2,539	0	2,539	0	0	0	0	0	0	0
325193	Ethyl Alcohol	221	0	221	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	205	0	205	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	667	6	661	*	6	0	0	0	0	0
325211	Plastics Materials and Resins	1,124	2	1,120	0	2	*	0	*	0	0
325212	Synthetic Rubber	10	0	10	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	23	1	22	1	*	0	0	0	0	0
325311	Nitrogenous Fertilizers	26	*	26	*	0	0	0	*	0	0
325312	Phosphatic Fertilizers	1	0	1	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	W	79	W	16	63	0	0	*	0	0
325412	Pharmaceutical Preparation	W	41	W	8	33	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	437	4	433	0	4	0	0	0	0	0
326	Plastics and Rubber Products	5,269	0	4,914	0	0	0	0	0	0	0
327	Nonmetallic Mineral Products	W	108	W	Q	69	Q	Q	Q	Q	Q
327120	Clay Building Material and Refractories	260	0	260	0	0	0	0	0	0	0

327211	Flat Glass	309	0	309	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	W	74	W	6	68	0	0	0	0	0
327213	Glass Containers	651	0	651	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	364	Q	358	Q	Q	Q	Q	Q	Q	Q
327310	Cements	870	0	870	0	0	0	0	0	0	0
327410	Lime	78	1	77	1	0	0	0	0	0	0
327420	Gypsum	119	*	118	*	0	0	0	0	0	0
327993	Mineral Wool	161	0	161	0	0	0	0	0	0	0
331	Primary Metals	12,965	36	12,915	36	0	0	0	0	0	0
331110	Iron and Steel Mills and Ferroalloys	6,800	35	6,765	35	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	566	*	555	*	0	0	0	0	0	0
3313	Alumina and Aluminum	2,868	0	2,868	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	16	0	16	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	496	0	496	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	300	0	300	0	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	1,682	*	1,679	*	0	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	205	*	202	*	0	0	0	0	0	0
3315	Foundries	1,049	0	1,047	0	0	0	0	0	0	0
331511	Iron Foundries	549	0	549	0	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	91	0	90	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	74	0	73	0	0	0	0	0	0	0
332	Fabricated Metal Products	4,311	Q	4,193	Q	0	0	0	0	0	0
333	Machinery	3,063	0	3,061	0	0	0	0	0	0	0
334	Computer and Electronic Products	5,593	35	5,518	0	35	0	0	0	0	0
334413	Semiconductors and Related Devices	2,128	35	2,053	0	35	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	2,261	Q	2,213	0	Q	0	0	0	0	0
336	Transportation Equipment	2,982	155	2,827	Q	Q	0	0	Q	0	120
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	0
3364	Aerospace Product and Parts	1,025	132	893	0	Q	0	0	0	0	120
336411	Aircraft	265	120	145	0	0	0	0	0	0	120
337	Furniture and Related Products	422	Q	357	0	0	0	0	0	0	Q
339	Miscellaneous	1,778	*	1,622	0	*	0	0	0	0	0
	Total	78,487	1,258	75,671	647	581	259	Q	66	Q	210

**Midwest Census Region**

311	Food	31,997	1,137	30,374	247	679	43	260	3	89	2
3112	Grain and Oilseed Milling	10,086	494	9,482	235	104	0	253	0	82	0
311221	Wet Corn Milling	5,557	195	5,363	80	*	0	115	0	0	0
31131	Sugar Manufacturing	563	130	433	1	86	43	0	1	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	2,879	125	2,741	11	102	0	7	2	7	2
3115	Dairy Product	3,752	228	3,524	0	228	0	0	0	0	0
3116	Animal Slaughtering and Processing	7,284	160	7,048	0	160	0	0	0	0	0
312	Beverage and Tobacco Products	1,435	Q	1,295	0	Q	0	0	0	0	0
3121	Beverages	1,418	Q	1,279	0	Q	0	0	0	0	0
3122	Tobacco	16	0	16	0	0	0	0	0	0	0
313	Textile Mills	270	0	270	0	0	0	0	0	0	0
314	Textile Product Mills	323	0	251	0	0	0	0	0	0	0
315	Apparel	Q	0	Q	0	0	0	0	0	0	0
316	Leather and Allied Products	152	0	152	0	0	0	0	0	0	0
321	Wood Products	2,534	17	2,481	Q	8	2	0	2	0	*
321113	Sawmills	375	3	361	0	2	2	0	2	0	*
3212	Veneer, Plywood, and Engineered Woods	633	Q	629	Q	0	0	0	0	0	0
321219	Reconstituted Wood Products	434	0	434	0	0	0	0	0	0	0
3219	Other Wood Products	1,500	Q	1,469	Q	3	0	0	0	0	0
322	Paper	13,331	436	12,594	287	99	4	120	0	0	34
322110	Pulp Mills	233	0	233	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	5,928	342	5,587	192	99	4	120	0	0	34
322122	Newsprint Mills	381	0	381	0	0	0	0	0	0	0
322130	Paperboard Mills	2,789	94	2,694	94	0	0	0	0	0	0
323	Printing and Related Support	4,189	Q	4,013	0	Q	0	0	0	0	0
324	Petroleum and Coal Products	10,482	315	10,161	266	29	2	0	117	0	25
324110	Petroleum Refineries	9,670	279	9,391	255	2	0	0	114	0	25
324121	Asphalt Paving Mixture and Block	147	28	113	11	20	2	0	3	0	0
324122	Asphalt Shingle and Coating Materials	232	4	228	*	4	0	0	0	0	0
324199	Other Petroleum and Coal Products	265	0	265	0	0	0	0	0	0	0
325	Chemicals	38,103	313	37,712	97	217	0	0	Q	0	Q
325110	Petrochemicals	4	0	4	0	0	0	0	0	0	0
325120	Industrial Gases	5,798	0	5,798	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	2,396	45	2,352	30	15	0	0	0	0	0
325193	Ethyl Alcohol	10,434	28	10,406	9	19	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	420	0	420	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	4,193	Q	4,103	Q	8	0	0	0	0	0

325211	Plastics Materials and Resins	4,475	5	4,442	Q	4	0	0	0	0	0
325212	Synthetic Rubber	122	0	122	0	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	52	0	52	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	1,403	0	1,403	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	11	0	11	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	3,074	64	3,010	Q	63	0	0	Q	0	Q
325412	Pharmaceutical Preparation	2,211	59	2,151	Q	59	0	0	Q	0	Q
325992	Photographic Film, Paper, Plate, and Chemicals	88	*	88	*	0	0	0	0	0	0
326	Plastics and Rubber Products	17,115	Q	15,262	Q	Q	0	0	0	0	0
327	Nonmetallic Mineral Products	11,341	198	11,096	89	173	0	0	82	0	0
327120	Clay Building Material and Refractories	W	3	W	3	0	0	0	0	0	0
327211	Flat Glass	463	77	386	0	77	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	463	22	441	0	22	0	0	0	0	0
327213	Glass Containers	873	0	873	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	1,417	Q	1,414	Q	0	0	0	0	0	0
327310	Cements	W	0	W	0	0	0	0	0	0	0
327410	Lime	W	0	W	0	0	0	0	0	0	0
327420	Gypsum	269	0	269	0	0	0	0	0	0	0
327993	Mineral Wool	1,349	72	1,277	72	72	0	0	72	0	0
331	Primary Metals	49,470	113	49,329	Q	Q	0	0	Q	0	10
331110	Iron and Steel Mills and Ferroalloys	24,383	0	24,382	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	2,632	0	2,614	0	0	0	0	0	0	0
3313	Alumina and Aluminum	10,818	25	10,786	16	20	0	0	Q	0	0
331314	Secondary Smelting and Alloying of Aluminum	470	3	467	*	3	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	1,543	6	1,537	0	6	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	W	16	W	16	Q	0	0	Q	0	0
3314	Nonferrous Metals, except Aluminum	4,065	Q	3,998	Q	Q	0	0	Q	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2,522	0	2,522	0	0	0	0	0	0	0
3315	Foundries	7,572	21	7,550	10	Q	0	0	0	0	10
331511	Iron Foundries	4,216	0	4,216	0	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	1,428	4	1,424	2	0	0	0	0	0	1
331524	Aluminum Foundries, except Die-Casting	445	16	428	7	0	0	0	0	0	8
332	Fabricated Metal Products	19,698	Q	18,422	Q	Q	0	0	0	0	0
333	Machinery	10,646	716	9,888	Q	Q	0	0	Q	0	0
334	Computer and Electronic Products	4,447	Q	3,955	Q	Q	0	0	Q	0	0
334413	Semiconductors and Related Devices	638	*	598	*	*	0	0	*	0	0
335	Electrical Equip., Appliances, and Components	3,284	Q	3,135	0	Q	0	0	0	0	0
336	Transportation Equipment	20,099	Q	19,547	Q	Q	0	0	Q	0	0
336111	Automobiles	2,121	0	2,117	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	1,986	0	1,986	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	2,009	85	1,924	Q	85	0	0	Q	0	0
336411	Aircraft	502	0	502	0	0	0	0	0	0	0
337	Furniture and Related Products	1,634	0	1,595	0	0	0	0	0	0	0
339	Miscellaneous	2,431	Q	2,182	Q	Q	0	0	Q	0	0
	Total	243,025	5,202	233,760	2,758	2,727	51	380	760	89	71

**South Census Region**

311	Food	22,674	398	22,030	Q	388	0	0	0	0	6
3112	Grain and Oilseed Milling	3,399	0	3,356	0	0	0	0	0	0	0
311221	Wet Corn Milling	840	0	840	0	0	0	0	0	0	0
31131	Sugar Manufacturing	450	21	429	0	21	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	2,489	59	2,393	0	59	0	0	0	0	0
3115	Dairy Product	1,914	49	1,746	4	39	0	0	0	0	6
3116	Animal Slaughtering and Processing	8,754	265	8,443	Q	265	0	0	0	0	0
312	Beverage and Tobacco Products	3,897	154	3,724	Q	55	0	70	0	0	Q
3121	Beverages	3,001	140	2,843	Q	Q	0	70	0	0	Q
3122	Tobacco	896	14	882	0	14	0	0	0	0	0
313	Textile Mills	10,418	Q	9,914	Q	Q	0	0	0	0	0
314	Textile Product Mills	2,100	43	1,975	0	43	0	0	0	0	0
315	Apparel	579	Q	506	Q	0	0	0	0	0	0
316	Leather and Allied Products	98	0	98	0	0	0	0	0	0	0
321	Wood Products	12,828	57	12,459	34	49	0	0	31	0	Q
321113	Sawmills	3,072	39	2,968	34	31	0	0	31	0	Q
3212	Veneer, Plywood, and Engineered Woods	4,675	0	4,608	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	3,395	0	3,395	0	0	0	0	0	0	0
3219	Other Wood Products	Q	Q	Q	0	Q	0	0	0	0	0
322	Paper	29,376	1,862	27,330	1,513	2	255	357	0	0	868
322110	Pulp Mills	1,337	2	1,335	0	0	0	0	0	0	2
322121	Paper Mills, except Newsprint	8,330	638	7,692	628	0	10	10	0	0	348
322122	Newsprint Mills	3,571	0	3,571	0	0	0	0	0	0	0
322130	Paperboard Mills	11,257	1,220	10,037	883	2	245	347	0	0	518
323	Printing and Related Support	6,550	Q	6,235	Q	Q	0	0	0	0	0
324	Petroleum and Coal Products	32,033	574	31,369	205	35	5	0	5	0	337

324110	Petroleum Refineries	30,679	537	30,071	200	0	0	0	0	0	337
324121	Asphalt Paving Mixture and Block	337	34	288	Q	31	1	0	2	0	0
324122	Asphalt Shingle and Coating Materials	361	4	355	4	4	4	0	4	0	0
324199	Other Petroleum and Coal Products	257	0	257	0	0	0	0	0	0	0
325	Chemicals	W	4,515	W	4,007	461	0	227	*	0	118
325110	Petrochemicals	W	53	W	9	0	0	0	0	0	44
325120	Industrial Gases	9,167	0	9,162	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	13,774	Q	13,585	0	Q	0	0	0	0	0
325193	Ethyl Alcohol	296	0	296	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	2,387	0	2,387	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	W	107	W	43	60	0	0	0	0	30
325211	Plastics Materials and Resins	18,065	3,678	14,382	3,678	0	0	0	0	0	0
325212	Synthetic Rubber	1,014	40	973	0	40	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	3,174	227	2,947	227	*	0	227	*	0	0
325311	Nitrogenous Fertilizers	1,941	0	1,941	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	1,750	0	1,749	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	W	221	W	50	171	0	0	0	0	45
325412	Pharmaceutical Preparation	W	185	W	14	135	0	0	0	0	45
325992	Photographic Film, Paper, Plate, and Chemicals	311	0	311	0	0	0	0	0	0	0
326	Plastics and Rubber Products	23,590	Q	23,559	Q	0	0	0	0	0	0
327	Nonmetallic Mineral Products	W	38	W	14	24	0	0	14	0	*
327120	Clay Building Material and Refractories	W	13	W	0	13	0	0	0	0	0
327211	Flat Glass	725	0	725	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	1,198	17	1,167	14	3	0	0	14	0	0
327213	Glass Containers	1,112	6	1,106	0	6	0	0	0	0	0
327215	Glass Products from Purchased Glass	1,168	*	1,168	0	*	0	0	0	0	0
327310	Cements	4,882	0	4,882	0	0	0	0	0	0	0
327410	Lime	687	*	687	*	0	0	0	0	0	0
327420	Gypsum	709	0	709	0	0	0	0	0	0	0
327993	Mineral Wool	1,167	1	1,166	0	1	0	0	0	0	0
331	Primary Metals	55,294	287	54,882	239	6	0	0	*	0	42
331110	Iron and Steel Mills and Ferroalloys	25,153	201	24,863	201	*	0	0	0	0	*
3312	Steel Products from Purchased Steel	3,213	0	3,213	0	0	0	0	0	0	0
3313	Alumina and Aluminum	18,640	84	18,528	36	6	0	0	0	0	42
331314	Secondary Smelting and Alloying of Aluminum	4,181	0	4,180	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	2,092	0	2,092	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	658	6	624	*	6	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	4,428	0	4,428	0	0	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2,867	0	2,867	0	0	0	0	0	0	0
3315	Foundries	3,861	1	3,850	1	0	0	0	*	0	0
331511	Iron Foundries	1,157	1	1,155	1	0	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	452	0	441	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	216	*	216	*	0	0	0	*	0	0
332	Fabricated Metal Products	12,819	Q	11,598	Q	0	0	0	0	0	0
333	Machinery	7,795	0	7,795	0	0	0	0	0	0	0
334	Computer and Electronic Products	7,076	Q	6,688	Q	Q	0	0	0	0	0
334413	Semiconductors and Related Devices	3,842	0	3,842	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	5,408	Q	5,329	Q	0	0	0	0	0	0
336	Transportation Equipment	16,928	Q	16,062	Q	11	0	0	0	0	0
336111	Automobiles	842	0	842	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	1,585	0	1,585	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	3,165	14	3,143	Q	11	0	0	0	0	0
336411	Aircraft	1,707	11	1,696	0	11	0	0	0	0	0
337	Furniture and Related Products	2,281	Q	2,067	Q	0	0	0	0	0	0
339	Miscellaneous	2,699	Q	2,648	0	Q	0	0	0	0	0
	Total	355,343	9,063	342,008	6,945	1,328	260	654	50	0	1,382

**West Census Region**

311	Food	12,033	213	11,615	42	171	0	0	0	0	0
3112	Grain and Oilseed Milling	749	8	732	0	8	0	0	0	0	0
311221	Wet Corn Milling	68	0	68	0	0	0	0	0	0	0
31131	Sugar Manufacturing	317	2	315	2	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	3,394	20	3,313	Q	6	0	0	0	0	0
3115	Dairy Product	3,291	140	3,151	27	113	0	0	0	0	0
3116	Animal Slaughtering and Processing	1,393	26	1,353	0	26	0	0	0	0	0
312	Beverage and Tobacco Products	2,957	48	2,703	41	Q	0	0	2	0	0
3121	Beverages	2,957	48	2,703	41	Q	0	0	2	0	0
3122	Tobacco	0	0	0	0	0	0	0	0	0	0
313	Textile Mills	239	0	229	0	0	0	0	0	0	0
314	Textile Product Mills	206	0	206	0	0	0	0	0	0	0
315	Apparel	79	Q	67	Q	0	0	0	0	0	0
316	Leather and Allied Products	20	0	20	0	0	0	0	0	0	0
321	Wood Products	4,556	40	4,452	0	0	0	0	34	0	6

321113	Sawmills	1,758	6	1,733	0	0	0	0	0	0	6
3212	Veneer, Plywood, and Engineered Woods	1,805	0	1,801	0	0	0	0	0	0	0
321219	Reconstituted Wood Products	870	0	870	0	0	0	0	0	0	0
3219	Other Wood Products	885	34	810	0	0	0	0	34	0	0
322	Paper	12,245	*	12,244	*	0	0	0	0	0	0
322110	Pulp Mills	104	0	104	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	2,422	*	2,422	*	0	0	0	0	0	0
322122	Newsprint Mills	4,293	0	4,293	0	0	0	0	0	0	0
322130	Paperboard Mills	3,463	0	3,463	0	0	0	0	0	0	0
323	Printing and Related Support	1,171	0	1,104	0	0	0	0	0	0	0
324	Petroleum and Coal Products	8,239	265	7,974	188	0	0	0	0	0	77
324110	Petroleum Refineries	7,897	265	7,632	188	0	0	0	0	0	77
324121	Asphalt Paving Mixture and Block	187	0	187	0	0	0	0	0	0	0
324122	Asphalt Shingle and Coating Materials	101	0	101	0	0	0	0	0	0	0
324199	Other Petroleum and Coal Products	30	0	30	0	0	0	0	0	0	0
325	Chemicals	11,544	145	11,299	Q	127	0	0	0	0	Q
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	2,136	0	2,136	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	5,144	0	5,144	0	0	0	0	0	0	0
325193	Ethyl Alcohol	440	0	440	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	5	0	5	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	504	0	504	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	240	0	240	0	0	0	0	0	0	0
325212	Synthetic Rubber	16	3	13	3	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	6	0	6	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	477	0	477	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	364	0	364	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	1,476	140	1,308	Q	127	0	0	0	0	0
325412	Pharmaceutical Preparation	824	5	793	0	5	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	160	Q	158	0	0	0	0	0	0	Q
326	Plastics and Rubber Products	9,655	Q	9,561	0	0	0	0	Q	0	0
327	Nonmetallic Mineral Products	5,780	20	5,746	Q	18	0	0	0	0	0
327120	Clay Building Material and Refractories	102	0	91	0	0	0	0	0	0	0
327211	Flat Glass	197	18	179	0	18	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	123	0	123	0	0	0	0	0	0	0
327213	Glass Containers	909	0	909	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	393	1	389	1	0	0	0	0	0	0
327310	Cements	W	0	W	0	0	0	0	0	0	0
327410	Lime	W	0	W	0	0	0	0	0	0	0
327420	Gypsum	272	1	271	1	0	0	0	0	0	0
327993	Mineral Wool	528	0	528	0	0	0	0	0	0	0
331	Primary Metals	13,670	44	13,624	2	21	0	0	2	0	21
331110	Iron and Steel Mills and Ferroalloys	3,998	1	3,998	1	0	0	0	1	0	0
3312	Steel Products from Purchased Steel	145	21	122	0	0	0	0	0	0	21
3313	Alumina and Aluminum	5,902	0	5,902	0	0	0	0	0	0	0
331314	Secondary Smelting and Alloying of Aluminum	28	0	28	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	362	0	362	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	W	0	W	0	0	0	0	0	0	0
3314	Nonferrous Metals, except Aluminum	2,888	20	2,868	0	20	0	0	*	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2,217	0	2,217	0	0	0	0	0	0	0
3315	Foundries	736	2	734	2	1	0	0	1	0	0
331511	Iron Foundries	125	*	124	0	*	0	0	0	0	0
331523	Nonferrous Metal Die-Casting Foundries	135	0	135	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	58	2	56	2	1	0	0	1	0	0
332	Fabricated Metal Products	5,038	*	5,032	0	0	0	0	0	0	*
333	Machinery	1,977	Q	1,867	Q	0	0	0	0	0	0
334	Computer and Electronic Products	15,686	342	15,345	Q	330	0	0	0	0	0
334413	Semiconductors and Related Devices	12,493	260	12,233	0	260	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	774	Q	757	Q	0	0	0	0	0	0
336	Transportation Equipment	5,159	188	4,971	64	188	0	0	64	0	0
336111	Automobiles	629	0	629	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	2	0	2	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	3,232	174	3,058	50	174	0	0	50	0	0
336411	Aircraft	724	58	665	50	58	0	0	50	0	0
337	Furniture and Related Products	735	0	644	0	0	0	0	0	0	0
339	Miscellaneous	1,522	Q	1,373	Q	Q	0	0	0	0	0
	Total	113,285	1,498	110,834	438	980	0	0	103	0	107

**Economic Characteristic (f)**

**Value of Shipments and Receipts**

(million dollars)

Under 20	92,140	1,138	86,716	342	844	3	W	33	Q	31
20-49	83,958	1,587	79,833	Q	806	7	0	Q	0	0
50-99	104,508	1,457	101,938	767	833	W	0	182	0	8
100-249	141,282	1,909	138,243	903	869	W	96	35	89	43
250-499	106,693	2,029	103,596	1,159	1,093	W	W	Q	0	134
500 and Over	261,559	8,901	251,947	6,614	1,171	455	745	359	0	1,554
Total	790,140	17,021	762,274	10,788	5,616	571	1,034	980	90	1,769

**Employment Size**

Under 50	91,874	849	88,135	346	528	4	Q	32	Q	Q
50-99	82,910	922	79,819	347	689	6	0	92	0	16
100-249	178,897	2,778	173,308	1,302	1,591	20	145	W	82	35
250-499	166,823	3,242	162,312	2,328	620	90	319	26	7	245
500-999	158,529	3,290	153,860	1,892	1,084	451	457	W	0	752
1000 and Over	111,107	5,940	104,839	4,574	1,104	0	112	372	0	705
Total	790,140	17,021	762,274	10,788	5,616	571	1,034	980	90	1,769

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for electricity during 2014. 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 Consumed' represents those quantities (Total Inputs) of electricity that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity 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.

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

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

\* 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: Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'

Released: October 2017  
 Next MECS will be fielded in 2019

**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	HGL (excluding natural gasoline)	Coal Coke and Breeze	Other(d)
<b>Total United States</b>											
311	Food	2.5	4.3	2.6	10.8	5.9	0.1	0.1	0.1	0.1	0.1
3112	Grain and Oilseed Milling	1.9	2.9	2.0	5.7	2.8	X	0.1	X	0.1	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	X
31131	Sugar Manufacturing	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	6.0	12.3	6.2	18.1	14.2	X	0.1	0.1	0.1	0.1
3115	Dairy Product	2.2	11.1	2.4	0.1	12.4	X	X	0.1	X	0.1
3116	Animal Slaughtering and Processing	2.3	10.8	2.5	97.1	10.8	X	X	X	X	X
312	Beverage and Tobacco Products	7.6	20.2	8.1	28.1	37.1	X	0.1	0.1	X	55.9
3121	Beverages	8.4	21.3	9.0	28.1	42.1	X	0.1	0.1	X	55.9
3122	Tobacco	0.0	0.1	0.1	X	0.1	X	X	X	X	X
313	Textile Mills	13.5	61.3	14.0	80.6	93.2	X	X	X	X	X
314	Textile Product Mills	9.0	45.6	9.4	X	45.6	X	X	X	X	X
315	Apparel	9.3	84.8	9.3	84.8	X	X	X	X	X	X
316	Leather and Allied Products	7.4	X	7.4	X	X	X	X	X	X	X
321	Wood Products	11.6	17.9	11.9	14.8	22.6	0.1	X	21.0	X	30.4
321113	Sawmills	3.2	7.4	3.3	8.5	4.1	0.1	X	1.0	X	30.4
3212	Veneer, Plywood, and Engineered Woods	4.8	65.6	4.8	65.6	X	X	X	X	X	X
321219	Reconstituted Wood Products	7.1	X	7.1	X	X	X	X	X	X	X
3219	Other Wood Products	29.5	37.4	30.6	90.1	75.5	X	X	44.8	X	X
322	Paper	1.5	0.3	1.6	0.3	0.1	0.1	0.1	X	X	0.1
322110	Pulp Mills	0.0	0.0	0.0	X	X	X	X	X	X	0.0
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.0	0.1	0.1	0.1	X	X	0.1
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	17.6	90.3	18.6	67.5	94.8	X	X	X	X	X
324	Petroleum and Coal Products	0.1	1.0	0.1	1.7	5.0	0.1	X	0.4	X	0.1
324110	Petroleum Refineries	0.1	0.1	0.1	0.1	0.1	X	X	0.1	X	0.1
324121	Asphalt Paving Mixture and Block	3.6	11.9	3.7	22.1	6.2	0.1	X	14.4	X	X
324122	Asphalt Shingle and Coating Materials	0.9	0.1	0.9	0.1	0.1	0.1	X	0.1	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	1.7	3.9	1.8	1.0	21.8	0.1	0.1	39.4	X	1.5
325110	Petrochemicals	0.1	0.1	0.1	0.1	X	X	X	X	X	0.1
325120	Industrial Gases	6.9	X	6.9	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	1.9	66.9	1.9	0.1	76.6	X	X	X	X	X
325193	Ethyl Alcohol	3.6	24.1	3.6	47.7	27.8	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	3.2	27.6	3.2	40.7	37.1	X	X	X	X	0.1
325211	Plastics Materials and Resins	2.6	0.1	3.1	0.1	0.1	0.1	X	0.1	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	X	X
325311	Nitrogenous Fertilizers	4.3	0.1	4.3	0.1	X	X	X	0.1	X	X
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	11.3	3.3	11.9	16.1	2.5	X	X	63.1	X	3.0
325412	Pharmaceutical Preparation	1.9	1.8	2.0	3.8	2.3	X	X	68.6	X	3.0
325992	Photographic Film, Paper, Plate, and Chemicals	0.7	20.4	0.7	0.1	0.1	X	X	X	X	71.1
326	Plastics and Rubber Products	9.9	63.4	10.4	79.7	99.0	X	X	99.0	X	X
327	Nonmetallic Mineral Products	3.7	8.9	3.7	20.7	0.8	95.7	95.7	7.7	95.7	84.0
327120	Clay Building Material and Refractories	1.8	0.1	1.9	0.1	0.1	X	X	X	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	1.0	0.9	1.0	4.9	0.1	X	X	0.1	X	X
327213	Glass Containers	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327215	Glass Products from Purchased Glass	1.8	37.4	1.8	37.7	88.2	95.7	95.7	95.7	95.7	95.7
327310	Cements	0.9	X	0.9	X	X	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	1.9	0.1	1.9	0.1	X	X	X	X	X	X
327993	Mineral Wool	0.6	0.7	0.6	0.1	0.7	X	X	0.1	X	X
331	Primary Metals	1.2	10.7	1.2	14.1	42.9	X	X	65.9	X	0.1
331110	Iron and Steel Mills and Ferroalloys	0.2	6.2	0.2	6.2	0.1	X	X	0.1	X	0.1
3312	Steel Products from Purchased Steel	18.7	1.3	18.8	76.5	X	X	X	X	X	0.1
3313	Alumina and Aluminum	0.1	7.3	0.1	14.3	30.2	X	X	67.7	X	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	1.1	0.1	1.1	X	0.1	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.8	35.8	0.8	45.4	46.8	X	X	67.0	X	X
3314	Nonferrous Metals, except Aluminum	2.2	55.8	2.2	77.9	56.1	X	X	78.0	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.7	0.0	0.7	0.0	X	X	X	X	X	X
3315	Foundries	6.8	7.2	6.9	11.1	39.0	X	X	1.6	X	0.1
331511	Iron Foundries	2.5	0.1	2.5	0.1	0.1	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.2	0.1	1.2	0.1	X	X	X	X	X	0.1
331524	Aluminum Foundries, except Die-Casting	3.9	7.7	4.0	15.0	0.1	X	X	1.6	X	0.1
332	Fabricated Metal Products	8.1	58.8	8.4	64.0	78.0	X	X	X	X	97.5
333	Machinery	8.7	47.8	8.9	59.8	57.6	X	X	X	X	X



334	Computer and Electronic Products	4.2	22.2	4.2	61.8	18.7	X	X	93.4	X	X
334413	Semiconductors and Related Devices	1.3	3.1	1.3	0.1	3.1	X	X	0.1	X	X
335	Electrical Equip., Appliances, and Components	8.5	47.8	8.8	67.0	56.1	X	X	X	X	X
336	Transportation Equipment	5.1	38.7	5.3	54.9	39.9	X	X	72.1	X	0.1
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	6.8	7.3	7.1	21.7	10.4	X	X	22.4	X	0.1
336411	Aircraft	19.0	2.8	20.2	0.1	7.6	X	X	0.1	X	0.1
337	Furniture and Related Products	8.3	46.7	8.9	51.7	X	X	X	X	X	99.0
339	Miscellaneous	9.3	46.0	9.6	73.8	48.4	X	X	83.2	X	X
	Total	1.2	5.2	1.2	7.2	9.1	0.1	0.1	28.3	0.8	0.9

**Northeast Census Region**

311	Food	10.0	18.2	9.9	0.1	22.1	X	X	0.1	X	X
3112	Grain and Oilseed Milling	11.7	X	12.5	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 Food	6.4	0.1	6.5	0.1	0.1	X	X	X	X	X
3115	Dairy Product	4.5	21.7	4.9	0.1	27.5	X	X	0.0	X	X
3116	Animal Slaughtering and Processing	4.3	X	4.4	X	X	X	X	X	X	X
312	Beverage and Tobacco Products	4.4	0.1	4.6	X	0.1	X	X	X	X	X
3121	Beverages	4.5	0.1	4.6	X	0.1	X	X	X	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	66.8	X	66.8	X	X	X	X	X	X	X
314	Textile Product Mills	40.5	X	40.5	X	X	X	X	X	X	X
315	Apparel	38.6	X	42.1	X	X	X	X	X	X	X
316	Leather and Allied Products	6.1	X	6.3	X	X	X	X	X	X	X
321	Wood Products	17.7	10.3	18.3	99.0	11.4	0.1	X	0.1	X	59.6
321113	Sawmills	2.3	11.4	2.5	X	13.0	0.1	X	0.1	X	59.6
3212	Veneer, Plywood, and Engineered Woods	0.6	X	0.6	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.1	X	0.1	X	X	X	X	X	X	X
3219	Other Wood Products	27.0	74.8	27.8	99.0	75.6	X	X	X	X	X
322	Paper	5.7	1.5	6.1	1.9	0.1	0.1	X	X	X	0.1
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	X	X	X	0.0
322122	Newsprint Mills	X	X	X	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	19.8	51.8	18.9	X	51.8	X	X	X	X	X
324	Petroleum and Coal Products	0.5	9.4	0.4	15.1	0.1	X	X	0.1	X	0.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	X	X	0.0	X	0.0
324121	Asphalt Paving Mixture and Block	5.5	25.5	4.0	27.7	0.1	X	X	X	X	X
324122	Asphalt Shingle and Coating Materials	0.0	X	0.0	X	X	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	11.3	6.1	11.4	0.1	7.4	0.1	X	0.1	X	X
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	22.5	X	22.5	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	7.3	X	7.3	X	X	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	5.4	0.0	5.5	0.0	0.0	X	X	X	X	X
325211	Plastics Materials and Resins	17.3	0.1	17.4	X	0.1	0.1	X	0.1	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	0.0	0.0	0.0	X	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	34.8	7.2	36.0	0.1	9.0	X	X	0.1	X	X
325412	Pharmaceutical Preparation	4.4	0.1	4.8	0.1	0.1	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X
326	Plastics and Rubber Products	26.5	X	27.9	X	X	X	X	X	X	X
327	Nonmetallic Mineral Products	3.7	27.1	3.7	73.1	1.1	95.7	95.7	95.7	95.7	95.7
327120	Clay Building Material and Refractories	1.8	X	1.8	X	X	X	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	2.6	1.3	3.2	16.2	0.1	X	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	2.6	58.8	2.3	58.8	95.7	95.7	95.7	95.7	95.7	95.7
327310	Cements	0.0	X	0.0	X	X	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327993	Mineral Wool	0.0	X	0.0	X	X	X	X	X	X	X
331	Primary Metals	1.7	41.2	1.6	41.2	X	X	X	X	X	X
331110	Iron and Steel Mills and Ferroalloys	2.2	41.9	2.0	41.9	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	4.1	76.5	4.3	76.5	X	X	X	X	X	X
3313	Alumina and Aluminum	0.0	X	0.0	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
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	X	0.0	X	X	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	9.1	0.1	9.1	0.1	X	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3315	Foundries	2.1	X	2.1	X	X	X	X	X	X	X
331511	Iron Foundries	2.3	X	2.3	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	0.9	X	1.0	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	1.1	X	1.2	X	X	X	X	X	X	X
332	Fabricated Metal Products	25.9	99.5	26.6	99.5	X	X	X	X	X	X

333	Machinery	21.3	X	21.3	X	X	X	X	X	X	X
334	Computer and Electronic Products	11.8	26.1	12.0	X	26.1	X	X	X	X	X
334413	Semiconductors and Related Devices	7.1	26.1	7.5	X	26.1	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	17.9	72.0	18.1	X	72.0	X	X	X	X	X
336	Transportation Equipment	21.5	12.0	22.5	62.9	79.7	X	X	99.0	X	0.1
336111	Automobiles	0.0	X	0.0	X	X	X	X	X	X	X
336112	Light Trucks and Utility Vehicles	X	X	X	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	5.3	8.6	5.0	X	93.7	X	X	X	X	0.1
336411	Aircraft	0.0	0.0	0.0	X	X	X	X	X	X	0.0
337	Furniture and Related Products	27.0	99.0	29.0	X	X	X	X	X	X	99.0
339	Miscellaneous	19.7	0.1	19.5	X	0.1	X	X	X	X	X
	Total	3.9	4.7	4.0	6.1	7.2	0.3	95.7	3.9	95.7	7.0

Midwest Census Region

311	Food	3.8	4.9	4.0	5.5	8.0	0.1	0.1	0.1	0.1	0.1
3112	Grain and Oilseed Milling	1.6	2.9	1.7	5.7	2.8	X	0.1	X	0.1	X
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	5.5	19.5	5.8	0.1	24.0	X	0.1	0.1	0.1	0.1
3115	Dairy Product	3.9	16.2	4.1	X	16.2	X	X	X	X	X
3116	Animal Slaughtering and Processing	3.0	19.4	3.2	X	19.4	X	X	X	X	X
312	Beverage and Tobacco Products	4.1	60.9	4.1	X	60.9	X	X	X	X	X
3121	Beverages	4.1	60.9	4.2	X	60.9	X	X	X	X	X
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	4.6	X	4.6	X	X	X	X	X	X	X
314	Textile Product Mills	40.5	X	49.6	X	X	X	X	X	X	X
315	Apparel	68.9	X	68.9	X	X	X	X	X	X	X
316	Leather and Allied Products	9.0	X	9.0	X	X	X	X	X	X	X
321	Wood Products	5.8	32.7	5.8	68.8	0.1	0.1	X	0.1	X	0.1
321113	Sawmills	3.1	0.1	3.3	X	0.1	0.1	X	0.1	X	0.1
3212	Veneer, Plywood, and Engineered Woods	1.6	65.6	1.7	65.6	X	X	X	X	X	X
321219	Reconstituted Wood Products	1.8	X	1.8	X	X	X	X	X	X	X
3219	Other Wood Products	9.7	57.7	9.8	90.3	0.1	X	X	X	X	X
322	Paper	4.6	0.1	4.5	0.1	0.1	0.1	0.1	X	X	0.1
322110	Pulp Mills	0.0	X	0.0	X	X	X	X	X	X	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X	X	0.1
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	17.5	98.9	17.9	X	98.9	X	X	X	X	X
324	Petroleum and Coal Products	0.3	0.8	0.3	0.7	5.8	0.1	X	0.1	X	0.1
324110	Petroleum Refineries	0.2	0.1	0.2	0.1	0.1	X	X	0.1	X	0.1
324121	Asphalt Paving Mixture and Block	5.2	8.5	6.4	17.1	8.4	0.1	X	0.1	X	X
324122	Asphalt Shingle and Coating Materials	2.3	0.0	2.4	0.1	0.0	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	3.2	36.6	3.2	40.5	49.5	X	X	63.9	X	68.6
325110	Petrochemicals	37.4	X	37.4	X	X	X	X	X	X	X
325120	Industrial Gases	6.1	X	6.1	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	1.4	0.1	1.4	0.1	0.1	X	X	X	X	X
325193	Ethyl Alcohol	3.7	24.1	3.7	47.7	27.8	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	4.0	65.1	3.3	74.9	0.1	X	X	X	X	X
325211	Plastics Materials and Resins	10.0	22.4	10.0	94.3	0.1	X	X	X	X	X
325212	Synthetic Rubber	0.0	X	0.0	X	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	X	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	1.1	X	1.1	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	1.4	1.4	1.4	54.2	1.4	X	X	63.9	X	68.6
325412	Pharmaceutical Preparation	1.3	1.5	1.3	68.6	1.5	X	X	68.6	X	68.6
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	X
326	Plastics and Rubber Products	13.8	63.8	14.8	80.3	99.0	X	X	X	X	X
327	Nonmetallic Mineral Products	5.2	7.1	5.3	8.4	1.2	X	X	9.0	X	X
327120	Clay Building Material and Refractories	3.4	0.1	3.5	0.1	X	X	X	X	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	0.7	0.1	0.8	X	0.1	X	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	1.0	57.1	1.0	57.1	X	X	X	X	X	X
327310	Cements	1.7	X	1.7	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	0.0	X	0.0	X	X	X	X	X	X	X
327993	Mineral Wool	1.2	0.1	1.3	0.1	0.1	X	X	0.1	X	X
331	Primary Metals	2.5	43.6	2.5	55.6	55.9	X	X	67.6	X	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	X	0.0	X	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	46.4	X	46.8	X	X	X	X	X	X	X
3313	Alumina and Aluminum	0.1	29.7	0.1	46.3	36.5	X	X	67.7	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	0.1	0.1	X	X	X	X	X
331315	Aluminum Sheet, Plate and Foils	0.0	0.0	0.0	X	0.0	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.5	46.5	1.6	46.5	67.7	X	X	67.7	X	X
3314	Nonferrous Metals, except Aluminum	2.2	72.8	2.1	78.2	72.8	X	X	78.2	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	X	0.0	X	X	X	X	X	X	X
3315	Foundries	2.2	8.1	2.2	14.0	66.1	X	X	X	X	0.1
331511	Iron Foundries	3.5	X	3.5	X	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.7	0.1	1.7	0.1	X	X	X	X	X	0.1
331524	Aluminum Foundries, except Die-Casting	6.8	8.4	7.1	18.1	X	X	X	X	X	0.1

332	Fabricated Metal Products	11.6	67.8	11.9	99.5	78.0	X	X	X	X	X
333	Machinery	13.0	49.8	13.3	63.3	57.6	X	X	X	X	X
334	Computer and Electronic Products	25.4	66.2	26.1	87.9	74.8	X	X	93.4	X	X
334413	Semiconductors and Related Devices	0.1	0.1	0.1	0.1	0.1	X	X	0.1	X	X
335	Electrical Equip., Appliances, and Components	24.5	70.5	25.6	X	70.5	X	X	X	X	X
336	Transportation Equipment	9.3	52.0	9.5	67.6	62.7	X	X	91.1	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	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	2.5	31.2	2.7	79.8	31.2	X	X	79.8	X	X
336411	Aircraft	1.9	X	1.9	X	X	X	X	X	X	X
337	Furniture and Related Products	16.8	X	17.2	X	X	X	X	X	X	X
339	Miscellaneous	18.8	79.3	20.0	81.6	79.6	X	X	83.2	X	X
	Total	2.0	13.6	2.0	22.4	16.0	0.1	0.1	36.3	0.1	0.6

**South Census Region**

311	Food	5.8	10.6	6.0	87.0	10.9	X	X	X	X	0.1
3112	Grain and Oilseed Milling	6.4	X	6.5	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	0.1	0.1	0.1	X	0.1	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	20.7	15.9	21.6	X	15.9	X	X	X	X	X
3115	Dairy Product	5.0	39.4	5.2	0.1	49.7	X	X	X	X	0.1
3116	Animal Slaughtering and Processing	4.1	13.7	4.4	97.1	13.7	X	X	X	X	X
312	Beverage and Tobacco Products	3.4	25.5	3.5	82.2	48.5	X	0.1	X	X	55.9
3121	Beverages	4.5	28.1	4.6	82.2	65.0	X	0.1	X	X	55.9
3122	Tobacco	0.1	0.1	0.1	X	0.1	X	X	X	X	X
313	Textile Mills	11.5	61.3	12.1	80.6	93.2	X	X	X	X	X
314	Textile Product Mills	10.8	45.6	10.9	X	45.6	X	X	X	X	X
315	Apparel	10.7	88.8	9.9	88.8	X	X	X	X	X	X
316	Leather and Allied Products	19.1	X	19.1	X	X	X	X	X	X	X
321	Wood Products	19.7	30.8	20.3	8.5	34.6	X	X	1.2	X	77.6
321113	Sawmills	5.5	11.3	5.7	8.5	1.3	X	X	1.2	X	77.6
3212	Veneer, Plywood, and Engineered Woods	7.5	X	7.6	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	10.3	X	10.3	X	X	X	X	X	X	X
3219	Other Wood Products	51.5	93.4	53.5	X	93.4	X	X	X	X	X
322	Paper	2.9	0.1	3.0	0.1	0.1	0.1	0.1	X	X	0.1
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	X	0.0	0.0	X	X	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	0.0	0.0	0.0	X	X	0.0
323	Printing and Related Support	36.4	53.5	38.2	67.5	85.4	X	X	X	X	X
324	Petroleum and Coal Products	0.1	0.5	0.1	0.4	8.5	0.1	X	11.4	X	0.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
324121	Asphalt Paving Mixture and Block	8.0	9.1	8.9	51.8	9.6	0.1	X	40.1	X	X
324122	Asphalt Shingle and Coating Materials	1.1	0.1	1.1	0.1	0.1	0.1	X	0.1	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	2.1	3.5	2.3	0.1	34.6	X	0.1	0.1	X	1.1
325110	Petrochemicals	0.0	0.0	0.0	0.0	X	X	X	X	X	0.0
325120	Industrial Gases	12.6	X	12.6	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	2.6	82.7	2.6	X	82.7	X	X	X	X	X
325193	Ethyl Alcohol	0.0	X	0.0	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	4.2	25.8	4.2	0.1	45.8	X	X	X	X	0.1
325211	Plastics Materials and Resins	2.2	0.1	2.8	0.1	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	X	X
325311	Nitrogenous Fertilizers	8.5	X	8.5	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	2.1	2.4	2.3	0.1	3.1	X	X	X	X	2.8
325412	Pharmaceutical Preparation	3.0	2.8	3.3	0.1	3.9	X	X	X	X	2.8
325992	Photographic Film, Paper, Plate, and Chemicals	2.1	X	2.1	X	X	X	X	X	X	X
326	Plastics and Rubber Products	13.3	99.0	13.3	99.0	X	X	X	X	X	X
327	Nonmetallic Mineral Products	7.6	1.4	7.6	0.1	2.2	X	X	0.1	X	85.4
327120	Clay Building Material and Refractories	2.9	0.0	3.0	X	0.0	X	X	X	X	X
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	1.5	0.1	1.4	0.1	0.1	X	X	0.1	X	X
327213	Glass Containers	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327215	Glass Products from Purchased Glass	2.4	0.1	2.4	X	0.1	X	X	X	X	X
327310	Cements	1.7	X	1.7	X	X	X	X	X	X	X
327410	Lime	0.0	0.0	0.0	0.0	X	X	X	X	X	X
327420	Gypsum	3.2	X	3.2	X	X	X	X	X	X	X
327993	Mineral Wool	0.7	47.7	0.7	X	47.7	X	X	X	X	X
331	Primary Metals	1.7	1.0	1.7	0.1	49.2	X	X	71.8	X	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	X	X	X	X	0.0
3312	Steel Products from Purchased Steel	1.8	X	1.8	X	X	X	X	X	X	X
3313	Alumina and Aluminum	0.3	3.4	0.3	0.3	49.2	X	X	X	X	0.1
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	2.3	X	2.3	X	X	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.4	46.1	1.2	28.6	49.2	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	5.1	X	5.1	X	X	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	X	0.0	X	X	X	X	X	X	X
3315	Foundries	23.0	3.0	23.1	1.6	X	X	X	71.8	X	X
331511	Iron Foundries	2.2	0.0	2.2	0.0	X	X	X	X	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.0	X	1.0	X	X	X	X	X	X	X

331524	Aluminum Foundries, except Die-Casting	1.6	71.8	1.6	71.8	X	X	X	71.8	X	X
332	Fabricated Metal Products	18.3	99.5	19.3	99.5	X	X	X	X	X	X
333	Machinery	20.0	X	20.0	X	X	X	X	X	X	X
334	Computer and Electronic Products	8.2	77.3	8.2	99.0	93.6	X	X	X	X	X
334413	Semiconductors and Related Devices	1.9	X	1.9	X	X	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	13.4	98.9	13.6	98.9	X	X	X	X	X	X
336	Transportation Equipment	10.2	93.7	10.4	96.0	46.5	X	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	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	19.6	41.1	19.8	87.3	46.5	X	X	X	X	X
336411	Aircraft	35.5	46.5	35.7	X	46.5	X	X	X	X	X
337	Furniture and Related Products	14.2	51.7	15.2	51.7	X	X	X	X	X	X
339	Miscellaneous	20.5	85.3	20.8	X	85.3	X	X	X	X	X
	Total	1.9	5.9	1.9	6.8	18.9	0.1	0.1	1.4	X	0.4

**West Census Region**

311	Food	5.3	15.9	5.4	17.6	19.4	X	X	X	X	X
3112	Grain and Oilseed Milling	3.0	14.0	3.2	X	14.0	X	X	X	X	X
311221	Wet Corn Milling	0.0	X	0.0	X	X	X	X	X	X	X
31131	Sugar Manufacturing	0.1	0.1	0.1	0.1	X	X	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	5.6	36.9	5.8	54.1	0.0	X	X	X	X	X
3115	Dairy Product	4.2	22.6	4.5	0.1	27.9	X	X	X	X	X
3116	Animal Slaughtering and Processing	3.1	36.4	3.2	X	36.4	X	X	X	X	X
312	Beverage and Tobacco Products	24.5	9.7	26.8	0.1	97.3	X	X	0.1	X	X
3121	Beverages	24.5	9.7	26.8	0.1	97.3	X	X	0.1	X	X
3122	Tobacco	X	X	X	X	X	X	X	X	X	X
313	Textile Mills	11.5	X	12.1	X	X	X	X	X	X	X
314	Textile Product Mills	34.1	X	34.1	X	X	X	X	X	X	X
315	Apparel	31.7	69.1	35.4	69.1	X	X	X	X	X	X
316	Leather and Allied Products	7.5	X	7.5	X	X	X	X	X	X	X
321	Wood Products	2.7	38.2	2.8	X	X	X	X	44.8	X	0.1
321113	Sawmills	3.0	0.1	3.1	X	X	X	X	X	X	0.1
3212	Veneer, Plywood, and Engineered Woods	1.4	X	1.4	X	X	X	X	X	X	X
321219	Reconstituted Wood Products	0.5	X	0.5	X	X	X	X	X	X	X
3219	Other Wood Products	12.4	44.8	13.1	X	X	X	X	44.8	X	X
322	Paper	3.8	0.1	3.8	0.1	X	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	0.0	X	X	X	X	X	X
322122	Newsprint Mills	0.0	X	0.0	X	X	X	X	X	X	X
322130	Paperboard Mills	0.0	X	0.0	X	X	X	X	X	X	X
323	Printing and Related Support	23.4	X	24.3	X	X	X	X	X	X	X
324	Petroleum and Coal Products	0.3	0.1	0.3	0.1	X	X	X	X	X	0.1
324110	Petroleum Refineries	0.3	0.1	0.3	0.1	X	X	X	X	X	0.1
324121	Asphalt Paving Mixture and Block	5.4	X	5.4	X	X	X	X	X	X	X
324122	Asphalt Shingle and Coating Materials	1.1	X	1.1	X	X	X	X	X	X	X
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X	X	X	X
325	Chemicals	3.2	10.3	3.2	78.9	5.8	X	X	X	X	71.1
325110	Petrochemicals	0.0	X	0.0	X	X	X	X	X	X	X
325120	Industrial Gases	3.1	X	3.1	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	3.5	X	3.5	X	X	X	X	X	X	X
325193	Ethyl Alcohol	32.2	X	32.2	X	X	X	X	X	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	X	0.0	X	X	X	X	X	X	X
325199	Other Basic Organic Chemicals	3.7	X	3.7	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	1.4	X	1.4	X	X	X	X	X	X	X
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	X	X	X	X	X	X
325220	Artificial and Synthetic Fibers and Filaments	0.0	X	0.0	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	5.8	10.7	6.5	96.4	5.8	X	X	X	X	X
325412	Pharmaceutical Preparation	9.5	0.1	9.9	X	0.1	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.8	71.1	0.2	X	X	X	X	X	X	71.1
326	Plastics and Rubber Products	45.7	99.0	46.1	X	X	X	X	99.0	X	X
327	Nonmetallic Mineral Products	3.4	6.6	3.4	52.0	0.1	X	X	X	X	X
327120	Clay Building Material and Refractories	2.9	X	3.3	X	X	X	X	X	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	1.4	X	1.4	X	X	X	X	X	X	X
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	13.0	7.6	13.2	7.6	X	X	X	X	X	X
327310	Cements	0.3	X	0.3	X	X	X	X	X	X	X
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	4.2	0.1	4.2	0.1	X	X	X	X	X	X
327993	Mineral Wool	0.0	X	0.0	X	X	X	X	X	X	X
331	Primary Metals	0.4	0.4	0.4	3.7	0.1	X	X	X	9.1	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
3312	Steel Products from Purchased Steel	1.9	0.1	2.2	X	X	X	X	X	X	0.1
3313	Alumina and Aluminum	0.1	X	0.1	X	X	X	X	X	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	X	0.1	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
331318	Other Aluminum Rolling, Drawing and Extruding	2.5	X	2.5	X	X	X	X	X	X	X
3314	Nonferrous Metals, except Aluminum	1.9	0.8	1.9	X	0.1	X	X	91.2	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	2.5	X	2.5	X	X	X	X	X	X	X
3315	Foundries	1.8	4.9	1.8	4.9	0.1	X	X	0.1	X	X
331511	Iron Foundries	0.0	0.0	0.0	X	0.0	X	X	X	X	X

331523	Nonferrous Metal Die-Casting Foundries	2.4	X	2.4	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	3.3	4.9	3.3	4.9	0.1	X	X	0.1	X	X
332	Fabricated Metal Products	25.5	97.5	25.5	X	X	X	X	X	X	97.5
333	Machinery	23.0	99.0	24.1	99.0	X	X	X	X	X	X
334	Computer and Electronic Products	3.8	10.4	3.9	85.4	10.3	X	X	X	X	X
334413	Semiconductors and Related Devices	1.5	0.1	1.5	X	0.1	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	29.1	83.5	29.2	83.5	X	X	X	X	X	X
336	Transportation Equipment	10.3	7.5	10.6	22.0	7.5	X	X	22.0	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	0.0	X	X	X	X	X	X	X
3364	Aerospace Product and Parts	4.1	0.1	4.3	0.1	0.1	X	X	0.1	X	X
336411	Aircraft	5.1	0.0	5.6	0.0	0.0	X	X	0.0	X	X
337	Furniture and Related Products	26.8	X	27.5	X	X	X	X	X	X	X
339	Miscellaneous	19.3	59.4	19.2	90.8	67.1	X	X	X	X	X
	<b>Total</b>	<b>4.3</b>	<b>7.1</b>	<b>4.4</b>	<b>10.4</b>	<b>9.8</b>	<b>X</b>	<b>X</b>	<b>20.1</b>	<b>X</b>	<b>1.2</b>

#### Economic Characteristic (f)

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

Under 20	7.1	28.4	7.5	22.8	37.6	22.2	95.7	43.9	95.7	48.5
20-49	5.0	33.3	5.1	50.7	33.4	0.1	X	78.0	X	X
50-99	4.1	26.2	4.1	41.0	26.8	0.1	X	27.3	X	45.7
100-249	2.7	22.3	2.7	46.5	7.9	0.1	0.1	2.5	0.1	3.1
250-499	2.4	12.9	2.4	19.1	11.1	0.1	0.1	90.2	X	0.1
500 and Over	0.9	1.7	0.9	2.0	12.5	0.1	0.1	36.5	X	0.1
<b>Total</b>	<b>1.2</b>	<b>5.2</b>	<b>1.2</b>	<b>7.2</b>	<b>9.1</b>	<b>0.1</b>	<b>0.1</b>	<b>28.3</b>	<b>0.8</b>	<b>0.9</b>

##### Employment Size

Under 50	6.2	24.7	6.5	23.2	37.0	18.9	95.7	44.5	95.7	91.6
50-99	5.2	29.4	5.4	36.5	35.2	0.1	X	8.2	X	22.6
100-249	2.8	22.6	2.8	43.3	22.6	0.1	0.1	59.0	0.1	10.6
250-499	2.3	15.3	2.4	21.3	5.6	0.1	0.1	27.0	0.1	0.5
500-999	1.8	3.5	1.7	1.0	10.5	0.1	0.1	0.1	X	0.1
1000 and Over	2.1	3.1	2.1	3.3	14.0	X	0.1	40.0	X	0.1
<b>Total</b>	<b>1.2</b>	<b>5.2</b>	<b>1.2</b>	<b>7.2</b>	<b>9.1</b>	<b>0.1</b>	<b>0.1</b>	<b>28.3</b>	<b>0.8</b>	<b>0.9</b>

(a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

(b) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for distillate fuel oil during 2014. The quantities are expressed in thousands of barrels, and therefore represent the quantity of distillate fuel oil that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of distillate fuel oil that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.

(d) 'Electricity 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.

(e) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of distillate fuel oil.

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

\* 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.

-- Estimation is not applicable. Energy source is not included in series.

Notes: Totals may not equal sum of components because of independent rounding.

Sources: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey,' and the Bureau of the Census, data files for the '2014 Annual Survey of Manufactures.'