

**Table 7.9 Expenditures for Purchased Energy Sources, 2010;****Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Million U.S. Dollars.**

NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	LPG and NGL(d)	Coal	Coke and Breeze	Other(e)
<b>Total United States</b>										
311	Food	10,111	5,328	130	431	3,391	150	442	29	210
3112	Grain and Oilseed Milling	2,130	932	2	12	673	Q	294	0	158
311221	Wet Corn Milling	1,002	352	1	5	296	1	239	0	107
31131	Sugar Manufacturing	367	105	7	18	87	1	118	29	2
3114	Fruit and Vegetable Preserving and Specialty Foods	1,408	698	17	Q	579	18	7	0	18
3115	Dairy Products	1,186	695	20	40	412	8	1	0	10
3116	Animal Slaughtering and Processing	2,206	1,319	50	69	714	32	Q	0	15
312	Beverage and Tobacco Products	1,106	728	7	14	249	31	42	0	35
3121	Beverages	1,001	664	4	12	223	30	33	0	35
3122	Tobacco	105	64	4	2	25	1	9	0	*
313	Textile Mills	1,212	861	23	Q	218	14	38	0	38
314	Textile Product Mills	266	185	*	Q	63	Q	Q	0	1
315	Apparel	120	95	0	Q	17	Q	0	0	*
316	Leather and Allied Products	34	25	1	*	6	1	0	0	1
321	Wood Products	1,990	1,229	Q	223	229	53	7	0	238
321113	Sawmills	629	394	Q	83	35	6	0	0	111
3212	Veneer, Plywood, and Engineered Woods	667	415	1	31	114	13	7	0	86
321219	Reconstituted Wood Products	432	255	1	Q	83	5	7	0	64
3219	Other Wood Products	605	387	Q	81	65	32	0	0	40
322	Paper	8,275	3,752	398	100	2,216	76	749	1	982
322110	Pulp Mills	390	113	86	14	103	3	0	0	70
322121	Paper Mills, except Newsprint	3,028	1,151	156	34	923	17	395	0	351
322122	Newsprint Mills	665	480	17	8	18	2	62	0	77
322130	Paperboard Mills	2,767	1,088	128	33	762	8	270	1	476
323	Printing and Related Support	1,517	1,241	Q	Q	242	13	0	0	1
324	Petroleum and Coal Products	10,463	2,769	27	158	4,793	22	698	223	1,774
324110	Petroleum Refineries	8,179	2,525	0	0	4,450	0	2	0	1,202
324121	Asphalt Paving Mixture and Block	601	122	26	145	236	12	Q	0	57
324199	Other Petroleum and Coal Products	1,467	29	*	8	18	*	690	223	500
325	Chemicals	48,096	7,849	780	133	10,311	25,652	667	72	2,631
325110	Petrochemicals	W	304	W	7	W	7,529	0	0	W
325120	Industrial Gases	1,605	995	0	1	574	Q	0	0	34
325181	Alkalies and Chlorine	1,507	W	0	7	630	W	99	0	W
325182	Carbon Black	W	28	W	*	86	*	0	0	W
325188	Other Basic Inorganic Chemicals	1,724	1,160	9	10	310	2	50	51	132
325192	Cyclic Crudes and Intermediates	655	155	2	2	116	W	0	0	W
325193	Ethyl Alcohol	1,799	419	0	3	1,276	6	63	0	32
325199	Other Basic Organic Chemicals	11,744	817	3	18	2,027	7,559	219	0	1,101
325211	Plastics Materials and Resins	12,696	1,144	Q	17	1,395	9,855	47	4	226
325212	Synthetic Rubber	320	118	0	3	113	1	W	0	W
325222	Noncellulosic Organic Fibers	292	159	1	6	76	*	18	0	32
325311	Nitrogenous Fertilizers	1,813	170	1	3	1,589	4	0	0	45
325312	Phosphatic Fertilizers	263	110	5	24	111	*	11	0	2
3254	Pharmaceuticals and Medicines	1,163	741	*	10	362	3	13	0	34
325412	Pharmaceutical Preparation	661	436	*	7	180	1	13	0	24
325992	Photographic Film, Paper, Plate, and Chemicals	W	96	2	1	44	*	W	0	3
326	Plastics and Rubber Products	4,371	3,541	Q	36	659	92	Q	0	Q
327	Nonmetallic Mineral Products	5,291	2,292	9	433	1,608	49	659	65	176
327121	Brick and Structural Clay Tile	156	48	*	4	93	1	5	0	5
327211	Flat Glass	339	101	0	1	229	1	*	0	8
327212	Other Pressed and Blown Glass and Glassware	334	147	0	*	179	4	0	0	3
327213	Glass Containers	493	240	0	2	247	4	0	0	*
327215	Glass Products from Purchased Glass	239	201	0	1	33	2	0	0	2
327310	Cements	1,209	564	3	45	62	2	430	11	93
327410	Lime	362	92	*	S	16	1	211	2	21

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NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	LPG and NGL(d)	Coal	Coke and Breeze	Other(e)
327420	Gypsum	374	105	*	8	257	4	0	0	*
327993	Mineral Wool	414	215	0	1	144	3	0	51	1
331	Primary Metals	14,498	5,878	6	130	3,028	52	2,194	2,830	380
331111	Iron and Steel Mills	9,176	2,513	5	71	1,820	3	2,120	2,521	124
331112	Electrometallurgical Ferroalloy Products	207	137	0	2	5	4	46	8	6
3312	Steel Products from Purchased Steel	417	282	*	6	111	5	*	2	12
3313	Alumina and Aluminum	2,161	1,425	1	31	510	7	0	0	187
331314	Secondary Smelting and Alloying of Aluminum	W	119	1	6	79	3	0	0	W
331315	Aluminum Sheet, Plate and Foils	434	212	0	4	203	2	0	0	13
331316	Aluminum Extruded Products	169	91	0	1	74	2	0	0	*
3314	Nonferrous Metals, except Aluminum	1,180	734	*	10	286	20	19	61	49
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	469	332	0	3	70	1	19	19	25
3315	Foundries	1,356	788	*	10	296	13	9	237	3
331511	Iron Foundries	717	370	0	7	87	4	9	237	2
331521	Aluminum Die-Casting Foundries	165	95	0	*	68	2	0	0	*
331524	Aluminum Foundries, except Die-Casting	124	70	*	1	50	2	0	0	1
332	Fabricated Metal Products	4,457	3,139	Q	76	1,078	122	Q	Q	32
333	Machinery	2,379	1,735	Q	71	499	45	0	0	27
334	Computer and Electronic Products	2,655	2,343	2	9	281	5	0	0	14
334413	Semiconductors and Related Devices	811	683	1	1	114	*	0	0	13
335	Electrical Equip., Appliances, and Components	1,291	830	*	11	244	14	0	2	189
336	Transportation Equipment	3,981	2,884	22	72	846	69	18	0	70
336111	Automobiles	314	186	0	1	103	1	6	0	17
336112	Light Trucks and Utility Vehicles	376	212	0	8	129	1	7	0	20
3364	Aerospace Product and Parts	1,013	746	11	11	211	10	1	0	23
336411	Aircraft	291	208	2	3	70	2	0	0	7
337	Furniture and Related Products	607	465	0	8	112	16	Q	0	4
339	Miscellaneous	892	730	*	13	133	13	Q	0	Q
	Total	123,610	47,900	1,439	1,943	30,224	26,506	5,543	3,222	6,833

**Northeast Census Region**

311	Food	1,242	732	W	58	392	12	W	0	W
3112	Grain and Oilseed Milling	51	36	1	1	12	1	0	0	*
311221	Wet Corn Milling	2	1	1	0	0	*	0	0	0
31131	Sugar Manufacturing	36	34	0	1	1	0	0	0	0
3114	Fruit and Vegetable Preserving and Specialty Foods	169	96	W	2	51	3	W	0	W
3115	Dairy Products	195	115	9	14	55	2	0	0	1
3116	Animal Slaughtering and Processing	127	77	1	9	31	6	0	0	2
312	Beverage and Tobacco Products	184	122	7	2	46	4	0	0	Q
3121	Beverages	174	119	3	2	43	4	0	0	Q
3122	Tobacco	10	3	4	*	3	*	0	0	*
313	Textile Mills	127	65	Q	2	45	4	0	0	*
314	Textile Product Mills	Q	Q	0	*	Q	Q	Q	0	*
315	Apparel	Q	Q	0	0	Q	0	0	0	0
316	Leather and Allied Products	10	7	1	*	2	*	0	0	*
321	Wood Products	171	104	Q	31	15	6	*	0	13
321113	Sawmills	51	35	*	13	*	1	0	0	1
3212	Veneer, Plywood, and Engineered Woods	26	18	0	1	4	1	*	0	4
321219	Reconstituted Wood Products	19	12	0	*	3	*	0	0	3
3219	Other Wood Products	89	49	Q	16	11	3	0	0	Q
322	Paper	1,320	481	144	16	422	12	73	0	172
322110	Pulp Mills	W	W	W	*	3	1	0	0	W
322121	Paper Mills, except Newsprint	751	187	82	10	288	6	70	0	108
322122	Newsprint Mills	W	W	W	1	0	*	0	0	W
322130	Paperboard Mills	226	98	14	1	74	1	0	0	39
323	Printing and Related Support	241	173	Q	Q	45	Q	0	0	*

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324	Petroleum and Coal Products	664	276	8	55	240	2	29	2	51
324110	Petroleum Refineries	W	227	0	0	166	0	2	0	W
324121	Asphalt Paving Mixture and Block	W	36	8	54	61	2	0	0	W
324199	Other Petroleum and Coal Products	36	2	0	*	5	*	26	2	*
325	Chemicals	1,750	898	W	17	504	152	W	15	W
325110	Petrochemicals	W	2	0	*	W	0	0	0	0
325120	Industrial Gases	193	156	0	*	8	*	0	0	28
325181	Alkalies and Chlorine	W	W	0	*	3	*	0	0	W
325182	Carbon Black	1	1	0	0	*	0	0	0	0
325188	Other Basic Inorganic Chemicals	83	42	9	2	29	*	0	0	1
325192	Cyclic Crudes and Intermediates	W	W	2	1	W	*	0	0	*
325193	Ethyl Alcohol	W	4	0	*	W	*	0	0	0
325199	Other Basic Organic Chemicals	218	58	0	4	80	W	0	0	W
325211	Plastics Materials and Resins	222	89	0	Q	35	W	0	0	W
325212	Synthetic Rubber	5	4	0	0	*	*	0	0	0
325222	Noncellulosic Organic Fibers	3	3	0	*	0	*	0	0	*
325311	Nitrogenous Fertilizers	9	3	1	1	4	*	0	0	*
325312	Phosphatic Fertilizers	*	*	0	*	*	*	0	0	*
3254	Pharmaceuticals and Medicines	434	251	*	5	171	*	0	0	6
325412	Pharmaceutical Preparation	208	129	*	4	74	*	0	0	2
325992	Photographic Film, Paper, Plate, and Chemicals	W	55	2	1	30	*	W	0	2
326	Plastics and Rubber Products	420	317	0	Q	70	3	Q	0	*
327	Nonmetallic Mineral Products	816	354	Q	75	265	6	87	3	22
327121	Brick and Structural Clay Tile	16	5	0	*	9	*	1	0	*
327211	Flat Glass	66	21	0	*	44	*	*	0	1
327212	Other Pressed and Blown Glass and Glassware	89	41	0	*	45	2	0	0	1
327213	Glass Containers	97	47	0	*	50	*	0	0	*
327215	Glass Products from Purchased Glass	48	35	0	*	11	*	0	0	1
327310	Cements	156	74	1	10	1	*	54	2	15
327410	Lime	29	5	0	3	0	*	18	0	2
327420	Gypsum	77	32	*	*	44	*	0	0	*
327993	Mineral Wool	45	21	0	*	23	*	0	0	*
331	Primary Metals	2,076	733	1	12	414	12	W	20	W
331111	Iron and Steel Mills	1,369	311	0	6	211	*	W	2	W
331112	Electrometallurgical Ferroalloy Products	39	23	0	1	2	4	W	1	W
3312	Steel Products from Purchased Steel	W	63	*	1	29	1	0	1	W
3313	Alumina and Aluminum	W	85	1	1	64	1	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	W	38	1	*	14	*	0	0	W
331315	Aluminum Sheet, Plate and Foils	64	34	0	1	29	1	0	0	*
331316	Aluminum Extruded Products	31	11	0	*	20	*	0	0	*
3314	Nonferrous Metals, except Aluminum	W	162	*	2	78	3	*	10	W
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	15	10	0	*	4	*	*	0	*
3315	Foundries	131	89	*	1	30	3	*	7	*
331511	Iron Foundries	47	32	0	*	7	1	*	7	*
331521	Aluminum Die-Casting Foundries	12	8	0	0	5	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	13	8	*	*	3	1	0	0	*
332	Fabricated Metal Products	757	516	Q	32	191	16	0	0	1
333	Machinery	405	308	0	Q	80	6	0	0	7
334	Computer and Electronic Products	625	542	2	Q	70	Q	0	0	4
334413	Semiconductors and Related Devices	210	174	1	1	31	*	0	0	4
335	Electrical Equip., Appliances, and Components	306	173	*	10	53	2	0	2	65
336	Transportation Equipment	395	263	6	14	98	3	*	0	10
336111	Automobiles	*	*	0	0	*	*	0	0	*
336112	Light Trucks and Utility Vehicles	0	0	0	0	0	0	0	0	0
3364	Aerospace Product and Parts	171	103	6	1	50	2	0	0	9
336411	Aircraft	59	35	2	*	21	*	0	0	1
337	Furniture and Related Products	114	89	0	Q	21	3	0	0	*
339	Miscellaneous	292	222	0	6	55	Q	0	0	*

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NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	LPG and NGL(d)	Coal	Coke and Breeze	Other(e)
	Total	11,955	6,402	269	360	3,036	258	1,107	42	482
<b>Midwest Census Region</b>										
311	Food	4,037	2,011	W	39	1,377	Q	W	23	W
3112	Grain and Oilseed Milling	1,524	595	*	9	469	Q	253	0	143
311221	Wet Corn Milling	896	306	0	5	263	1	219	0	103
31131	Sugar Manufacturing	151	32	5	2	31	1	56	23	*
3114	Fruit and Vegetable Preserving and Specialty Foods	287	170	W	3	104	3	W	0	W
3115	Dairy Products	426	226	11	12	165	3	1	0	8
3116	Animal Slaughtering and Processing	838	484	4	9	328	6	0	0	7
312	Beverage and Tobacco Products	178	101	*	1	52	3	22	0	*
3121	Beverages	176	100	*	1	52	3	22	0	*
3122	Tobacco	2	1	0	*	*	*	0	0	0
313	Textile Mills	43	30	0	*	13	*	0	0	*
314	Textile Product Mills	Q	Q	0	0	Q	Q	0	0	0
315	Apparel	Q	Q	0	0	Q	0	0	0	0
316	Leather and Allied Products	12	8	0	*	4	*	0	0	*
321	Wood Products	308	198	Q	32	44	11	5	0	16
321113	Sawmills	60	38	Q	S	4	1	0	0	9
3212	Veneer, Plywood, and Engineered Woods	63	39	*	3	14	2	5	0	*
321219	Reconstituted Wood Products	39	22	*	1	10	1	5	0	*
3219	Other Wood Products	177	118	0	20	24	8	0	0	7
322	Paper	1,760	914	7	11	510	19	211	0	88
322110	Pulp Mills	23	15	0	*	5	*	0	0	2
322121	Paper Mills, except Newsprint	814	385	6	7	214	3	154	0	46
322122	Newsprint Mills	111	75	0	1	*	*	11	0	23
322130	Paperboard Mills	309	147	1	2	113	2	27	0	17
323	Printing and Related Support	489	388	0	*	97	3	0	0	Q
324	Petroleum and Coal Products	2,185	453	3	24	745	7	445	216	291
324110	Petroleum Refineries	W	393	0	0	649	0	0	0	W
324121	Asphalt Paving Mixture and Block	W	17	3	17	58	Q	Q	0	W
324199	Other Petroleum and Coal Products	754	12	0	5	4	*	441	216	75
325	Chemicals	5,501	1,913	W	12	2,012	996	W	6	W
325110	Petrochemicals	W	4	*	*	W	3	0	0	*
325120	Industrial Gases	399	371	0	*	27	0	0	0	0
325181	Alkalies and Chlorine	W	53	0	*	W	*	0	0	*
325182	Carbon Black	W	4	W	*	8	*	0	0	W
325188	Other Basic Inorganic Chemicals	185	92	0	1	76	*	0	0	15
325192	Cyclic Crudes and Intermediates	W	W	0	*	W	W	0	0	W
325193	Ethyl Alcohol	1,445	329	0	2	1,030	5	63	0	14
325199	Other Basic Organic Chemicals	625	184	0	2	94	243	32	0	70
325211	Plastics Materials and Resins	670	202	*	1	82	W	21	4	W
325212	Synthetic Rubber	65	26	0	2	24	*	5	0	8
325222	Noncellulosic Organic Fibers	3	2	0	0	1	*	0	0	*
325311	Nitrogenous Fertilizers	455	63	0	*	347	*	0	0	44
325312	Phosphatic Fertilizers	1	1	0	*	*	*	0	0	*
3254	Pharmaceuticals and Medicines	286	177	*	*	79	*	13	0	16
325412	Pharmaceutical Preparation	208	134	0	*	45	*	13	0	15
325992	Photographic Film, Paper, Plate, and Chemicals	9	7	0	*	2	*	0	0	*
326	Plastics and Rubber Products	1,313	1,071	0	Q	223	16	0	0	Q
327	Nonmetallic Mineral Products	1,356	568	*	74	424	10	179	49	53
327121	Brick and Structural Clay Tile	29	9	0	1	18	*	*	0	Q
327211	Flat Glass	106	26	0	*	77	*	0	0	3
327212	Other Pressed and Blown Glass and Glassware	73	26	0	*	47	1	0	0	*
327213	Glass Containers	118	57	0	*	60	1	0	0	*
327215	Glass Products from Purchased Glass	80	69	0	1	9	*	0	0	*

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327310	Cements	270	142	0	11	13	1	73	0	30
327410	Lime	170	32	*	5	12	*	106	1	14
327420	Gypsum	73	16	0	1	54	1	0	0	*
327993	Mineral Wool	187	81	0	*	56	1	0	48	1
331	Primary Metals	6,928	2,358	4	54	1,472	23	W	1,877	W
331111	Iron and Steel Mills	4,854	1,012	4	41	1,075	2	W	1,678	W
331112	Electrometallurgical Ferroalloy Products	80	53	0	1	2	*	W	7	W
3312	Steel Products from Purchased Steel	W	105	0	1	51	2	0	1	W
3313	Alumina and Aluminum	W	475	0	6	115	1	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	50	13	0	3	33	*	0	0	*
331315	Aluminum Sheet, Plate and Foils	125	60	0	2	51	*	0	0	12
331316	Aluminum Extruded Products	W	W	0	*	16	1	0	0	*
3314	Nonferrous Metals, except Aluminum	365	240	0	2	59	12	0	39	13
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	188	149	0	1	13	*	0	19	6
3315	Foundries	814	474	0	4	169	6	8	152	1
331511	Iron Foundries	468	252	0	3	50	2	8	152	1
331521	Aluminum Die-Casting Foundries	109	64	0	*	43	1	0	0	*
331524	Aluminum Foundries, except Die-Casting	67	37	0	*	30	1	0	0	*
332	Fabricated Metal Products	1,770	1,193	0	Q	518	42	Q	Q	Q
333	Machinery	1,133	773	Q	51	279	21	0	0	9
334	Computer and Electronic Products	367	312	0	Q	50	Q	0	0	2
334413	Semiconductors and Related Devices	40	33	0	*	5	*	0	0	2
335	Electrical Equip., Appliances, and Components	285	208	0	*	71	6	0	0	*
336	Transportation Equipment	1,917	1,336	1	20	463	43	16	0	39
336111	Automobiles	203	111	0	1	74	*	4	0	12
336112	Light Trucks and Utility Vehicles	230	123	0	2	84	*	7	0	14
3364	Aerospace Product and Parts	182	132	1	1	38	1	0	0	8
336411	Aircraft	45	30	0	*	11	*	0	0	4
337	Furniture and Related Products	181	128	0	5	43	3	Q	0	1
339	Miscellaneous	131	105	0	*	23	1	Q	0	*
	Total	29,924	14,092	117	332	8,426	1,285	2,349	2,172	1,151

**South Census Region**

311	Food	2,802	1,616	70	126	876	34	62	0	18
3112	Grain and Oilseed Milling	447	235	Q	2	155	Q	41	0	10
311221	Wet Corn Milling	92	41	0	*	29	*	21	0	*
31131	Sugar Manufacturing	74	22	2	10	35	*	5	0	1
3114	Fruit and Vegetable Preserving and Specialty Foods	288	169	6	5	105	2	0	0	1
3115	Dairy Products	171	119	0	9	42	*	0	0	*
3116	Animal Slaughtering and Processing	1,010	608	44	44	283	19	Q	0	6
312	Beverage and Tobacco Products	407	261	*	8	93	Q	21	0	11
3121	Beverages	314	201	*	7	71	Q	11	0	11
3122	Tobacco	94	60	0	2	22	1	9	0	*
313	Textile Mills	1,005	742	13	Q	148	10	38	0	38
314	Textile Product Mills	185	127	*	*	55	2	*	0	*
315	Apparel	96	75	0	Q	13	Q	0	0	*
316	Leather and Allied Products	8	7	0	*	1	*	0	0	*
321	Wood Products	1,075	666	Q	113	116	21	2	0	148
321113	Sawmills	347	219	0	34	14	2	0	0	78
3212	Veneer, Plywood, and Engineered Woods	429	273	1	26	68	7	2	0	52
321219	Reconstituted Wood Products	300	181	1	Q	57	3	2	0	40
3219	Other Wood Products	236	155	0	Q	24	11	0	0	Q
322	Paper	4,038	1,699	231	59	982	30	430	1	605
322110	Pulp Mills	302	86	51	13	95	2	0	0	56
322121	Paper Mills, except Newsprint	1,140	429	69	16	293	6	171	0	156
322122	Newsprint Mills	200	158	0	4	8	*	24	0	6

**Table 7.9 Expenditures for Purchased Energy Sources, 2010;****Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Million U.S. Dollars.**

NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	LPG and NGL(d)	Coal	Coke and Breeze	Other(e)
322130	Paperboard Mills	1,858	648	112	25	449	4	235	1	384
323	Printing and Related Support	462	374	0	*	82	5	0	0	*
324	Petroleum and Coal Products	5,449	1,456	14	60	2,516	3	208	5	1,186
324110	Petroleum Refineries	4,527	1,368	0	0	2,412	0	0	0	747
324121	Asphalt Paving Mixture and Block	184	37	14	56	62	2	0	0	14
324199	Other Petroleum and Coal Products	658	14	*	3	7	*	206	5	424
325	Chemicals	39,775	4,433	673	84	7,537	24,498	348	Q	2,179
325110	Petrochemicals	9,355	298	W	7	984	7,526	0	0	W
325120	Industrial Gases	892	354	0	1	531	Q	0	0	6
325181	Alkalies and Chlorine	1,136	W	0	2	W	W	W	0	W
325182	Carbon Black	736	23	635	*	78	*	0	0	*
325188	Other Basic Inorganic Chemicals	1,233	931	*	3	162	1	5	Q	107
325192	Cyclic Crudes and Intermediates	249	113	1	*	59	*	0	0	76
325193	Ethyl Alcohol	251	54	0	*	197	*	0	0	*
325199	Other Basic Organic Chemicals	10,869	562	3	13	1,839	W	186	0	W
325211	Plastics Materials and Resins	11,779	834	Q	14	1,272	9,438	25	0	187
325212	Synthetic Rubber	242	81	0	1	88	*	W	0	W
325222	Noncellulosic Organic Fibers	286	155	1	5	75	*	18	0	32
325311	Nitrogenous Fertilizers	1,329	94	0	2	1,233	*	0	0	*
325312	Phosphatic Fertilizers	219	89	5	16	96	*	11	0	2
3254	Pharmaceuticals and Medicines	300	204	*	4	79	2	0	0	11
325412	Pharmaceutical Preparation	176	123	*	2	42	Q	0	0	7
325992	Photographic Film, Paper, Plate, and Chemicals	17	12	0	*	4	*	0	0	*
326	Plastics and Rubber Products	1,687	1,286	Q	18	295	Q	0	0	Q
327	Nonmetallic Mineral Products	2,112	924	2	145	681	14	256	12	77
327121	Brick and Structural Clay Tile	97	30	*	3	57	*	3	0	4
327211	Flat Glass	122	39	0	1	79	1	0	0	3
327212	Other Pressed and Blown Glass and Glassware	157	75	0	*	79	*	0	0	Q
327213	Glass Containers	156	71	0	1	81	2	0	0	*
327215	Glass Products from Purchased Glass	81	69	0	*	11	1	0	0	*
327310	Cements	539	234	2	17	39	*	202	7	37
327410	Lime	109	43	0	S	4	*	51	1	4
327420	Gypsum	153	36	0	4	112	2	0	0	*
327993	Mineral Wool	128	75	0	*	49	1	0	3	*
331	Primary Metals	4,585	2,185	1	55	913	12	358	915	145
331111	Iron and Steel Mills	2,719	1,051	1	21	461	1	313	840	32
331112	Electrometallurgical Ferroalloy Products	88	60	0	1	1	0	26	*	*
3312	Steel Products from Purchased Steel	137	99	0	3	29	2	*	0	3
3313	Alumina and Aluminum	1,046	636	0	22	292	4	0	0	92
331314	Secondary Smelting and Alloying of Aluminum	97	65	0	3	27	2	0	0	*
331315	Aluminum Sheet, Plate and Foils	215	103	0	1	109	1	0	0	*
331316	Aluminum Extruded Products	57	29	0	*	27	1	0	0	*
3314	Nonferrous Metals, except Aluminum	295	179	0	4	65	4	19	10	16
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	112	78	0	1	2	*	19	0	12
3315	Foundries	299	160	0	4	65	3	*	65	2
331511	Iron Foundries	174	78	0	3	25	1	*	65	1
331521	Aluminum Die-Casting Foundries	37	19	0	*	17	1	0	0	*
331524	Aluminum Foundries, except Die-Casting	20	9	0	S	9	*	0	0	1
332	Fabricated Metal Products	1,420	1,051	0	25	268	51	0	0	Q
333	Machinery	643	476	0	18	129	16	0	0	5
334	Computer and Electronic Products	820	768	0	1	49	*	0	0	3
334413	Semiconductors and Related Devices	205	180	0	*	22	*	0	0	2
335	Electrical Equip., Appliances, and Components	631	392	0	1	110	5	0	0	Q
336	Transportation Equipment	1,068	784	16	32	196	19	3	0	18
336111	Automobiles	106	71	0	*	28	*	1	0	5
336112	Light Trucks and Utility Vehicles	143	86	0	6	44	*	0	0	6
3364	Aerospace Product and Parts	286	219	4	7	47	4	1	0	3
336411	Aircraft	116	93	*	2	18	1	0	0	1

**Table 7.9 Expenditures for Purchased Energy Sources, 2010;****Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Million U.S. Dollars.**

NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	LPG and NGL(d)	Coal	Coke and Breeze	Other(e)
337	Furniture and Related Products	252	196	0	2	41	9	Q	0	Q
339	Miscellaneous	226	189	*	Q	27	2	0	0	Q
	Total	68,746	19,707	1,032	774	15,130	24,810	1,726	955	4,611
<b>West Census Region</b>										
311	Food	2,030	969	*	209	746	24	57	6	19
3112	Grain and Oilseed Milling	109	66	0	*	38	1	0	0	5
311221	Wet Corn Milling	12	4	0	*	4	*	0	0	4
31131	Sugar Manufacturing	106	17	0	5	20	*	57	6	1
3114	Fruit and Vegetable Preserving and Specialty Foods	665	264	*	Q	319	10	0	0	12
3115	Dairy Products	394	235	0	6	149	4	0	0	*
3116	Animal Slaughtering and Processing	230	150	0	8	72	1	0	0	*
312	Beverage and Tobacco Products	337	245	0	3	58	12	0	0	19
3121	Beverages	337	245	0	3	58	12	0	0	19
3122	Tobacco	*	*	0	0	*	*	0	0	0
313	Textile Mills	37	24	0	*	12	*	0	0	*
314	Textile Product Mills	Q	Q	0	*	*	Q	0	0	*
315	Apparel	12	11	0	*	*	0	0	0	0
316	Leather and Allied Products	3	3	0	0	*	*	0	0	0
321	Wood Products	437	262	1	46	53	15	0	0	60
321113	Sawmills	172	103	0	28	16	2	0	0	23
3212	Veneer, Plywood, and Engineered Woods	149	86	*	2	28	4	0	0	30
321219	Reconstituted Wood Products	75	40	0	1	13	1	0	0	20
3219	Other Wood Products	102	66	0	Q	6	9	0	0	7
322	Paper	1,156	657	16	15	302	15	34	0	118
322110	Pulp Mills	W	W	W	*	*	*	0	0	W
322121	Paper Mills, except Newsprint	323	151	*	1	129	1	0	0	41
322122	Newsprint Mills	W	W	W	2	10	2	27	0	W
322130	Paperboard Mills	374	195	2	5	127	1	8	0	36
323	Printing and Related Support	325	306	0	0	18	1	0	0	0
324	Petroleum and Coal Products	2,165	584	1	18	1,290	10	16	0	245
324110	Petroleum Refineries	2,000	537	0	0	1,222	0	0	0	241
324121	Asphalt Paving Mixture and Block	118	31	1	18	55	8	0	0	4
324199	Other Petroleum and Coal Products	19	1	0	*	2	*	16	0	*
325	Chemicals	1,070	605	0	20	257	7	112	28	42
325110	Petrochemicals	0	0	0	0	0	0	0	0	0
325120	Industrial Gases	121	114	0	0	7	0	0	0	*
325181	Alkalies and Chlorine	W	85	0	5	W	*	W	0	7
325182	Carbon Black	1	*	0	*	*	*	0	0	*
325188	Other Basic Inorganic Chemicals	224	95	0	4	42	*	45	28	9
325192	Cyclic Crudes and Intermediates	*	*	0	0	*	*	0	0	*
325193	Ethyl Alcohol	W	32	0	*	W	*	0	0	18
325199	Other Basic Organic Chemicals	32	12	0	*	14	*	0	0	5
325211	Plastics Materials and Resins	24	18	0	*	6	*	0	0	*
325212	Synthetic Rubber	8	7	0	*	1	*	0	0	*
325222	Noncellulosic Organic Fibers	*	*	0	0	*	*	0	0	0
325311	Nitrogenous Fertilizers	19	10	0	*	5	3	0	0	1
325312	Phosphatic Fertilizers	42	20	0	8	14	*	0	0	*
3254	Pharmaceuticals and Medicines	143	109	0	*	33	1	0	0	*
325412	Pharmaceutical Preparation	69	49	0	*	19	*	0	0	*
325992	Photographic Film, Paper, Plate, and Chemicals	30	22	0	*	7	*	0	0	1
326	Plastics and Rubber Products	951	867	0	Q	71	12	0	0	*
327	Nonmetallic Mineral Products	1,007	447	Q	138	238	Q	137	2	24
327121	Brick and Structural Clay Tile	14	5	0	*	9	*	0	0	*
327211	Flat Glass	45	15	0	*	29	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware	14	6	0	*	8	*	0	0	*

**Table 7.9 Expenditures for Purchased Energy Sources, 2010;****Level: National and Regional Data;****Row: NAICS Codes; Column: Energy Sources;****Unit: Million U.S. Dollars.**

NAICS Code(a)	Subsector and Industry	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil(b)	Natural Gas(c)	LPG and NGL(d)	Coal	Coke and Breeze	Other(e)
327213	Glass Containers	122	65	0	*	56	1	0	0	*
327215	Glass Products from Purchased Glass	31	28	0	*	3	*	0	0	*
327310	Cements	245	115	0	6	10	*	101	2	11
327410	Lime	54	12	0	5	*	1	36	0	1
327420	Gypsum	71	22	0	2	47	1	0	0	*
327993	Mineral Wool	54	38	0	*	15	*	0	0	*
331	Primary Metals	909	602	0	8	230	5	4	18	42
331111	Iron and Steel Mills	235	139	0	2	73	*	4	2	14
331112	Electrometallurgical Ferroalloy Products	*	*	0	0	0	0	0	0	0
3312	Steel Products from Purchased Steel	W	14	0	*	2	*	0	0	W
3313	Alumina and Aluminum	W	229	0	2	39	1	0	0	W
331314	Secondary Smelting and Alloying of Aluminum	8	3	0	*	5	*	0	0	0
331315	Aluminum Sheet, Plate and Foils	29	15	0	1	13	*	0	0	*
331316	Aluminum Extruded Products	W	W	0	*	11	1	0	0	*
3314	Nonferrous Metals, except Aluminum	W	154	0	3	85	2	0	2	W
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	154	94	0	1	51	*	0	0	8
3315	Foundries	113	66	0	1	31	2	*	14	*
331511	Iron Foundries	28	9	0	*	5	*	*	14	*
331521	Aluminum Die-Casting Foundries	7	4	0	0	3	*	0	0	*
331524	Aluminum Foundries, except Die-Casting	25	16	0	*	8	*	0	0	*
332	Fabricated Metal Products	510	380	0	Q	100	12	Q	0	3
333	Machinery	198	178	0	*	Q	3	0	0	Q
334	Computer and Electronic Products	843	722	0	*	113	Q	0	0	6
334413	Semiconductors and Related Devices	357	295	0	*	56	*	0	0	6
335	Electrical Equip., Appliances, and Components	68	56	0	*	10	Q	0	0	*
336	Transportation Equipment	601	501	0	6	88	5	0	0	2
336111	Automobiles	5	4	0	0	*	*	0	0	0
336112	Light Trucks and Utility Vehicles	3	3	0	0	1	0	0	0	0
3364	Aerospace Product and Parts	375	291	0	3	76	3	0	0	2
336411	Aircraft	71	51	0	*	20	*	0	0	*
337	Furniture and Related Products	61	52	0	0	7	Q	0	0	*
339	Miscellaneous	243	213	0	*	28	1	0	0	*
	Total	12,986	7,699	20	478	3,632	153	361	54	589

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

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

(c) 'Natural Gas' includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

(d) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids '(NGL).'

(e) 'Other' energy sources include such combustible energy sources as wood waste, hydrogen, and waste oils and tars.

NF=No applicable RSE row/column factor.

\* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

S=Withheld because estimate did not meet publication standards.

NA=Not available.

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

Zeros do not mean that the energy source is free, rather that the energy source either did not show up in this sample or it was not purchased at all in the sample population.

Purchased energy sources exclude quantities delivered from any other establishment(s) in the



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**Table 7.9 Expenditures for Purchased Energy Sources, 2010;**

**Level: National and Regional Data;**

**Row: NAICS Codes; Column: Energy Sources;**

**Unit: Million U.S. Dollars.**

<b>NAICS</b>										
<b>Code(a)</b>	<b>Subsector and Industry</b>	<b>Total</b>	<b>Electricity</b>	<b>Residual Fuel Oil</b>	<b>Distillate Fuel Oil(b)</b>	<b>Natural Gas(c)</b>	<b>LPG and NGL(d)</b>	<b>Coal</b>	<b>Coke and Breeze</b>	<b>Other(e)</b>

company, quantities transferred from other establishments of the company for which payment was not made, quantities purchased centrally within the company but separate from the reporting establishment, and quantities for which payment was made in-kind.

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey.'