

**Table 10.2 Capability to Switch Natural Gas to Alternative Energy Sources, 2014;**

Level: National Data and Regional Data;  
 Row: NAICS Codes  
 Column: Energy Sources;  
 Unit: Billion Cubic Feet.

NAICS Code(a)	Subsector and Industry	Natural Gas			Alternative Energy Sources(b)						
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Distillate Fuel Oil	Residual Fuel Oil	Coal	HGL (excluding natural gasoline)	Coal Coke and Breeze	Other(e)
<b>Total United States</b>											
311	Food	554	105	428	9	59	16	1	23	*	13
3112	Grain and Oilseed Milling	129	35	90	5	20	4	1	5	0	3
311221	Wet Corn Milling	46	6	41	5	*	0	1	*	0	0
31131	Sugar Manufacturing	15	3	12	0	1	3	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	102	11	90	*	7	2	*	3	*	*
3115	Dairy Product	66	15	49	2	8	2	0	5	0	*
3116	Animal Slaughtering and Processing	122	24	95	1	15	5	0	2	0	10
312	Beverage and Tobacco Products	47	4	41	1	2	1	0	1	0	*
3121	Beverages	42	2	38	0	1	*	0	Q	0	*
3122	Tobacco	5	2	3	1	1	1	0	*	0	0
313	Textile Mills	35	10	24	*	4	2	Q	3	0	0
314	Textile Product Mills	16	5	10	*	2	*	1	2	0	1
315	Apparel	2	1	1	*	*	0	0	*	0	0
316	Leather and Allied Products	1	*	1	*	0	*	*	*	0	0
321	Wood Products	48	5	42	1	1	*	0	2	0	1
321113	Sawmills	6	*	5	*	*	*	0	*	0	*
3212	Veneer, Plywood, and Engineered Woods	28	2	25	*	*	0	0	1	0	*
321219	Reconstituted Wood Products	20	1	19	*	*	0	0	*	0	*
3219	Other Wood Products	12	2	10	*	Q	0	0	*	0	1
322	Paper	424	79	338	10	24	35	10	4	3	8
322110	Pulp Mills	29	10	19	0	5	7	0	0	0	0
322121	Paper Mills, except Newsprint	156	24	132	7	3	9	6	2	3	3
322122	Newsprint Mills	8	*	8	0	0	*	0	0	0	0
322130	Paperboard Mills	183	40	141	3	14	18	3	*	0	5
323	Printing and Related Support	38	6	30	*	3	*	*	3	0	0
324	Petroleum and Coal Products	1,041	187	852	7	15	10	0	138	0	45
324110	Petroleum Refineries	972	171	801	6	4	2	0	134	0	43
324121	Asphalt Paving Mixture and Block	41	14	26	1	9	7	0	3	0	2
324122	Asphalt Shingle and Coating Materials	10	1	9	*	*	0	0	1	0	*
324199	Other Petroleum and Coal Products	7	1	6	0	1	1	0	0	0	*
325	Chemicals	1,946	130	1,800	7	49	13	6	54	0	17
325110	Petrochemicals	300	10	291	*	2	1	0	6	0	1
325120	Industrial Gases	37	0	33	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	147	5	140	*	3	0	*	1	0	2
325193	Ethyl Alcohol	353	29	318	1	1	0	*	26	0	2
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	23	5	18	0	1	4	0	1	0	0
325199	Other Basic Organic Chemicals	353	29	324	0	15	*	3	10	0	10
325211	Plastics Materials and Resins	365	13	352	3	5	2	1	2	0	2
325212	Synthetic Rubber	18	1	17	*	1	*	0	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	13	3	10	*	2	1	1	*	0	0
325311	Nitrogenous Fertilizers	154	Q	148	0	0	0	0	Q	0	*
325312	Phosphatic Fertilizers	24	0	24	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	49	13	35	1	8	2	1	1	0	1
325412	Pharmaceutical Preparation	21	5	15	1	3	*	1	*	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	4	2	2	*	1	*	0	1	0	0
326	Plastics and Rubber Products	87	22	60	Q	14	Q	Q	Q	0	0
327	Nonmetallic Mineral Products	324	21	297	*	5	2	4	10	1	2
327120	Clay Building Material and Refractories	34	2	31	*	*	1	*	1	0	*
327211	Flat Glass	45	4	41	*	*	0	0	4	0	0
327212	Other Pressed and Blown Glass and Glassware	24	3	20	*	1	*	0	2	0	1
327213	Glass Containers	45	1	43	0	0	0	0	1	0	0
327215	Glass Products from Purchased Glass	11	1	10	*	*	*	*	1	*	*
327310	Cements	20	4	16	*	*	*	3	*	*	*
327410	Lime	6	*	6	0	*	0	0	0	0	0
327420	Gypsum	46	3	43	0	2	0	0	1	0	0
327993	Mineral Wool	20	*	19	*	*	0	0	*	0	0
331	Primary Metals	625	32	590	1	5	1	6	10	8	3
331110	Iron and Steel Mills and Ferroalloys	390	17	373	1	1	0	5	2	8	*
3312	Steel Products from Purchased Steel	26	2	23	*	0	0	0	2	0	0
3313	Alumina and Aluminum	114	5	108	1	2	1	*	1	*	2
331314	Secondary Smelting and Alloying of Aluminum	16	1	14	*	1	*	*	*	*	0
331315	Aluminum Sheet, Plate and Foils	44	1	42	0	1	*	0	1	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	13	3	10	*	*	*	0	*	0	2
3314	Nonferrous Metals, except Aluminum	41	4	37	*	1	0	0	2	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	16	*	15	*	*	0	0	0	0	0
3315	Foundries	54	4	49	*	1	*	*	3	*	1

331511	Iron Foundries	15	1	14	*	0	0	0	1	0	*
331523	Nonferrous Metal Die-Casting Foundries	16	1	15	*	1	0	0	*	0	*
331524	Aluminum Foundries, except Die-Casting	8	*	8	*	0	0	*	*	0	0
332	Fabricated Metal Products	186	2	169	*	*	*	*	Q	*	*
333	Machinery	70	13	56	Q	6	Q	Q	Q	0	*
334	Computer and Electronic Products	45	6	38	*	3	2	0	Q	0	1
334413	Semiconductors and Related Devices	24	3	20	*	2	1	0	*	0	1
335	Electrical Equip., Appliances, and Components	26	2	23	*	0	*	0	Q	0	1
336	Transportation Equipment	141	10	127	3	5	*	*	4	0	*
336111	Automobiles	18	0	18	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	24	*	24	0	*	0	0	0	0	0
3364	Aerospace Product and Parts	28	4	24	*	4	0	0	*	0	0
336411	Aircraft	10	2	7	*	2	0	0	*	0	0
337	Furniture and Related Products	14	1	12	*	0	*	0	1	0	*
339	Miscellaneous	25	Q	14	*	Q	0	0	*	0	0
	Total	5,693	651	4,953	44	207	89	31	266	12	91

**Northeast Census Region**

311	Food	41	10	30	*	5	2	0	Q	0	1
3112	Grain and Oilseed Milling	2	*	2	0	*	0	0	0	0	0
311221	Wet Corn Milling	*	*	*	0	*	0	0	0	0	0
31131	Sugar Manufacturing	*	0	*	0	0	0	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	7	2	5	0	1	2	0	1	0	0
3115	Dairy Product	9	2	8	*	1	Q	0	*	0	0
3116	Animal Slaughtering and Processing	5	1	3	*	1	0	0	0	0	1
312	Beverage and Tobacco Products	7	1	5	*	1	1	0	0	0	0
3121	Beverages	6	1	5	0	1	*	0	0	0	0
3122	Tobacco	1	1	*	*	*	1	0	0	0	0
313	Textile Mills	10	Q	Q	0	*	*	0	0	0	0
314	Textile Product Mills	*	*	*	0	*	0	*	0	0	0
315	Apparel	*	*	*	*	0	0	0	*	0	0
316	Leather and Allied Products	*	*	*	*	0	*	*	*	0	0
321	Wood Products	4	*	4	*	*	0	0	*	0	*
321113	Sawmills	*	0	*	0	0	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	1	*	1	0	0	0	0	*	0	*
321219	Reconstituted Wood Products	1	*	1	0	0	0	0	*	0	0
3219	Other Wood Products	3	*	3	0	0	0	0	*	0	0
322	Paper	56	17	35	7	4	7	0	*	0	*
322110	Pulp Mills	3	1	2	0	0	1	0	0	0	0
322121	Paper Mills, except Newsprint	28	10	19	7	2	3	0	*	0	*
322122	Newsprint Mills	0	0	0	0	0	0	0	0	0	0
322130	Paperboard Mills	16	4	10	0	2	2	0	0	0	0
323	Printing and Related Support	5	*	5	*	*	*	0	*	0	0
324	Petroleum and Coal Products	37	13	24	*	3	2	0	9	0	*
324110	Petroleum Refineries	28	9	19	0	0	*	0	9	0	0
324121	Asphalt Paving Mixture and Block	7	3	3	*	2	1	0	*	0	*
324122	Asphalt Shingle and Coating Materials	*	*	*	0	0	0	0	*	0	0
324199	Other Petroleum and Coal Products	1	1	*	0	1	1	0	0	0	0
325	Chemicals	71	18	53	1	8	6	0	Q	0	1
325110	Petrochemicals	*	*	0	0	*	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	4	1	3	0	*	0	0	0	0	1
325193	Ethyl Alcohol	9	0	9	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	6	4	2	0	*	4	0	0	0	0
325199	Other Basic Organic Chemicals	8	2	7	0	2	*	0	0	0	*
325211	Plastics Materials and Resins	7	2	5	*	1	*	0	Q	0	*
325212	Synthetic Rubber	*	*	*	0	*	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	*	0	*	0	0	0	0	0
325311	Nitrogenous Fertilizers	*	0	*	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	0	0	0	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	21	7	14	1	4	2	0	0	0	0
325412	Pharmaceutical Preparation	5	2	4	1	*	*	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	1	*	1	0	0	*	0	*	0	0
326	Plastics and Rubber Products	7	3	Q	Q	Q	0	Q	*	0	0
327	Nonmetallic Mineral Products	45	3	41	*	*	Q	1	1	*	1
327120	Clay Building Material and Refractories	4	*	4	0	0	0	0	*	0	*
327211	Flat Glass	9	0	9	0	0	0	0	0	0	0
327212	Other Pressed and Blown Glass and Glassware	5	1	4	*	0	*	0	1	0	1
327213	Glass Containers	8	0	8	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	2	*	2	*	*	*	*	*	*	*
327310	Cements	3	1	2	*	0	*	1	*	0	*
327410	Lime	*	*	*	0	*	0	0	0	0	0
327420	Gypsum	4	0	4	0	0	0	0	0	0	0
327993	Mineral Wool	2	*	2	*	0	0	0	*	0	0
331	Primary Metals	68	11	57	*	1	*	*	1	8	1
331110	Iron and Steel Mills and Ferroalloys	43	8	35	*	*	0	0	0	8	*
3312	Steel Products from Purchased Steel	5	*	4	0	0	0	0	*	0	0
3313	Alumina and Aluminum	10	1	9	0	*	*	0	0	0	1
331314	Secondary Smelting and Alloying of Aluminum	*	0	*	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	6	*	6	0	0	*	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	3	1	2	0	*	0	0	0	0	1

3314	Nonferrous Metals, except Aluminum	7	1	6	*	1	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	*	*	*	*	*	0	0	0	0	0
3315	Foundries	4	1	3	*	0	0	*	1	*	0
331511	Iron Foundries	1	*	1	0	0	0	0	*	0	0
331523	Nonferrous Metal Die-Casting Foundries	1	0	1	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	0	*	0	0	0	0	0	0	0
332	Fabricated Metal Products	19	*	15	*	0	0	0	0	0	0
333	Machinery	7	*	7	0	*	0	0	*	0	*
334	Computer and Electronic Products	8	2	5	0	1	1	0	0	0	0
334413	Semiconductors and Related Devices	4	1	3	0	*	1	0	0	0	0
335	Electrical Equip., Appliances, and Components	5	*	5	0	0	*	0	*	0	0
336	Transportation Equipment	12	1	10	*	1	0	0	Q	0	0
336111	Automobiles	0	0	0	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	5	*	4	*	*	0	0	*	0	0
336411	Aircraft	1	*	*	0	*	0	0	0	0	0
337	Furniture and Related Products	1	*	1	0	0	*	0	0	0	0
339	Miscellaneous	6	*	5	*	0	0	0	0	0	0
	Total	411	80	315	9	27	22	2	17	8	4

Midwest Census Region

311	Food	239	55	174	6	28	9	1	10	*	8
3112	Grain and Oilseed Milling	97	32	63	5	18	4	1	5	0	2
311221	Wet Corn Milling	41	6	35	5	0	0	1	*	0	0
31131	Sugar Manufacturing	5	2	4	0	1	2	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	19	2	17	*	1	*	*	*	*	*
3115	Dairy Product	26	10	15	*	5	2	0	4	0	*
3116	Animal Slaughtering and Processing	51	9	42	*	3	2	0	2	0	5
312	Beverage and Tobacco Products	10	*	9	0	*	*	0	*	0	*
3121	Beverages	10	*	9	0	*	*	0	*	0	*
3122	Tobacco	*	0	*	0	0	0	0	0	0	0
313	Textile Mills	1	*	1	0	*	0	0	0	0	0
314	Textile Product Mills	Q	*	Q	*	0	0	0	0	0	0
315	Apparel	*	0	*	0	0	0	0	0	0	0
316	Leather and Allied Products	1	0	1	0	0	0	0	0	0	0
321	Wood Products	10	2	8	*	Q	*	0	*	0	1
321113	Sawmills	1	*	*	*	*	*	0	*	0	*
3212	Veneer, Plywood, and Engineered Woods	4	*	4	*	*	0	0	*	0	*
321219	Reconstituted Wood Products	3	*	3	0	*	0	0	*	0	*
3219	Other Wood Products	5	1	3	*	*	0	0	*	0	*
322	Paper	79	17	60	1	5	7	2	2	0	1
322110	Pulp Mills	1	0	1	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	36	7	29	0	1	3	2	1	0	1
322122	Newsprint Mills	*	0	*	0	0	0	0	0	0	0
322130	Paperboard Mills	24	7	16	1	3	4	*	*	0	*
323	Printing and Related Support	13	2	10	*	Q	0	*	2	0	0
324	Petroleum and Coal Products	146	36	109	1	3	2	0	31	0	3
324110	Petroleum Refineries	126	32	95	0	0	0	0	30	0	1
324121	Asphalt Paving Mixture and Block	9	5	4	1	3	2	0	*	0	1
324122	Asphalt Shingle and Coating Materials	4	*	3	*	*	0	0	0	0	0
324199	Other Petroleum and Coal Products	4	0	4	0	0	0	0	0	0	0
325	Chemicals	475	41	429	1	8	Q	2	26	0	3
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	1	0	1	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	16	*	15	*	*	0	0	*	0	0
325193	Ethyl Alcohol	319	28	288	1	1	0	*	24	0	2
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	3	1	2	0	1	0	0	1	0	0
325199	Other Basic Organic Chemicals	23	5	18	0	4	*	0	*	0	*
325211	Plastics Materials and Resins	23	2	22	*	*	*	1	*	0	1
325212	Synthetic Rubber	1	*	*	*	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	*	*	*	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	35	0	35	0	0	0	0	0	0	0
325312	Phosphatic Fertilizers	*	0	*	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	11	2	9	*	1	0	1	*	0	*
325412	Pharmaceutical Preparation	7	2	6	*	1	0	1	*	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	*	*	*	*	0	0	0	*	0	0
326	Plastics and Rubber Products	38	Q	32	*	Q	0	0	*	0	0
327	Nonmetallic Mineral Products	84	7	74	*	2	*	1	4	*	*
327120	Clay Building Material and Refractories	6	1	6	*	*	*	0	*	0	*
327211	Flat Glass	13	3	10	*	0	0	0	3	0	0
327212	Other Pressed and Blown Glass and Glassware	7	1	7	0	1	0	0	*	0	*
327213	Glass Containers	11	0	11	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	3	*	3	*	0	*	0	*	0	0
327310	Cements	3	1	2	0	0	0	1	0	*	*
327410	Lime	3	0	3	0	0	0	0	0	0	0
327420	Gypsum	9	1	7	0	1	0	0	1	0	0
327993	Mineral Wool	7	*	7	*	0	0	0	*	0	0
331	Primary Metals	347	10	336	1	*	*	5	3	0	1
331110	Iron and Steel Mills and Ferroalloys	261	6	255	*	0	0	5	*	0	0
3312	Steel Products from Purchased Steel	14	1	12	0	0	0	0	1	0	0
3313	Alumina and Aluminum	28	*	27	*	0	0	0	*	0	0

331314	Secondary Smelting and Alloying of Aluminum	8	*	7	0	0	0	0	*	0	0
331315	Aluminum Sheet, Plate and Foils	13	0	13	0	0	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	3	*	3	*	0	0	0	*	0	0
3314	Nonferrous Metals, except Aluminum	12	*	11	*	*	0	0	0	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	3	*	3	*	0	0	0	0	0	0
3315	Foundries	33	2	31	*	*	*	*	1	0	1
331511	Iron Foundries	10	1	10	0	0	0	0	*	0	*
331523	Nonferrous Metal Die-Casting Foundries	11	*	10	0	0	0	0	*	0	*
331524	Aluminum Foundries, except Die-Casting	5	*	5	*	0	0	*	*	0	0
332	Fabricated Metal Products	118	Q	109	*	*	*	*	Q	*	*
333	Machinery	46	12	33	Q	6	Q	Q	Q	0	*
334	Computer and Electronic Products	Q	Q	Q	*	0	0	0	Q	0	0
334413	Semiconductors and Related Devices	*	*	*	*	0	0	0	*	0	0
335	Electrical Equip., Appliances, and Components	6	0	5	0	0	0	0	0	0	0
336	Transportation Equipment	70	2	67	Q	Q	0	*	*	0	*
336111	Automobiles	14	0	13	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	17	*	16	0	*	0	0	0	0	0
3364	Aerospace Product and Parts	6	*	6	*	0	0	0	*	0	0
336411	Aircraft	2	0	2	0	0	0	0	0	0	0
337	Furniture and Related Products	8	*	7	0	0	0	0	*	0	0
339	Miscellaneous	6	*	5	0	0	0	0	*	0	0
	Total	1,710	190	1,481	11	56	20	13	86	1	16

South Census Region

311	Food	143	29	109	1	21	4	*	6	0	W
3112	Grain and Oilseed Milling	24	3	19	0	2	1	*	*	0	1
311221	Wet Corn Milling	4	0	4	0	0	0	0	0	0	0
31131	Sugar Manufacturing	2	*	1	0	*	*	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	18	2	15	0	2	*	0	*	0	0
3115	Dairy Product	6	2	3	0	2	0	0	*	0	0
3116	Animal Slaughtering and Processing	55	11	42	1	9	2	0	1	0	W
312	Beverage and Tobacco Products	22	2	19	1	2	*	0	Q	0	0
3121	Beverages	18	Q	17	0	*	0	0	*	0	0
3122	Tobacco	4	2	3	1	1	*	0	*	0	0
313	Textile Mills	22	8	13	*	3	Q	Q	3	0	0
314	Textile Product Mills	11	4	6	0	2	*	1	2	0	1
315	Apparel	1	*	1	*	*	0	0	*	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	21	2	19	*	*	0	0	Q	0	*
321113	Sawmills	1	*	1	*	*	0	0	*	0	0
3212	Veneer, Plywood, and Engineered Woods	17	1	15	*	*	0	0	Q	0	*
321219	Reconstituted Wood Products	13	1	12	0	*	0	0	*	0	*
3219	Other Wood Products	2	*	2	*	0	0	0	*	0	*
322	Paper	230	43	186	3	14	19	8	2	3	7
322110	Pulp Mills	24	9	15	0	5	6	0	0	0	0
322121	Paper Mills, except Newsprint	70	6	63	0	*	3	4	1	3	3
322122	Newsprint Mills	7	0	7	0	0	0	0	0	0	0
322130	Paperboard Mills	116	26	90	3	8	11	3	0	0	5
323	Printing and Related Support	16	3	Q	*	2	0	0	1	0	0
324	Petroleum and Coal Products	604	83	521	6	7	4	0	69	0	W
324110	Petroleum Refineries	575	76	499	5	2	0	0	65	0	W
324121	Asphalt Paving Mixture and Block	17	6	11	*	4	4	0	3	0	*
324122	Asphalt Shingle and Coating Materials	5	1	4	0	*	0	0	*	0	*
324199	Other Petroleum and Coal Products	1	*	1	0	0	0	0	0	0	*
325	Chemicals	1,348	70	1,270	4	32	5	4	26	0	13
325110	Petrochemicals	300	9	291	*	2	1	0	6	0	1
325120	Industrial Gases	35	0	31	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	111	3	106	0	2	0	0	*	0	1
325193	Ethyl Alcohol	11	2	10	0	*	0	0	2	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	11	*	11	0	*	0	0	0	0	0
325199	Other Basic Organic Chemicals	319	22	296	0	9	0	3	10	0	10
325211	Plastics Materials and Resins	332	9	323	3	4	2	0	1	0	1
325212	Synthetic Rubber	18	1	17	0	1	*	0	0	0	*
325220	Artificial and Synthetic Fibers and Filaments	13	3	10	*	2	1	1	*	0	0
325311	Nitrogenous Fertilizers	114	Q	108	0	0	0	0	Q	0	0
325312	Phosphatic Fertilizers	22	0	22	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	10	4	6	*	3	*	0	*	0	1
325412	Pharmaceutical Preparation	5	2	3	*	1	*	0	*	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	1	1	*	0	*	0	0	1	0	0
326	Plastics and Rubber Products	37	17	19	*	12	Q	0	*	0	0
327	Nonmetallic Mineral Products	150	9	140	*	2	1	1	4	*	Q
327120	Clay Building Material and Refractories	21	2	19	0	*	1	*	*	0	0
327211	Flat Glass	19	*	19	*	*	0	0	*	0	0
327212	Other Pressed and Blown Glass and Glassware	10	1	8	0	0	0	0	1	0	0
327213	Glass Containers	17	1	15	0	0	0	0	1	0	0
327215	Glass Products from Purchased Glass	5	1	4	*	*	0	0	*	0	0
327310	Cements	8	1	7	0	*	*	1	0	*	*
327410	Lime	3	0	3	0	0	0	0	0	0	0
327420	Gypsum	24	2	22	0	2	0	0	0	0	0
327993	Mineral Wool	8	*	8	0	0	0	0	*	0	0
331	Primary Metals	175	10	164	1	3	*	*	6	*	1

331110	Iron and Steel Mills and Ferroalloys	76	3	73	*	1	0	0	2	0	0
3312	Steel Products from Purchased Steel	7	*	6	*	0	0	0	*	0	0
3313	Alumina and Aluminum	69	3	66	1	1	*	*	1	*	1
331314	Secondary Smelting and Alloying of Aluminum	7	1	6	*	1	*	*	*	*	0
331315	Aluminum Sheet, Plate and Foils	22	1	22	0	*	0	0	1	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	5	1	3	*	*	*	0	*	0	1
3314	Nonferrous Metals, except Aluminum	9	2	7	*	*	0	0	2	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1	0	1	0	0	0	0	0	0	0
3315	Foundries	13	1	12	*	1	0	0	1	0	0
331511	Iron Foundries	3	*	3	*	0	0	0	*	0	0
331523	Nonferrous Metal Die-Casting Foundries	4	1	3	*	1	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	2	0	2	0	0	0	0	0	0	0
332	Fabricated Metal Products	32	*	28	*	0	0	0	0	0	0
333	Machinery	14	*	14	0	*	0	0	0	0	0
334	Computer and Electronic Products	8	1	7	*	*	*	0	*	0	1
334413	Semiconductors and Related Devices	4	1	3	0	*	0	0	0	0	1
335	Electrical Equip., Appliances, and Components	12	2	10	*	0	0	0	Q	0	1
336	Transportation Equipment	43	4	36	Q	1	*	0	2	0	0
336111	Automobiles	3	0	3	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	7	0	7	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	7	1	7	*	1	0	0	*	0	0
336411	Aircraft	5	1	4	*	1	0	0	*	0	0
337	Furniture and Related Products	5	1	3	*	0	0	0	1	0	*
339	Miscellaneous	Q	Q	2	*	Q	0	0	*	0	0
	Total	2,904	298	2,581	20	109	41	15	124	3	45

#### West Census Region

311	Food	131	11	115	2	5	1	0	3	0	W
3112	Grain and Oilseed Milling	6	*	6	0	*	0	0	*	0	0
311221	Wet Corn Milling	2	*	2	0	0	0	0	*	0	0
31131	Sugar Manufacturing	8	1	7	0	0	1	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Food	58	5	53	*	3	*	0	2	0	0
3115	Dairy Product	25	2	23	1	*	0	0	1	0	0
3116	Animal Slaughtering and Processing	12	3	9	0	1	0	0	0	0	W
312	Beverage and Tobacco Products	7	*	7	0	0	0	0	*	0	0
3121	Beverages	7	*	7	0	0	0	0	*	0	0
3122	Tobacco	0	0	0	0	0	0	0	0	0	0
313	Textile Mills	2	*	2	*	*	0	0	0	0	0
314	Textile Product Mills	Q	*	Q	0	*	0	0	*	0	0
315	Apparel	*	0	*	0	0	0	0	0	0	0
316	Leather and Allied Products	*	0	*	0	0	0	0	0	0	0
321	Wood Products	12	1	11	*	*	0	0	*	0	*
321113	Sawmills	3	*	3	0	*	0	0	0	0	0
3212	Veneer, Plywood, and Engineered Woods	6	1	5	*	0	0	0	*	0	0
321219	Reconstituted Wood Products	2	*	2	*	0	0	0	0	0	0
3219	Other Wood Products	2	*	2	*	*	0	0	0	0	*
322	Paper	60	3	57	0	1	2	0	0	0	0
322110	Pulp Mills	0	0	0	0	0	0	0	0	0	0
322121	Paper Mills, except Newsprint	22	*	21	0	0	*	0	0	0	0
322122	Newsprint Mills	1	*	1	0	0	*	0	0	0	0
322130	Paperboard Mills	27	2	25	0	1	2	0	0	0	0
323	Printing and Related Support	3	*	3	*	0	0	0	0	0	0
324	Petroleum and Coal Products	254	55	198	*	2	2	0	30	0	W
324110	Petroleum Refineries	242	54	188	*	2	2	0	30	0	W
324121	Asphalt Paving Mixture and Block	8	1	8	0	*	*	0	*	0	*
324122	Asphalt Shingle and Coating Materials	2	*	1	0	*	0	0	*	0	*
324199	Other Petroleum and Coal Products	*	0	*	0	0	0	0	0	0	0
325	Chemicals	52	2	48	*	1	0	*	Q	0	*
325110	Petrochemicals	*	0	*	0	0	0	0	0	0	0
325120	Industrial Gases	*	0	*	0	0	0	0	0	0	0
325180	Other Basic Inorganic Chemicals	16	Q	15	0	0	0	*	Q	0	0
325193	Ethyl Alcohol	13	0	11	0	0	0	0	0	0	0
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	2	0	2	0	0	0	0	0	0	0
325199	Other Basic Organic Chemicals	3	0	3	0	0	0	0	0	0	0
325211	Plastics Materials and Resins	2	*	2	*	0	0	0	0	0	0
325212	Synthetic Rubber	*	*	*	*	0	0	0	0	0	0
325220	Artificial and Synthetic Fibers and Filaments	*	0	*	0	0	0	0	0	0	0
325311	Nitrogenous Fertilizers	5	*	5	0	0	0	0	*	0	*
325312	Phosphatic Fertilizers	2	0	2	0	0	0	0	0	0	0
3254	Pharmaceuticals and Medicines	6	*	5	*	0	0	0	0	0	0
325412	Pharmaceutical Preparation	3	0	3	0	0	0	0	0	0	0
325992	Photographic Film, Paper, Plate, and Chemicals	1	1	*	0	1	0	0	0	0	0
326	Plastics and Rubber Products	6	Q	4	*	0	0	0	Q	0	0
327	Nonmetallic Mineral Products	46	3	42	*	*	*	1	2	*	0
327120	Clay Building Material and Refractories	2	0	2	0	0	0	0	0	0	0
327211	Flat Glass	5	2	3	0	0	0	0	2	0	0
327212	Other Pressed and Blown Glass and Glassware	1	*	1	*	0	0	0	0	0	0
327213	Glass Containers	10	0	10	0	0	0	0	0	0	0
327215	Glass Products from Purchased Glass	1	*	1	*	0	0	0	0	0	0
327310	Cements	6	1	5	*	*	*	1	*	*	0
327410	Lime	*	0	*	0	0	0	0	0	0	0

327420	Gypsum	10	0	10	0	0	0	0	0	0	0
327993	Mineral Wool	3	*	2	0	*	0	0	*	0	0
331	Primary Metals	34	1	33	*	1	0	0	1	0	0
331110	Iron and Steel Mills and Ferroalloys	10	*	10	*	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	*	0	*	0	0	0	0	0	0	0
3313	Alumina and Aluminum	7	1	6	0	1	0	0	*	0	0
331314	Secondary Smelting and Alloying of Aluminum	1	0	1	0	0	0	0	0	0	0
331315	Aluminum Sheet, Plate and Foils	3	1	2	0	1	0	0	0	0	0
331318	Other Aluminum Rolling, Drawing and Extruding	1	*	1	0	0	0	0	*	0	0
3314	Nonferrous Metals, except Aluminum	13	*	13	0	0	0	0	*	0	0
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	11	0	11	0	0	0	0	0	0	0
3315	Foundries	3	*	3	*	0	0	0	*	0	0
331511	Iron Foundries	1	*	1	*	0	0	0	*	0	0
331523	Nonferrous Metal Die-Casting Foundries	1	*	1	*	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	*	*	*	0	0	0	0	*	0	0
332	Fabricated Metal Products	17	0	17	0	0	0	0	0	0	0
333	Machinery	2	*	2	*	0	0	0	0	0	0
334	Computer and Electronic Products	19	2	17	*	2	0	0	0	0	*
334413	Semiconductors and Related Devices	15	1	14	0	1	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	3	0	3	0	0	0	0	0	0	0
336	Transportation Equipment	16	3	13	*	2	0	0	*	0	0
336111	Automobiles	2	0	2	0	0	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	*	0	*	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	10	3	8	0	2	0	0	*	0	0
336411	Aircraft	2	1	1	0	1	0	0	0	0	0
337	Furniture and Related Products	1	0	1	0	0	0	0	0	0	0
339	Miscellaneous	2	*	2	*	0	0	0	0	0	0
	Total	669	83	575	4	15	5	1	39	*	26

#### Economic Characteristic (f)

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

Under 20	381	43	306	4	27	7	*	11	*	3
20-49	334	36	291	4	16	8	2	9	*	6
50-99	525	61	447	3	22	14	2	23	1	5
100-249	847	109	720	5	47	17	4	39	*	8
250-499	750	88	655	8	43	15	3	20	0	6
500 and Over	2,855	314	2,534	19	52	27	19	165	10	64
Total	5,693	651	4,953	44	207	89	31	266	12	91

#### Employment Size

Under 50	590	66	493	5	31	13	1	20	*	7
50-99	578	70	492	3	36	6	2	25	0	7
100-249	1,030	99	916	6	40	25	5	31	1	9
250-499	1,153	152	985	14	46	16	3	58	*	28
500-999	1,170	166	996	15	29	19	9	91	3	26
1000 and Over	1,172	98	1,071	2	24	8	11	41	8	15
Total	5,693	651	4,953	44	207	89	31	266	12	91

(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 natural gas during 2014. The quantities are expressed in billions of cubic feet, and therefore represent the quantity of natural gas that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of natural gas 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 natural gas.

(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.'

**RSE Table 10.2 Relative Standard Errors for Table 10.2;**

Unit: Percents.

NAICS Code(a)	Subsector and Industry	Natural Gas			Alternative Energy Sources(b)					Coal Coke and	
		Total Consumed(c)	Switchable	Not Switchable	Electricity Receipts(d)	Distillate Fuel Oil	Residual Fuel Oil	Coal	HGL (excluding natural gasoline)	Breeze	Other(e)
<b>Total United States</b>											
311	Food	3.1	6.0	3.8	9.2	8.0	10.9	0.1	17.2	0.1	13.0
3112	Grain and Oilseed Milling	2.3	5.1	2.7	1.7	8.2	19.8	0.1	8.7	X	18.0
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	0.0	X	0.0	0.0	X	X
31131	Sugar Manufacturing	0.1	0.1	0.1	X	0.1	0.1	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	2.0	4.1	2.3	42.0	4.8	13.5	0.1	11.3	0.1	11.5
3115	Dairy Product	2.3	6.5	2.5	3.0	9.3	19.9	X	14.3	X	45.0
3116	Animal Slaughtering and Processing	2.8	8.3	3.1	9.8	11.2	31.5	X	21.3	X	16.5
312	Beverage and Tobacco Products	4.4	8.6	5.0	0.1	0.8	3.0	X	43.9	X	57.1
3121	Beverages	5.0	19.0	5.4	X	2.0	10.3	X	58.1	X	57.1
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X	X
313	Textile Mills	17.1	22.5	22.5	65.2	38.8	47.0	58.0	35.6	X	X
314	Textile Product Mills	16.6	13.4	26.5	97.5	19.7	0.1	29.4	18.7	X	2.0
315	Apparel	12.8	18.7	16.4	80.9	20.0	X	X	59.7	X	X
316	Leather and Allied Products	5.4	3.9	6.3	31.3	X	0.1	0.1	1.7	X	X
321	Wood Products	3.9	16.2	4.1	26.9	30.7	0.1	X	34.6	X	17.3
321113	Sawmills	3.0	5.4	2.7	17.1	7.6	0.1	X	9.0	X	0.1
3212	Veneer, Plywood, and Engineered Woods	4.1	25.2	3.9	4.0	0.1	X	X	45.6	X	2.2
321219	Reconstituted Wood Products	4.6	0.1	4.9	0.1	0.1	X	X	0.1	X	0.1
3219	Other Wood Products	11.5	28.1	13.4	55.9	60.5	X	X	41.5	X	30.5
322	Paper	1.1	1.5	1.3	0.1	2.7	0.1	0.1	26.4	0.1	0.1
322110	Pulp Mills	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
322121	Paper Mills, except Newsprint	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
322122	Newsprint Mills	0.0	0.0	0.0	X	X	0.0	X	X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0
323	Printing and Related Support	20.0	19.0	24.7	50.5	34.8	48.4	99.0	23.0	X	X
324	Petroleum and Coal Products	0.3	0.5	0.3	2.1	5.7	7.7	X	0.5	X	0.4
324110	Petroleum Refineries	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X	0.1
324121	Asphalt Paving Mixture and Block	5.6	6.3	8.4	11.4	9.5	11.6	X	21.2	X	9.0
324122	Asphalt Shingle and Coating Materials	1.3	3.8	1.5	0.1	0.1	X	X	7.9	X	7.1
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	X	0.0	0.0	X	X	X	0.0
325	Chemicals	1.0	6.2	1.0	13.8	11.1	12.4	2.8	10.3	X	5.9
325110	Petrochemicals	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X	0.1
325120	Industrial Gases	1.4	X	1.5	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	3.2	14.2	3.4	65.8	17.5	X	0.1	48.6	X	0.1
325193	Ethyl Alcohol	3.8	7.0	4.3	47.7	0.1	X	12.1	7.2	X	48.9
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	0.0	0.0	X	0.0	X	X
325199	Other Basic Organic Chemicals	1.4	4.2	1.5	X	6.4	0.1	0.1	2.9	X	2.4
325211	Plastics Materials and Resins	0.8	9.3	0.7	1.3	1.9	32.0	0.1	42.9	X	15.7
325212	Synthetic Rubber	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X
325311	Nitrogenous Fertilizers	3.3	94.8	0.1	X	X	X	X	95.3	X	0.1
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	2.5	2.6	3.2	14.9	2.1	9.0	0.1	10.6	X	2.7
325412	Pharmaceutical Preparation	1.5	1.1	1.9	0.7	2.0	0.1	0.1	10.0	X	4.9
325992	Photographic Film, Paper, Plate, and Chemicals	3.2	0.1	5.8	0.1	0.1	0.1	X	0.1	X	X
326	Plastics and Rubber Products	12.4	25.3	15.5	60.5	34.7	52.3	66.4	77.5	X	X
327	Nonmetallic Mineral Products	4.1	5.1	4.5	10.2	11.2	33.0	5.0	0.9	7.4	36.9
327120	Clay Building Material and Refractories	3.3	17.3	3.6	0.1	21.2	40.0	70.3	0.2	X	0.1
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	X
327212	Other Pressed and Blown Glass and Glassware	0.9	0.1	1.0	0.1	0.1	0.1	X	0.2	X	0.1
327213	Glass Containers	0.0	0.0	0.0	X	X	X	X	0.0	X	X
327215	Glass Products from Purchased Glass	13.7	6.6	15.0	36.2	24.5	65.9	95.7	8.2	95.7	95.7
327310	Cements	2.1	1.5	2.4	0.1	7.2	0.1	1.4	0.1	0.1	18.0
327410	Lime	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327420	Gypsum	0.1	0.1	0.1	X	0.1	X	X	0.1	X	X
327993	Mineral Wool	0.8	21.9	0.3	0.1	0.1	X	X	50.7	X	X
331	Primary Metals	0.6	0.6	0.6	11.2	1.4	5.0	0.1	0.8	0.1	0.4
331110	Iron and Steel Mills and Ferroalloys	0.3	0.4	0.3	11.8	0.1	X	0.1	0.1	0.1	0.1
3312	Steel Products from Purchased Steel	5.8	0.8	6.6	25.9	X	X	X	0.1	X	X
3313	Alumina and Aluminum	0.4	2.6	0.4	22.1	0.9	3.5	0.1	1.4	0.1	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	X
331315	Aluminum Sheet, Plate and Foils	1.0	0.1	1.0	X	0.1	0.1	X	0.1	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	1.2	5.0	1.0	56.9	8.7	46.0	X	11.1	X	0.1
3314	Nonferrous Metals, except Aluminum	3.8	1.9	4.1	24.8	5.3	X	X	0.1	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.9	0.0	0.9	0.0	0.0	X	X	X	X	X

3315	Foundries	4.4	2.2	4.8	33.4	0.9	83.4	16.7	3.0	0.1	1.7
331511	Iron Foundries	1.4	7.5	1.5	0.1	X	X	X	12.7	X	0.1
331523	Nonferrous Metal Die-Casting Foundries	1.4	2.9	1.3	44.8	0.0	X	X	19.2	X	19.0
331524	Aluminum Foundries, except Die-Casting	11.7	7.0	11.9	73.5	X	X	25.7	7.1	X	X
332	Fabricated Metal Products	12.0	48.8	13.1	73.7	92.1	92.1	92.1	59.3	92.1	99.5
333	Machinery	12.3	31.1	13.6	54.8	19.7	84.6	87.6	68.1	X	79.9
334	Computer and Electronic Products	12.5	14.2	14.6	45.6	15.8	12.2	X	86.6	X	2.0
334413	Semiconductors and Related Devices	1.5	0.1	1.8	0.1	0.1	0.1	X	0.1	X	0.1
335	Electrical Equip., Appliances, and Components	9.7	23.1	10.8	39.6	X	97.0	X	60.2	X	0.1
336	Transportation Equipment	5.5	17.5	5.8	46.1	13.9	98.2	91.5	30.6	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	0.0	0.0	X	0.0	X	X	X	X	X
3364	Aerospace Product and Parts	6.4	0.8	7.5	23.5	0.1	X	X	12.5	X	X
336411	Aircraft	14.0	0.1	19.2	0.1	0.1	X	X	0.1	X	X
337	Furniture and Related Products	13.2	29.9	15.2	74.0	X	68.5	X	36.5	X	97.2
339	Miscellaneous	27.2	65.7	18.0	88.9	67.4	X	X	56.9	X	X
	Total	0.8	2.2	0.8	5.0	5.3	4.2	4.7	3.1	1.0	2.3

**Northeast Census Region**

311	Food	13.0	28.8	15.3	25.4	21.5	19.5	X	68.9	X	6.7
3112	Grain and Oilseed Milling	3.4	0.1	3.5	X	0.1	X	X	X	X	X
311221	Wet Corn Milling	0.0	0.0	0.0	X	0.0	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	3.5	7.8	4.3	X	9.7	8.7	X	0.9	X	X
3115	Dairy Product	6.5	25.5	6.2	0.1	30.9	63.2	X	93.6	X	X
3116	Animal Slaughtering and Processing	3.2	3.5	4.4	87.9	1.9	X	X	X	X	6.7
312	Beverage and Tobacco Products	9.6	2.9	12.6	0.1	1.6	4.9	X	X	X	X
3121	Beverages	10.5	4.6	12.6	X	1.8	13.5	X	X	X	X
3122	Tobacco	0.0	0.0	0.0	0.0	0.0	0.0	X	X	X	X
313	Textile Mills	48.4	50.3	58.6	X	83.9	54.0	X	X	X	X
314	Textile Product Mills	23.4	0.1	57.3	X	0.1	X	0.1	X	X	X
315	Apparel	53.1	60.3	85.7	95.3	X	X	X	67.6	X	X
316	Leather and Allied Products	11.8	3.9	15.8	31.3	X	0.1	0.1	1.7	X	X
321	Wood Products	20.0	21.8	21.4	0.1	0.1	X	X	52.3	X	0.1
321113	Sawmills	2.9	X	2.9	X	X	X	X	X	X	X
3212	Veneer, Plywood, and Engineered Woods	0.8	0.1	0.8	X	X	X	X	0.1	X	0.1
321219	Reconstituted Wood Products	0.1	0.1	0.1	X	X	X	X	0.1	X	X
3219	Other Wood Products	30.8	99.0	31.8	X	X	X	X	99.0	X	X
322	Paper	3.7	3.2	4.3	0.0	11.9	0.1	X	0.1	X	0.1
322110	Pulp Mills	0.0	0.0	0.0	X	X	0.0	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	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	X	0.0	0.0	X	X	X	X
323	Printing and Related Support	19.5	40.7	21.2	60.3	70.6	48.4	X	99.0	X	X
324	Petroleum and Coal Products	1.0	2.6	1.0	9.9	10.7	11.8	X	0.1	X	32.2
324110	Petroleum Refineries	0.0	0.0	0.0	X	X	0.0	X	0.0	X	X
324121	Asphalt Paving Mixture and Block	5.9	11.9	7.1	10.1	17.0	33.6	X	0.1	X	32.2
324122	Asphalt Shingle and Coating Materials	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
325	Chemicals	6.1	8.6	7.2	0.3	13.3	3.3	X	73.9	X	11.4
325110	Petrochemicals	0.0	0.0	X	X	0.0	X	X	X	X	X
325120	Industrial Gases	8.3	X	4.1	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	4.7	0.1	5.9	X	0.1	X	X	X	X	0.1
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	0.0	0.0	X	0.0	0.0	X	X	X	X
325199	Other Basic Organic Chemicals	1.5	6.4	1.4	X	2.3	0.0	X	X	X	59.6
325211	Plastics Materials and Resins	25.5	47.5	17.2	75.4	12.3	0.1	X	74.0	X	0.0
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	X	0.0	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
325312	Phosphatic Fertilizers	X	X	X	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	5.4	3.7	7.4	0.1	4.1	10.3	X	X	X	X
325412	Pharmaceutical Preparation	2.6	3.2	3.2	0.1	11.6	0.1	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	X	X	0.0	X	0.0	X	X
326	Plastics and Rubber Products	34.5	47.7	50.9	98.8	86.1	X	66.4	99.0	X	X
327	Nonmetallic Mineral Products	5.9	17.2	5.4	33.1	56.0	64.9	5.6	4.2	95.7	4.0
327120	Clay Building Material and Refractories	2.1	0.6	2.3	X	X	X	X	0.6	X	0.1
327211	Flat Glass	0.0	X	0.0	X	X	X	X	X	X	X
327212	Other Pressed and Blown Glass and Glassware	3.3	0.1	4.1	0.0	X	0.1	X	0.1	X	0.1
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	1.9	24.3	0.5	62.4	31.6	95.7	95.7	58.9	95.7	95.7
327310	Cements	0.0	0.0	0.0	0.0	X	0.0	0.0	0.0	X	0.0
327410	Lime	0.0	0.0	0.0	X	0.0	X	X	X	X	X
327420	Gypsum	0.0	X	0.0	X	X	X	X	X	X	X
327993	Mineral Wool	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
331	Primary Metals	2.1	0.6	2.4	55.8	0.1	0.1	0.1	0.1	0.1	0.1



331110	Iron and Steel Mills and Ferroalloys	3.0	0.8	3.6	77.2	0.1	X	X	X	0.1	0.1
3312	Steel Products from Purchased Steel	10.2	0.1	10.6	X	X	X	X	0.1	X	X
3313	Alumina and Aluminum	0.0	0.0	0.0	X	0.0	0.0	X	X	X	0.0
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	0.0	0.0	X	X	0.0	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.0	0.0	0.0	X	0.0	X	X	X	X	0.0
3314	Nonferrous Metals, except Aluminum	2.9	0.1	3.4	0.1	0.1	X	X	X	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	0.0	0.0	0.0	0.0	X	X	X	X	X
3315	Foundries	1.6	0.1	1.8	0.1	X	X	0.1	0.1	0.1	X
331511	Iron Foundries	2.0	0.1	2.6	X	X	X	X	0.1	X	X
331523	Nonferrous Metal Die-Casting Foundries	3.6	X	0.6	X	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	2.3	X	2.3	X	X	X	X	X	X	X
332	Fabricated Metal Products	35.7	99.5	43.1	99.5	X	X	X	X	X	X
333	Machinery	24.0	89.4	24.9	X	99.0	X	X	99.0	X	99.0
334	Computer and Electronic Products	11.0	14.9	14.2	X	40.8	0.1	X	X	X	X
334413	Semiconductors and Related Devices	6.9	0.1	10.7	X	0.1	0.1	X	X	X	X
335	Electrical Equip., Appliances, and Components	19.9	12.9	21.1	X	X	97.0	X	0.1	X	X
336	Transportation Equipment	19.6	40.1	22.2	49.4	40.3	X	X	69.2	X	X
336111	Automobiles	X	X	X	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	2.9	0.6	3.6	49.4	0.1	X	X	77.9	X	X
336411	Aircraft	0.0	0.0	0.0	X	0.0	X	X	X	X	X
337	Furniture and Related Products	34.0	68.5	36.7	X	X	68.5	X	X	X	X
339	Miscellaneous	32.8	99.0	36.0	99.0	X	X	X	X	X	X
	Total	3.0	4.4	3.6	6.5	7.6	3.4	37.1	16.5	0.5	4.7

**Midwest Census Region**

311	Food	3.6	4.7	4.5	3.9	7.6	13.7	0.1	8.8	0.1	18.0
3112	Grain and Oilseed Milling	2.6	5.4	3.3	1.7	8.9	22.3	0.1	9.4	X	19.2
311221	Wet Corn Milling	0.0	0.0	0.0	0.0	X	X	0.0	0.0	X	X
31131	Sugar Manufacturing	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	3.8	13.1	4.5	51.7	8.9	0.1	0.1	72.4	0.1	11.5
3115	Dairy Product	4.1	7.8	5.5	12.3	9.8	3.3	X	17.6	X	45.0
3116	Animal Slaughtering and Processing	3.9	15.8	4.1	0.1	29.7	41.6	X	26.4	X	25.7
312	Beverage and Tobacco Products	3.1	22.4	3.6	X	43.4	0.1	X	32.6	X	57.1
3121	Beverages	3.1	22.4	3.6	X	43.4	0.1	X	32.6	X	57.1
3122	Tobacco	0.0	X	0.0	X	X	X	X	X	X	X
313	Textile Mills	10.1	0.0	10.5	X	0.0	X	X	X	X	X
314	Textile Product Mills	66.5	97.5	84.5	97.5	X	X	X	X	X	X
315	Apparel	66.5	X	66.5	X	X	X	X	X	X	X
316	Leather and Allied Products	6.9	X	7.9	X	X	X	X	X	X	X
321	Wood Products	8.1	25.8	8.7	49.7	72.9	0.1	X	38.8	X	16.6
321113	Sawmills	4.3	4.3	5.2	64.1	0.1	0.1	X	57.1	X	0.1
3212	Veneer, Plywood, and Engineered Woods	7.9	7.4	8.2	41.4	0.1	X	X	17.4	X	8.2
321219	Reconstituted Wood Products	0.7	0.0	0.7	X	0.1	X	X	0.1	X	0.1
3219	Other Wood Products	15.2	33.9	19.0	59.6	79.7	X	X	45.8	X	22.9
322	Paper	3.9	4.0	4.8	0.1	1.0	0.1	0.1	33.9	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	X	0.1	0.1	0.1	0.1	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	0.0	X	0.0
323	Printing and Related Support	17.4	30.1	21.1	85.4	60.7	X	99.0	34.9	X	X
324	Petroleum and Coal Products	0.5	0.5	0.6	18.9	4.9	2.7	X	0.1	X	3.8
324110	Petroleum Refineries	0.1	0.1	0.1	X	X	X	X	0.1	X	0.1
324121	Asphalt Paving Mixture and Block	3.8	4.2	5.9	18.9	5.4	2.7	X	0.1	X	8.0
324122	Asphalt Shingle and Coating Materials	3.3	0.0	3.5	0.0	0.1	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	3.3	6.4	3.7	27.2	1.4	86.0	7.8	7.4	X	33.8
325110	Petrochemicals	0.1	X	0.1	X	X	X	X	X	X	X
325120	Industrial Gases	2.8	X	2.9	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	14.0	17.5	14.3	65.8	4.0	X	X	55.6	X	X
325193	Ethyl Alcohol	4.1	7.4	4.6	47.7	0.1	X	12.1	7.7	X	48.9
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	0.0	X	X	0.0	X	X
325199	Other Basic Organic Chemicals	1.8	2.1	2.2	X	2.4	0.1	X	0.1	X	0.1
325211	Plastics Materials and Resins	6.2	14.1	6.6	55.1	8.6	0.1	0.1	84.4	X	42.6
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	0.0	0.0	0.0	X	X	X	X	X	X
325311	Nitrogenous Fertilizers	0.4	X	0.4	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	2.4	0.5	2.9	65.1	0.2	X	0.1	0.6	X	0.1
325412	Pharmaceutical Preparation	3.3	0.7	4.2	68.6	0.2	X	0.1	68.6	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
326	Plastics and Rubber Products	21.8	78.4	24.0	94.0	95.7	X	X	99.0	X	X
327	Nonmetallic Mineral Products	6.6	6.6	7.2	5.2	21.0	54.7	0.1	0.4	0.1	0.1
327120	Clay Building Material and Refractories	4.4	2.5	5.0	0.1	0.2	64.4	X	0.1	X	22.4
327211	Flat Glass	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X

327212	Other Pressed and Blown Glass and Glassware	0.3	0.4	0.3	X	0.0	X	X	96.1	X	0.1
327213	Glass Containers	0.0	X	0.0	X	X	X	X	X	X	X
327215	Glass Products from Purchased Glass	0.9	20.1	0.8	27.9	X	0.1	X	3.4	X	X
327310	Cements	0.2	0.0	0.3	X	X	X	0.0	X	0.0	0.0
327410	Lime	0.0	X	0.0	X	X	X	X	X	X	X
327420	Gypsum	0.0	0.0	0.0	X	0.0	X	X	0.0	X	X
327993	Mineral Wool	2.1	0.1	0.8	0.1	X	X	X	0.0	X	X
331	Primary Metals	0.7	1.1	0.7	5.9	36.8	83.4	0.1	2.9	X	1.7
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	X	0.0	0.0	X	X
3312	Steel Products from Purchased Steel	10.1	0.0	11.5	X	X	X	X	0.0	X	X
3313	Alumina and Aluminum	0.3	0.1	0.3	0.1	X	X	X	0.1	X	X
331314	Secondary Smelting and Alloying of Aluminum	0.1	0.1	0.1	X	X	X	X	0.1	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	0.0	2.7	0.0	X	X	X	0.1	X	X
3314	Nonferrous Metals, except Aluminum	13.0	30.4	13.4	36.4	38.3	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	3.0	4.5	3.2	66.7	66.1	83.4	25.7	6.4	X	1.7
331511	Iron Foundries	2.0	12.7	2.1	X	X	X	X	38.7	X	0.1
331523	Nonferrous Metal Die-Casting Foundries	2.0	13.8	1.9	X	X	X	X	19.2	X	19.0
331524	Aluminum Foundries, except Die-Casting	17.8	7.8	18.3	73.5	X	X	25.7	7.9	X	X
332	Fabricated Metal Products	16.4	51.5	17.6	99.5	92.1	92.1	92.1	59.3	92.1	99.5
333	Machinery	16.1	32.0	18.7	59.6	20.1	84.6	87.6	68.3	X	99.0
334	Computer and Electronic Products	50.9	79.1	58.0	59.5	X	X	X	87.0	X	X
334413	Semiconductors and Related Devices	0.1	0.1	0.1	0.1	X	X	X	0.1	X	X
335	Electrical Equip., Appliances, and Components	23.7	X	26.9	X	X	X	X	X	X	X
336	Transportation Equipment	8.4	39.7	8.7	87.3	53.5	X	91.5	58.2	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	0.0	0.0	X	0.0	X	X	X	X	X
3364	Aerospace Product and Parts	3.2	56.7	3.3	0.1	X	X	X	89.3	X	X
336411	Aircraft	2.2	X	2.2	X	X	X	X	X	X	X
337	Furniture and Related Products	21.8	84.8	23.4	X	X	X	X	84.8	X	X
339	Miscellaneous	29.0	83.2	33.1	X	X	X	X	83.2	X	X
	Total	1.8	3.1	2.0	8.4	4.9	9.8	7.5	5.3	18.4	10.9

#### South Census Region

311	Food	9.2	17.4	11.2	10.0	19.5	30.2	0.1	46.1	X	30.3
3112	Grain and Oilseed Milling	6.8	16.0	6.7	X	18.7	42.5	0.1	12.6	X	44.7
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	0.1	X	X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	4.4	19.6	4.8	X	20.1	69.1	X	77.1	X	X
3115	Dairy Product	4.4	11.3	5.2	X	11.9	X	X	43.2	X	X
3116	Animal Slaughtering and Processing	4.8	12.3	5.7	10.0	14.3	47.4	X	34.7	X	37.6
312	Beverage and Tobacco Products	8.3	14.9	9.4	0.1	0.4	0.1	X	61.3	X	X
3121	Beverages	10.4	68.6	10.8	X	3.8	X	X	94.1	X	X
3122	Tobacco	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1	X	X
313	Textile Mills	16.7	24.8	19.6	53.9	44.6	57.3	58.0	35.6	X	X
314	Textile Product Mills	14.9	14.4	24.7	X	22.1	0.1	36.1	19.5	X	2.0
315	Apparel	14.3	19.5	18.7	95.2	20.0	X	X	72.1	X	X
316	Leather and Allied Products	13.2	X	13.2	X	X	X	X	X	X	X
321	Wood Products	6.3	35.5	6.2	86.5	0.1	X	X	59.4	X	0.1
321113	Sawmills	11.0	0.1	10.2	0.1	0.1	X	X	0.1	X	X
3212	Veneer, Plywood, and Engineered Woods	6.5	39.1	6.1	96.9	0.1	X	X	61.4	X	0.1
321219	Reconstituted Wood Products	6.9	0.1	7.3	X	0.1	X	X	0.1	X	0.1
3219	Other Wood Products	30.1	93.4	32.3	93.9	X	X	X	0.1	X	35.5
322	Paper	1.4	1.9	1.6	0.1	2.9	0.1	0.1	48.9	0.1	0.1
322110	Pulp Mills	0.0	0.0	0.0	X	0.0	0.0	X	X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	X	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	X	X	0.0
323	Printing and Related Support	44.5	27.0	56.9	65.1	42.5	X	X	30.1	X	X
324	Petroleum and Coal Products	0.4	0.9	0.4	0.9	11.1	19.4	X	1.1	X	0.1
324110	Petroleum Refineries	0.0	0.0	0.0	0.0	0.0	X	X	0.0	X	0.0
324121	Asphalt Paving Mixture and Block	12.1	13.0	18.2	19.5	17.6	19.4	X	26.6	X	0.1
324122	Asphalt Shingle and Coating Materials	1.0	4.7	0.9	X	0.0	X	X	6.8	X	75.5
324199	Other Petroleum and Coal Products	0.0	0.0	0.0	X	X	X	X	X	X	0.0
325	Chemicals	0.8	10.7	0.6	19.7	16.6	13.8	0.1	19.7	X	1.7
325110	Petrochemicals	0.0	0.0	0.0	0.0	0.0	0.0	X	0.0	X	0.0
325120	Industrial Gases	1.4	X	1.6	X	X	X	X	X	X	X
325180	Other Basic Inorganic Chemicals	3.7	15.2	3.9	X	20.2	X	X	5.5	X	0.1
325193	Ethyl Alcohol	0.0	0.0	0.0	X	0.0	X	X	0.0	X	X
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals	0.0	0.0	0.0	X	0.0	X	X	X	X	X
325199	Other Basic Organic Chemicals	1.5	5.4	1.6	X	10.4	X	0.1	3.0	X	2.2
325211	Plastics Materials and Resins	0.5	6.3	0.5	0.8	0.1	36.8	X	2.4	X	0.1
325212	Synthetic Rubber	0.0	0.0	0.0	X	0.0	0.0	X	X	X	0.0
325220	Artificial and Synthetic Fibers and Filaments	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X	X
325311	Nitrogenous Fertilizers	4.4	95.4	0.1	X	X	X	X	95.4	X	X

325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	1.6	1.5	2.3	0.1	0.4	0.1	X		19.8	X	3.9
325412	Pharmaceutical Preparation	2.1	1.2	3.5	0.1	0.9	0.1	X		10.1	X	4.9
325992	Photographic Film, Paper, Plate, and Chemicals	10.2	0.1	25.5	X	0.0	X	X		0.1	X	X
326	Plastics and Rubber Products	19.7	31.0	25.4	59.5	39.1	52.3	X		97.5	X	X
327	Nonmetallic Mineral Products	7.7	10.1	8.2	5.2	6.0	40.0	16.2		1.3	0.1	79.9
327120	Clay Building Material and Refractories	5.3	27.2	5.6	X	32.4	41.0	70.3		0.1	X	X
327211	Flat Glass	0.0	0.0	0.0	0.0	0.0	X	X		0.0	X	X
327212	Other Pressed and Blown Glass and Glassware	1.3	0.1	1.7	X	X	X	X		0.1	X	X
327213	Glass Containers	0.0	0.0	0.0	X	X	X	X		0.0	X	X
327215	Glass Products from Purchased Glass	30.8	4.1	34.5	38.3	0.1	X	X		4.4	X	X
327310	Cements	5.1	5.6	5.4	X	9.9	0.1	5.6		X	0.1	37.7
327410	Lime	0.0	X	0.0	X	X	X	X		X	X	X
327420	Gypsum	0.1	0.1	0.1	X	0.1	X	X		X	X	X
327993	Mineral Wool	0.6	62.6	0.2	X	X	X	X		62.6	X	X
331	Primary Metals	1.3	1.4	1.4	20.1	0.5	6.0	0.1		0.3	0.1	0.1
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	0.0	X	X		0.0	X	X
3312	Steel Products from Purchased Steel	2.4	4.5	2.8	25.9	X	X	X		0.1	X	X
3313	Alumina and Aluminum	0.7	4.7	0.7	22.6	1.8	6.0	0.1		1.6	0.1	0.1
331314	Secondary Smelting and Alloying of Aluminum	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	X
331315	Aluminum Sheet, Plate and Foils	2.0	0.1	2.0	X	0.1	X	X		0.1	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	2.7	9.5	1.4	60.6	58.3	46.0	X		31.9	X	0.1
3314	Nonferrous Metals, except Aluminum	1.2	0.7	1.6	55.7	0.1	X	X		0.1	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	0.0	X	0.0	X	X	X	X		X	X	X
3315	Foundries	16.1	0.1	17.5	18.0	0.1	X	X		0.1	X	X
331511	Iron Foundries	1.5	0.0	1.5	0.0	X	X	X		0.0	X	X
331523	Nonferrous Metal Die-Casting Foundries	1.0	0.2	1.2	80.7	0.0	X	X		X	X	X
331524	Aluminum Foundries, except Die-Casting	2.4	X	2.4	X	X	X	X		X	X	X
332	Fabricated Metal Products	24.7	85.4	27.0	85.4	X	X	X		X	X	X
333	Machinery	31.7	0.1	32.2	X	0.1	X	X		X	X	X
334	Computer and Electronic Products	9.7	19.8	10.3	96.2	3.2	88.1	X		96.2	X	0.1
334413	Semiconductors and Related Devices	0.1	0.0	0.1	X	0.0	X	X		X	X	0.0
335	Electrical Equip., Appliances, and Components	15.8	26.1	17.8	39.6	X	X	X		82.2	X	0.1
336	Transportation Equipment	12.0	35.9	12.4	53.7	0.1	98.2	X		40.8	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	19.8	1.2	22.0	59.8	0.1	X	X		0.1	X	X
336411	Aircraft	29.2	0.1	33.5	0.1	0.1	X	X		0.1	X	X
337	Furniture and Related Products	20.0	33.1	24.0	74.0	X	X	X		36.0	X	97.2
339	Miscellaneous	56.1	66.8	29.5	85.3	67.4	X	X		78.2	X	X
	Total	0.9	4.2	0.9	8.6	9.5	7.6	5.6		5.0	0.1	2.5

**West Census Region**

311	Food	5.4	8.4	6.0	35.7	9.0	2.8	X		0.1	X	18.7
3112	Grain and Oilseed Milling	3.1	46.7	2.1	X	85.4	X	X		0.1	X	X
311221	Wet Corn Milling	0.0	0.0	0.0	X	X	X	X		0.0	X	X
31131	Sugar Manufacturing	0.1	0.1	0.1	X	X	0.1	X		X	X	X
3114	Fruit and Vegetable Preserving and Specialty Food	3.0	0.6	3.3	18.7	0.8	40.0	X		0.0	X	X
3115	Dairy Product	3.3	22.0	3.4	0.1	84.6	X	X		0.1	X	X
3116	Animal Slaughtering and Processing	4.2	12.4	4.9	X	21.0	X	X		X	X	18.7
312	Beverage and Tobacco Products	7.9	78.4	8.2	X	X	X	X		78.4	X	X
3121	Beverages	7.9	78.4	8.2	X	X	X	X		78.4	X	X
3122	Tobacco	X	X	X	X	X	X	X		X	X	X
313	Textile Mills	17.1	51.6	22.4	96.7	52.2	X	X		X	X	X
314	Textile Product Mills	71.8	68.2	89.4	X	68.2	X	X		68.2	X	X
315	Apparel	15.8	X	14.7	X	X	X	X		X	X	X
316	Leather and Allied Products	11.6	X	11.4	X	X	X	X		X	X	X
321	Wood Products	5.0	17.0	5.3	5.8	36.4	X	X		24.4	X	80.0
321113	Sawmills	1.5	10.1	1.3	X	10.1	X	X		X	X	X
3212	Veneer, Plywood, and Engineered Woods	2.5	10.8	2.1	3.6	X	X	X		24.4	X	X
321219	Reconstituted Wood Products	1.0	0.1	1.2	0.1	X	X	X		X	X	X
3219	Other Wood Products	25.9	68.1	28.0	44.8	80.0	X	X		X	X	80.0
322	Paper	4.6	0.1	4.8	X	0.1	0.1	X		X	X	X
322110	Pulp Mills	X	X	X	X	X	X	X		X	X	X
322121	Paper Mills, except Newsprint	0.0	0.0	0.0	X	X	0.0	X		X	X	X
322122	Newsprint Mills	0.0	0.0	0.0	X	X	0.0	X		X	X	X
322130	Paperboard Mills	0.0	0.0	0.0	X	0.0	0.0	X		X	X	X
323	Printing and Related Support	42.5	99.0	46.6	99.0	X	X	X		X	X	X
324	Petroleum and Coal Products	0.6	0.2	0.7	0.1	2.6	3.2	X		0.2	X	0.2
324110	Petroleum Refineries	0.5	0.1	0.6	0.1	0.1	0.1	X		0.1	X	0.1
324121	Asphalt Paving Mixture and Block	9.1	15.2	10.0	X	42.0	16.0	X		42.0	X	50.4
324122	Asphalt Shingle and Coating Materials	3.0	13.6	3.0	X	0.1	X	X		41.8	X	0.1
324199	Other Petroleum and Coal Products	0.0	X	0.0	X	X	X	X		X	X	X
325	Chemicals	6.1	32.4	6.5	73.2	0.1	X	0.1		78.5	X	0.1
325110	Petrochemicals	0.0	X	0.0	X	X	X	X		X	X	X
325120	Industrial Gases	0.2	X	0.2	X	X	X	X		X	X	X

325180	Other Basic Inorganic Chemicals	3.9	76.5	3.0	X	X	X	0.1	78.9	X	X
325193	Ethyl Alcohol	21.3	X	25.1	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	1.2	X	1.2	X	X	X	X	X	X	X
325211	Plastics Materials and Resins	39.8	46.2	39.9	46.2	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	0.0	0.0	X	X	X	X	0.0	X	0.0
325312	Phosphatic Fertilizers	0.0	X	0.0	X	X	X	X	X	X	X
3254	Pharmaceuticals and Medicines	4.5	74.7	2.2	74.7	X	X	X	X	X	X
325412	Pharmaceutical Preparation	3.5	X	3.2	X	X	X	X	X	X	X
325992	Photographic Film, Paper, Plate, and Chemicals	0.2	0.1	0.7	X	0.1	X	X	X	X	X
326	Plastics and Rubber Products	42.6	96.3	46.9	99.0	X	X	X	98.0	X	X
327	Nonmetallic Mineral Products	8.5	2.4	9.2	1.5	0.1	0.1	0.1	3.8	0.1	X
327120	Clay Building Material and Refractories	1.2	X	1.4	X	X	X	X	X	X	X
327211	Flat Glass	0.0	0.0	0.0	X	X	X	X	0.0	X	X
327212	Other Pressed and Blown Glass and Glassware	2.0	0.1	2.0	0.1	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	1.6	9.4	0.8	9.4	X	X	X	X	X	X
327310	Cements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	X
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	0.0	0.0	0.0	X	0.0	X	X	0.0	X	X
331	Primary Metals	0.5	0.1	0.5	3.9	0.1	X	X	0.1	X	X
331110	Iron and Steel Mills and Ferroalloys	0.0	0.0	0.0	0.0	X	X	X	X	X	X
3312	Steel Products from Purchased Steel	0.4	X	0.4	X	X	X	X	X	X	X
3313	Alumina and Aluminum	0.2	0.1	0.2	X	0.1	X	X	0.1	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	0.0	0.0	X	0.0	X	X	X	X	X
331318	Other Aluminum Rolling, Drawing and Extruding	0.8	0.0	0.8	X	X	X	X	0.0	X	X
3314	Nonferrous Metals, except Aluminum	1.1	0.1	1.1	X	X	X	X	0.1	X	X
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	1.3	X	1.3	X	X	X	X	X	X	X
3315	Foundries	2.1	0.2	2.4	3.9	X	X	X	0.1	X	X
331511	Iron Foundries	0.0	0.0	0.0	0.0	X	X	X	0.0	X	X
331523	Nonferrous Metal Die-Casting Foundries	3.7	51.5	3.7	51.5	X	X	X	X	X	X
331524	Aluminum Foundries, except Die-Casting	2.5	0.1	2.6	X	X	X	X	0.1	X	X
332	Fabricated Metal Products	43.5	X	44.7	X	X	X	X	X	X	X
333	Machinery	40.8	89.3	43.9	89.3	X	X	X	X	X	X
334	Computer and Electronic Products	5.6	17.6	4.4	62.7	18.2	X	X	X	X	72.3
334413	Semiconductors and Related Devices	1.4	0.1	1.5	X	0.1	X	X	X	X	X
335	Electrical Equip., Appliances, and Components	37.9	X	37.9	X	X	X	X	X	X	X
336	Transportation Equipment	12.2	3.7	14.7	99.0	0.1	X	X	49.9	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	10.4	0.1	13.9	X	0.1	X	X	0.1	X	X
336411	Aircraft	5.4	0.0	11.7	X	0.0	X	X	X	X	X
337	Furniture and Related Products	34.5	X	26.5	X	X	X	X	X	X	X
339	Miscellaneous	23.4	97.5	24.2	97.5	X	X	X	X	X	X
	<b>Total</b>	<b>1.9</b>	<b>2.3</b>	<b>2.2</b>	<b>22.6</b>	<b>4.3</b>	<b>1.6</b>	<b>0.1</b>	<b>4.0</b>	<b>0.1</b>	<b>1.4</b>

#### Economic Characteristic (f)

#### Value of Shipments and Receipts

##### (million dollars)

Under 20	6.5	20.8	7.4	22.2	27.7	15.9	56.7	46.7	95.7	14.5
20-49	6.9	8.7	7.8	17.8	15.7	15.6	11.8	14.1	0.1	25.0
50-99	3.6	6.7	4.0	33.7	9.1	12.7	7.2	12.6	0.1	21.5
100-249	2.5	7.3	2.7	17.6	14.1	6.5	25.3	10.8	45.1	10.3
250-499	1.3	4.8	1.3	14.4	4.5	5.4	7.0	17.6	X	8.4
500 and Over	0.3	1.5	0.3	0.3	5.9	9.0	4.9	1.3	0.1	0.2
Total	0.8	2.2	0.8	5.0	5.3	4.2	4.7	3.1	1.0	2.3

#### Employment Size

Under 50	4.7	14.4	5.3	20.1	23.6	15.5	38.3	28.1	95.7	20.2
50-99	3.7	4.8	4.3	23.1	7.6	18.7	8.4	5.0	X	20.5
100-249	1.9	6.1	2.0	16.8	13.5	4.3	5.9	7.8	10.7	8.4
250-499	1.4	3.7	1.4	4.7	4.4	6.2	20.3	8.8	0.1	0.9
500-999	1.0	3.1	1.0	9.9	14.6	1.3	8.7	2.5	0.1	0.6
1000 and Over	0.6	3.9	0.5	9.2	11.1	29.5	8.6	2.4	0.1	0.8
Total	0.8	2.2	0.8	5.0	5.3	4.2	4.7	3.1	1.0	2.3

(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 natural gas during 2014. The quantities are expressed in billions of cubic feet, and therefore represent the quantity of natural gas that could have been displaced by the given alternative type of energy.

(c) 'Total Consumed' represents those quantities (Total Inputs) of natural gas 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 natural gas.

(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.'