

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;

Level: National Data;
Row: Specific Energy-Management Activities within NAICS Codes;
Column: Participation;
Unit: Establishment Counts.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
Total United States					
311 - 339	ALL MANUFACTURING INDUSTRIES				
	Full-Time Energy Manager (c)	142,267	12,536	15,365	--
	Set Goals for Improving Energy Efficiency	100,182	46,190	23,796	--
	Measure and Monitor Steam Used (d)	38,932	5,227	13,256	112,753
	Dedicated Staff that Performs Insulation Inspections (e)	39,296	7,096	14,353	109,423
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	30,223	11,291	14,367	114,286
	Maintaining a Steam Trap Database	35,378	5,090	15,971	113,729
	Annual Inspections and Repairs of Steam Leaks	23,815	17,496	14,844	114,013
	Measure Oxygen and Carbon Dioxide Levels (f)	117,089	20,077	33,002	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	132,429	7,982	29,757	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	77,950	60,842	31,376	--
	Cleaning of Heat Transfer Equipment (i)	76,862	59,886	33,420	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	73,348	61,605	35,216	--
	Keep an Inventory of All Motors	94,984	45,930	29,255	--
	Identify the Major Energy Consuming Pumps (k)	123,510	17,815	28,844	--
	Detect and Control Compressed Air Leaks (l)	104,101	40,596	25,471	--
	Track the Amount of Energy Spent in Compressed Air Systems	136,627	7,821	25,720	--
311	FOOD				
	Full-Time Energy Manager (c)	11,181	1,401	690	--
	Set Goals for Improving Energy Efficiency	6,835	5,243	1,193	--
	Measure and Monitor Steam Used (d)	4,938	1,815	920	5,597
	Dedicated Staff that Performs Insulation Inspections (e)	4,600	2,488	843	5,340
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	3,085	3,840	679	5,667
	Maintaining a Steam Trap Database	4,981	1,583	1,056	5,651
	Annual Inspections and Repairs of Steam Leaks	1,505	5,520	692	5,554
	Measure Oxygen and Carbon Dioxide Levels (f)	6,979	4,794	1,498	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	10,207	1,491	1,573	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	4,393	6,656	2,221	--
	Cleaning of Heat Transfer Equipment (i)	4,202	7,001	2,069	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4,024	7,232	2,015	--
	Keep an Inventory of All Motors	5,671	6,098	1,502	--
	Identify the Major Energy Consuming Pumps (k)	9,662	2,191	1,417	--
	Detect and Control Compressed Air Leaks (l)	8,220	3,753	1,298	--
	Track the Amount of Energy Spent in Compressed Air Systems	11,144	885	1,242	--
3112	Grain and Oilseed Milling				
	Full-Time Energy Manager (c)	500	69	33	--
	Set Goals for Improving Energy Efficiency	256	311	35	--
	Measure and Monitor Steam Used (d)	223	165	73	142
	Dedicated Staff that Performs Insulation Inspections (e)	289	134	39	140
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	127	305	31	139
	Maintaining a Steam Trap Database	269	148	47	139
	Annual Inspections and Repairs of Steam Leaks	34	402	26	140
	Measure Oxygen and Carbon Dioxide Levels (f)	251	284	67	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	419	133	50	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	204	334	63	--
	Cleaning of Heat Transfer Equipment (i)	210	340	52	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	208	351	43	--
	Keep an Inventory of All Motors	149	403	50	--
	Identify the Major Energy Consuming Pumps (k)	367	197	38	--
	Detect and Control Compressed Air Leaks (l)	268	296	39	--
	Track the Amount of Energy Spent in Compressed Air Systems	477	84	41	--
311221	Wet Corn Milling				
	Full-Time Energy Manager (c)	W	14	W	--
	Set Goals for Improving Energy Efficiency	W	39	W	--
	Measure and Monitor Steam Used (d)	10	33	6	10
	Dedicated Staff that Performs Insulation Inspections (e)	W	11	W	11
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	29	W	11
	Maintaining a Steam Trap Database	18	22	7	11
	Annual Inspections and Repairs of Steam Leaks	W	39	W	11
	Measure Oxygen and Carbon Dioxide Levels (f)	17	36	6	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	30	22	7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	12	42	6	--
	Cleaning of Heat Transfer Equipment (i)	17	35	7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	44	W	--
	Keep an Inventory of All Motors	W	48	W	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Identify the Major Energy Consuming Pumps (k)	W	27	W	--
	Detect and Control Compressed Air Leaks (l)	26	27	6	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	18	W	--
31131	Sugar				
	Full-Time Energy Manager (c)	W	4	W	--
	Set Goals for Improving Energy Efficiency	W	40	W	--
	Measure and Monitor Steam Used (d)	25	21	0	27
	Dedicated Staff that Performs Insulation Inspections (e)	35	11	0	27
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	W	0	27
	Maintaining a Steam Trap Database	W	9	W	27
	Annual Inspections and Repairs of Steam Leaks	25	21	0	27
	Measure Oxygen and Carbon Dioxide Levels (f)	52	18	3	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	53	17	4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	W	46	W	--
	Cleaning of Heat Transfer Equipment (i)	W	46	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	46	W	--
	Keep an Inventory of All Motors	3	70	0	--
	Identify the Major Energy Consuming Pumps (k)	W	39	W	--
	Detect and Control Compressed Air Leaks (l)	W	36	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	30	W	--
3114	Fruit and Vegetable Preserving and Specialty Foods				
	Full-Time Energy Manager (c)	774	115	99	--
	Set Goals for Improving Energy Efficiency	458	416	113	--
	Measure and Monitor Steam Used (d)	354	227	171	235
	Dedicated Staff that Performs Insulation Inspections (e)	391	300	87	210
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	308	346	101	232
	Maintaining a Steam Trap Database	478	111	165	232
	Annual Inspections and Repairs of Steam Leaks	86	579	92	230
	Measure Oxygen and Carbon Dioxide Levels (f)	378	482	126	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	599	241	147	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	272	558	157	--
	Cleaning of Heat Transfer Equipment (i)	210	601	176	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	213	624	150	--
	Keep an Inventory of All Motors	354	457	176	--
	Identify the Major Energy Consuming Pumps (k)	612	176	200	--
	Detect and Control Compressed Air Leaks (l)	442	340	204	--
	Track the Amount of Energy Spent in Compressed Air Systems	766	93	128	--
3115	Dairy Products				
	Full-Time Energy Manager (c)	752	206	40	--
	Set Goals for Improving Energy Efficiency	422	452	123	--
	Measure and Monitor Steam Used (d)	572	239	65	121
	Dedicated Staff that Performs Insulation Inspections (e)	579	245	52	123
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	343	465	72	118
	Maintaining a Steam Trap Database	574	207	96	121
	Annual Inspections and Repairs of Steam Leaks	119	725	82	72
	Measure Oxygen and Carbon Dioxide Levels (f)	293	620	85	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	617	274	108	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	245	654	99	--
	Cleaning of Heat Transfer Equipment (i)	142	762	94	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	147	770	81	--
	Keep an Inventory of All Motors	408	537	52	--
	Identify the Major Energy Consuming Pumps (k)	644	242	113	--
	Detect and Control Compressed Air Leaks (l)	596	360	43	--
	Track the Amount of Energy Spent in Compressed Air Systems	835	110	53	--
3116	Animal Slaughtering and Processing				
	Full-Time Energy Manager (c)	1,413	172	125	--
	Set Goals for Improving Energy Efficiency	728	805	177	--
	Measure and Monitor Steam Used (d)	729	256	109	615
	Dedicated Staff that Performs Insulation Inspections (e)	668	406	141	494
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	438	527	182	562
	Maintaining a Steam Trap Database	698	241	210	561
	Annual Inspections and Repairs of Steam Leaks	206	806	123	574
	Measure Oxygen and Carbon Dioxide Levels (f)	679	738	292	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,248	201	260	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	646	811	252	--
	Cleaning of Heat Transfer Equipment (i)	551	954	204	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	417	1,089	203	--

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NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Keep an Inventory of All Motors	680	766	263	--
	Identify the Major Energy Consuming Pumps (k)	1,195	327	187	--
	Detect and Control Compressed Air Leaks (l)	926	614	169	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,431	100	178	--
312	BEVERAGE AND TOBACCO PRODUCTS				
	Full-Time Energy Manager (c)	1,679	304	110	--
	Set Goals for Improving Energy Efficiency	1,070	921	102	--
	Measure and Monitor Steam Used (d)	715	130	158	1,090
	Dedicated Staff that Performs Insulation Inspections (e)	713	186	140	1,054
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	541	233	205	1,114
	Maintaining a Steam Trap Database	666	100	214	1,113
	Annual Inspections and Repairs of Steam Leaks	366	414	173	1,140
	Measure Oxygen and Carbon Dioxide Levels (f)	1,518	325	250	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,801	109	183	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	970	968	155	--
	Cleaning of Heat Transfer Equipment (i)	772	1,112	209	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	830	1,006	257	--
	Keep an Inventory of All Motors	1,196	720	178	--
	Identify the Major Energy Consuming Pumps (k)	1,638	358	97	--
	Detect and Control Compressed Air Leaks (l)	1,474	492	127	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,786	171	136	--
3121	Beverages				
	Full-Time Energy Manager (c)	1,626	293	103	--
	Set Goals for Improving Energy Efficiency	1,033	896	92	--
	Measure and Monitor Steam Used (d)	693	112	143	1,074
	Dedicated Staff that Performs Insulation Inspections (e)	684	164	133	1,040
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	525	204	195	1,098
	Maintaining a Steam Trap Database	635	85	203	1,098
	Annual Inspections and Repairs of Steam Leaks	360	373	164	1,125
	Measure Oxygen and Carbon Dioxide Levels (f)	1,490	293	238	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,747	101	174	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	949	928	145	--
	Cleaning of Heat Transfer Equipment (i)	758	1,064	200	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	814	959	249	--
	Keep an Inventory of All Motors	1,162	696	165	--
	Identify the Major Energy Consuming Pumps (k)	1,588	346	88	--
	Detect and Control Compressed Air Leaks (l)	1,439	464	120	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,732	164	126	--
3122	Tobacco				
	Full-Time Energy Manager (c)	53	11	7	--
	Set Goals for Improving Energy Efficiency	37	25	9	--
	Measure and Monitor Steam Used (d)	22	18	15	16
	Dedicated Staff that Performs Insulation Inspections (e)	29	22	7	14
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	16	30	9	16
	Maintaining a Steam Trap Database	31	15	10	15
	Annual Inspections and Repairs of Steam Leaks	6	41	9	15
	Measure Oxygen and Carbon Dioxide Levels (f)	28	32	11	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	54	8	9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	21	40	10	--
	Cleaning of Heat Transfer Equipment (i)	14	48	9	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16	47	8	--
	Keep an Inventory of All Motors	34	24	13	--
	Identify the Major Energy Consuming Pumps (k)	51	11	9	--
	Detect and Control Compressed Air Leaks (l)	36	28	7	--
	Track the Amount of Energy Spent in Compressed Air Systems	54	7	10	--
313	TEXTILE MILLS				
	Full-Time Energy Manager (c)	1,027	134	180	--
	Set Goals for Improving Energy Efficiency	578	491	272	--
	Measure and Monitor Steam Used (d)	421	141	178	602
	Dedicated Staff that Performs Insulation Inspections (e)	399	201	153	587
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	322	293	143	583
	Maintaining a Steam Trap Database	419	172	166	583
	Annual Inspections and Repairs of Steam Leaks	146	484	132	579
	Measure Oxygen and Carbon Dioxide Levels (f)	662	389	291	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	918	124	299	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	400	578	363	--
	Cleaning of Heat Transfer Equipment (i)	366	630	344	--

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NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	334	666	340	--
	Keep an Inventory of All Motors	469	546	327	--
	Identify the Major Energy Consuming Pumps (k)	770	346	226	--
	Detect and Control Compressed Air Leaks (l)	628	459	253	--
	Track the Amount of Energy Spent in Compressed Air Systems	928	220	193	--
314	TEXTILE PRODUCT MILLS				
	Full-Time Energy Manager (c)	2,469	Q	775	--
	Set Goals for Improving Energy Efficiency	1,987	769	775	--
	Measure and Monitor Steam Used (d)	869	28	775	1,859
	Dedicated Staff that Performs Insulation Inspections (e)	788	25	785	1,933
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	615	23	781	2,112
	Maintaining a Steam Trap Database	620	19	781	2,112
	Annual Inspections and Repairs of Steam Leaks	591	41	776	2,122
	Measure Oxygen and Carbon Dioxide Levels (f)	2,258	Q	965	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,597	Q	776	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,908	847	776	--
	Cleaning of Heat Transfer Equipment (i)	1,803	683	1,045	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,909	717	905	--
	Keep an Inventory of All Motors	2,081	534	916	--
	Identify the Major Energy Consuming Pumps (k)	2,723	33	775	--
	Detect and Control Compressed Air Leaks (l)	2,055	702	775	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,647	Q	775	--
315	APPAREL				
	Full-Time Energy Manager (c)	3,628	Q	Q	--
	Set Goals for Improving Energy Efficiency	2,304	340	1,550	--
	Measure and Monitor Steam Used (d)	2,261	W	W	1,298
	Dedicated Staff that Performs Insulation Inspections (e)	2,085	211	Q	1,300
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,461	Q	900	1,310
	Maintaining a Steam Trap Database	1,900	Q	Q	1,307
	Annual Inspections and Repairs of Steam Leaks	1,384	Q	900	1,310
	Measure Oxygen and Carbon Dioxide Levels (f)	2,516	Q	1,552	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,632	Q	1,538	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	2,074	580	1,538	--
	Cleaning of Heat Transfer Equipment (i)	1,677	1,286	1,230	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,443	1,106	1,644	--
	Keep an Inventory of All Motors	2,450	Q	1,403	--
	Identify the Major Energy Consuming Pumps (k)	2,343	40	1,810	--
	Detect and Control Compressed Air Leaks (l)	2,120	418	1,655	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,565	Q	1,546	--
316	LEATHER AND ALLIED PRODUCTS				
	Full-Time Energy Manager (c)	377	23	Q	--
	Set Goals for Improving Energy Efficiency	351	45	56	--
	Measure and Monitor Steam Used (d)	176	8	Q	216
	Dedicated Staff that Performs Insulation Inspections (e)	182	17	55	198
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	140	39	55	218
	Maintaining a Steam Trap Database	163	W	W	218
	Annual Inspections and Repairs of Steam Leaks	134	46	55	218
	Measure Oxygen and Carbon Dioxide Levels (f)	334	35	83	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	374	0	78	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	227	124	100	--
	Cleaning of Heat Transfer Equipment (i)	214	133	106	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	200	142	110	--
	Keep an Inventory of All Motors	313	63	76	--
	Identify the Major Energy Consuming Pumps (k)	346	45	61	--
	Detect and Control Compressed Air Leaks (l)	252	119	81	--
	Track the Amount of Energy Spent in Compressed Air Systems	373	23	57	--
321	WOOD PRODUCTS				
	Full-Time Energy Manager (c)	6,649	348	731	--
	Set Goals for Improving Energy Efficiency	4,690	1,781	1,256	--
	Measure and Monitor Steam Used (d)	1,733	367	711	4,916
	Dedicated Staff that Performs Insulation Inspections (e)	1,860	409	800	4,658
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,304	698	738	4,988
	Maintaining a Steam Trap Database	1,643	222	993	4,869
	Annual Inspections and Repairs of Steam Leaks	942	1,011	833	4,941
	Measure Oxygen and Carbon Dioxide Levels (f)	5,169	697	1,862	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5,738	325	1,664	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	3,696	2,376	1,655	--

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	Cleaning of Heat Transfer Equipment (i)	3,526	2,245	1,956	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	3,712	1,902	2,114	--
	Keep an Inventory of All Motors	3,775	2,487	1,465	--
	Identify the Major Energy Consuming Pumps (k)	5,540	505	1,682	--
	Detect and Control Compressed Air Leaks (l)	4,304	1,887	1,536	--
	Track the Amount of Energy Spent in Compressed Air Systems	6,252	207	1,269	--
32113	Sawmills				
	Full-Time Energy Manager (c)	1,328	102	230	--
	Set Goals for Improving Energy Efficiency	857	428	375	--
	Measure and Monitor Steam Used (d)	439	181	220	820
	Dedicated Staff that Performs Insulation Inspections (e)	414	167	251	828
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	271	278	273	838
	Maintaining a Steam Trap Database	405	97	330	828
	Annual Inspections and Repairs of Steam Leaks	174	391	249	846
	Measure Oxygen and Carbon Dioxide Levels (f)	902	223	535	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,091	143	426	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	601	634	425	--
	Cleaning of Heat Transfer Equipment (i)	571	683	405	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	685	542	433	--
	Keep an Inventory of All Motors	687	628	346	--
	Identify the Major Energy Consuming Pumps (k)	1,042	189	429	--
	Detect and Control Compressed Air Leaks (l)	840	424	397	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,191	68	401	--
3212	Veneer, Plywood, and Engineered Woods				
	Full-Time Energy Manager (c)	1,109	33	87	--
	Set Goals for Improving Energy Efficiency	784	274	170	--
	Measure and Monitor Steam Used (d)	226	83	120	799
	Dedicated Staff that Performs Insulation Inspections (e)	304	81	86	757
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	191	141	112	784
	Maintaining a Steam Trap Database	254	74	142	758
	Annual Inspections and Repairs of Steam Leaks	129	208	109	782
	Measure Oxygen and Carbon Dioxide Levels (f)	780	216	232	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	966	95	167	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	564	493	170	--
	Cleaning of Heat Transfer Equipment (i)	574	466	188	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	542	479	207	--
	Keep an Inventory of All Motors	531	513	184	--
	Identify the Major Energy Consuming Pumps (k)	969	94	165	--
	Detect and Control Compressed Air Leaks (l)	787	320	121	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,043	48	137	--
321219	Reconstituted Wood Products				
	Full-Time Energy Manager (c)	166	12	4	--
	Set Goals for Improving Energy Efficiency	77	91	14	--
	Measure and Monitor Steam Used (d)	25	35	11	111
	Dedicated Staff that Performs Insulation Inspections (e)	73	17	Q	83
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	51	32	12	86
	Maintaining a Steam Trap Database	65	13	18	86
	Annual Inspections and Repairs of Steam Leaks	Q	57	11	81
	Measure Oxygen and Carbon Dioxide Levels (f)	74	84	25	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	109	49	24	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	51	115	16	--
	Cleaning of Heat Transfer Equipment (i)	48	113	21	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	50	110	21	--
	Keep an Inventory of All Motors	55	110	17	--
	Identify the Major Energy Consuming Pumps (k)	117	34	30	--
	Detect and Control Compressed Air Leaks (l)	86	77	19	--
	Track the Amount of Energy Spent in Compressed Air Systems	133	20	29	--
3219	Other Wood Products				
	Full-Time Energy Manager (c)	3,912	209	400	--
	Set Goals for Improving Energy Efficiency	2,791	1,037	693	--
	Measure and Monitor Steam Used (d)	983	88	360	3,092
	Dedicated Staff that Performs Insulation Inspections (e)	1,061	141	425	2,894
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	783	238	338	3,163
	Maintaining a Steam Trap Database	896	Q	499	3,080
	Annual Inspections and Repairs of Steam Leaks	608	344	459	3,110
	Measure Oxygen and Carbon Dioxide Levels (f)	3,267	228	1,026	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3,439	63	1,019	--
	Process Heating Maintenance Program that Includes the Following:				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Furance Inspections (h)	2,385	1,093	1,043	--
	Cleaning of Heat Transfer Equipment (i)	2,202	988	1,330	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,325	756	1,440	--
	Keep an Inventory of All Motors	2,373	1,231	917	--
	Identify the Major Energy Consuming Pumps (k)	3,314	167	1,041	--
	Detect and Control Compressed Air Leaks (l)	2,440	1,079	1,003	--
	Track the Amount of Energy Spent in Compressed Air Systems	3,734	86	701	--
322	PAPER				
	Full-Time Energy Manager (c)	3,019	409	305	--
	Set Goals for Improving Energy Efficiency	2,039	1,233	461	--
	Measure and Monitor Steam Used (d)	1,052	521	276	1,884
	Dedicated Staff that Performs Insulation Inspections (e)	1,102	440	384	1,807
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	671	779	289	1,994
	Maintaining a Steam Trap Database	996	318	512	1,908
	Annual Inspections and Repairs of Steam Leaks	449	1,003	287	1,994
	Measure Oxygen and Carbon Dioxide Levels (f)	2,154	840	739	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,764	442	528	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	1,444	1,575	715	--
	Cleaning of Heat Transfer Equipment (i)	1,475	1,400	859	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,235	1,666	833	--
	Keep an Inventory of All Motors	1,696	1,561	476	--
	Identify the Major Energy Consuming Pumps (k)	2,526	607	600	--
	Detect and Control Compressed Air Leaks (l)	1,876	1,224	634	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,883	371	479	--
322110	Pulp Mills				
	Full-Time Energy Manager (c)	21	17	3	--
	Set Goals for Improving Energy Efficiency	10	28	3	--
	Measure and Monitor Steam Used (d)	W	31	W	4
	Dedicated Staff that Performs Insulation Inspections (e)	W	10	W	5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14	17	4	5
	Maintaining a Steam Trap Database	16	11	8	5
	Annual Inspections and Repairs of Steam Leaks	6	25	4	5
	Measure Oxygen and Carbon Dioxide Levels (f)	8	27	6	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	11	24	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	5	31	4	--
	Cleaning of Heat Transfer Equipment (i)	7	28	5	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4	31	5	--
	Keep an Inventory of All Motors	W	32	W	--
	Identify the Major Energy Consuming Pumps (k)	18	14	8	--
	Detect and Control Compressed Air Leaks (l)	25	11	4	--
	Track the Amount of Energy Spent in Compressed Air Systems	19	17	4	--
322121	Paper Mills, except Newsprint				
	Full-Time Energy Manager (c)	102	97	5	--
	Set Goals for Improving Energy Efficiency	45	146	12	--
	Measure and Monitor Steam Used (d)	21	153	5	25
	Dedicated Staff that Performs Insulation Inspections (e)	124	44	11	25
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	73	94	12	25
	Maintaining a Steam Trap Database	72	88	18	25
	Annual Inspections and Repairs of Steam Leaks	23	145	11	25
	Measure Oxygen and Carbon Dioxide Levels (f)	45	146	12	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	64	128	11	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	35	154	15	--
	Cleaning of Heat Transfer Equipment (i)	38	148	17	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	32	158	14	--
	Keep an Inventory of All Motors	28	163	12	--
	Identify the Major Energy Consuming Pumps (k)	89	99	15	--
	Detect and Control Compressed Air Leaks (l)	121	70	12	--
	Track the Amount of Energy Spent in Compressed Air Systems	120	69	15	--
322122	Newsprint Mills				
	Full-Time Energy Manager (c)	W	7	W	--
	Set Goals for Improving Energy Efficiency	W	16	W	--
	Measure and Monitor Steam Used (d)	W	20	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	14	5	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	7	14	W	W
	Maintaining a Steam Trap Database	7	14	W	W
	Annual Inspections and Repairs of Steam Leaks	6	16	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	W	16	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	20	W	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	7	15	5	--
	Cleaning of Heat Transfer Equipment (i)	6	16	5	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	18	W	--
	Keep an Inventory of All Motors	W	20	W	--
	Identify the Major Energy Consuming Pumps (k)	W	7	W	--
	Detect and Control Compressed Air Leaks (l)	W	7	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	10	W	--
322130	Paperboard Mills				
	Full-Time Energy Manager (c)	100	62	16	--
	Set Goals for Improving Energy Efficiency	33	124	20	--
	Measure and Monitor Steam Used (d)	14	132	11	20
	Dedicated Staff that Performs Insulation Inspections (e)	80	57	21	20
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	48	88	22	20
	Maintaining a Steam Trap Database	68	60	29	20
	Annual Inspections and Repairs of Steam Leaks	12	133	12	20
	Measure Oxygen and Carbon Dioxide Levels (f)	45	113	20	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	59	89	29	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	28	124	25	--
	Cleaning of Heat Transfer Equipment (i)	28	128	21	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	12	146	19	--
	Keep an Inventory of All Motors	13	140	24	--
	Identify the Major Energy Consuming Pumps (k)	67	79	31	--
	Detect and Control Compressed Air Leaks (l)	85	69	24	--
	Track the Amount of Energy Spent in Compressed Air Systems	103	44	30	--
323	PRINTING AND RELATED SUPPORT				
	Full-Time Energy Manager (c)	13,255	494	1,563	--
	Set Goals for Improving Energy Efficiency	10,494	2,673	2,146	--
	Measure and Monitor Steam Used (d)	2,978	Q	1,248	11,030
	Dedicated Staff that Performs Insulation Inspections (e)	3,038	Q	1,342	10,905
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,441	196	1,585	11,091
	Maintaining a Steam Trap Database	2,424	Q	1,855	10,993
	Annual Inspections and Repairs of Steam Leaks	2,318	235	1,871	10,889
	Measure Oxygen and Carbon Dioxide Levels (f)	11,037	731	3,545	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	11,470	341	3,502	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	7,899	4,243	3,171	--
	Cleaning of Heat Transfer Equipment (i)	7,776	3,954	3,583	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7,345	3,928	4,040	--
	Keep an Inventory of All Motors	9,928	2,489	2,896	--
	Identify the Major Energy Consuming Pumps (k)	11,447	967	2,899	--
	Detect and Control Compressed Air Leaks (l)	11,055	2,010	2,248	--
	Track the Amount of Energy Spent in Compressed Air Systems	13,009	124	2,180	--
324	PETROLEUM AND COAL PRODUCTS				
	Full-Time Energy Manager (c)	1,443	418	164	--
	Set Goals for Improving Energy Efficiency	782	1,000	242	--
	Measure and Monitor Steam Used (d)	473	216	147	1,189
	Dedicated Staff that Performs Insulation Inspections (e)	479	254	133	1,158
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	374	337	129	1,183
	Maintaining a Steam Trap Database	480	224	137	1,183
	Annual Inspections and Repairs of Steam Leaks	247	460	130	1,188
	Measure Oxygen and Carbon Dioxide Levels (f)	560	1,102	362	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,275	443	306	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	486	1,200	337	--
	Cleaning of Heat Transfer Equipment (i)	450	1,244	330	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	319	1,423	282	--
	Keep an Inventory of All Motors	593	1,103	328	--
	Identify the Major Energy Consuming Pumps (k)	1,261	417	346	--
	Detect and Control Compressed Air Leaks (l)	1,259	450	315	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,637	93	294	--
324110	Petroleum Refineries				
	Full-Time Energy Manager (c)	104	123	4	--
	Set Goals for Improving Energy Efficiency	56	171	6	--
	Measure and Monitor Steam Used (d)	62	143	7	21
	Dedicated Staff that Performs Insulation Inspections (e)	105	101	7	19
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	60	144	9	19
	Maintaining a Steam Trap Database	51	155	7	19
	Annual Inspections and Repairs of Steam Leaks	31	176	6	19
	Measure Oxygen and Carbon Dioxide Levels (f)	31	194	7	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Use Flue Gas to Preheat Other Equipment or Processes (g)	62	161	9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	25	201	6	--
	Cleaning of Heat Transfer Equipment (i)	23	201	7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16	203	13	--
	Keep an Inventory of All Motors	28	194	10	--
	Identify the Major Energy Consuming Pumps (k)	98	112	22	--
	Detect and Control Compressed Air Leaks (l)	175	38	19	--
	Track the Amount of Energy Spent in Compressed Air Systems	172	38	22	--
324121	Asphalt Paving Mixture and Block				
	Full-Time Energy Manager (c)	944	251	144	--
	Set Goals for Improving Energy Efficiency	473	647	218	--
	Measure and Monitor Steam Used (d)	163	31	121	1,024
	Dedicated Staff that Performs Insulation Inspections (e)	188	34	110	1,007
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	147	59	104	1,028
	Maintaining a Steam Trap Database	187	16	106	1,029
	Annual Inspections and Repairs of Steam Leaks	104	92	109	1,032
	Measure Oxygen and Carbon Dioxide Levels (f)	273	756	309	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	860	221	257	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	321	738	280	--
	Cleaning of Heat Transfer Equipment (i)	280	763	296	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	179	912	247	--
	Keep an Inventory of All Motors	358	691	290	--
	Identify the Major Energy Consuming Pumps (k)	835	208	295	--
	Detect and Control Compressed Air Leaks (l)	794	274	270	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,080	16	242	--
324199	Other Petroleum and Coal Products				
	Full-Time Energy Manager (c)	43	W	W	--
	Set Goals for Improving Energy Efficiency	21	23	4	--
	Measure and Monitor Steam Used (d)	W	11	W	20
	Dedicated Staff that Performs Insulation Inspections (e)	W	11	W	17
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	12	13	5	17
	Maintaining a Steam Trap Database	17	9	4	17
	Annual Inspections and Repairs of Steam Leaks	W	20	W	17
	Measure Oxygen and Carbon Dioxide Levels (f)	W	20	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	29	15	4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	9	33	5	--
	Cleaning of Heat Transfer Equipment (i)	16	27	5	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9	35	4	--
	Keep an Inventory of All Motors	12	31	5	--
	Identify the Major Energy Consuming Pumps (k)	35	9	4	--
	Detect and Control Compressed Air Leaks (l)	W	13	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	43	W	W	--
325	CHEMICALS				
	Full-Time Energy Manager (c)	6,490	1,192	607	--
	Set Goals for Improving Energy Efficiency	4,041	3,411	837	--
	Measure and Monitor Steam Used (d)	2,493	1,161	729	3,906
	Dedicated Staff that Performs Insulation Inspections (e)	2,734	1,148	626	3,781
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,839	1,654	799	3,998
	Maintaining a Steam Trap Database	2,288	990	1,147	3,864
	Annual Inspections and Repairs of Steam Leaks	914	2,616	801	3,959
	Measure Oxygen and Carbon Dioxide Levels (f)	4,679	2,138	1,471	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5,973	1,023	1,293	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	3,075	4,035	1,179	--
	Cleaning of Heat Transfer Equipment (i)	3,083	3,988	1,218	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,627	4,341	1,321	--
	Keep an Inventory of All Motors	3,425	3,681	1,184	--
	Identify the Major Energy Consuming Pumps (k)	5,194	1,741	1,354	--
	Detect and Control Compressed Air Leaks (l)	5,027	2,208	1,054	--
	Track the Amount of Energy Spent in Compressed Air Systems	6,400	799	1,089	--
325110	Petrochemicals				
	Full-Time Energy Manager (c)	W	19	W	--
	Set Goals for Improving Energy Efficiency	W	32	W	--
	Measure and Monitor Steam Used (d)	6	29	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	17	19	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	18	18	W	W
	Maintaining a Steam Trap Database	10	26	W	W
	Annual Inspections and Repairs of Steam Leaks	7	29	W	W

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Measure Oxygen and Carbon Dioxide Levels (f)	W	32	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	10	24	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	3	32	5	--
	Cleaning of Heat Transfer Equipment (i)	W	34	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	35	W	--
	Keep an Inventory of All Motors	W	35	W	--
	Identify the Major Energy Consuming Pumps (k)	13	18	9	--
	Detect and Control Compressed Air Leaks (l)	26	10	3	--
	Track the Amount of Energy Spent in Compressed Air Systems	24	10	6	--
325120	Industrial Gases				
	Full-Time Energy Manager (c)	152	239	95	--
	Set Goals for Improving Energy Efficiency	88	246	152	--
	Measure and Monitor Steam Used (d)	Q	9	148	292
	Dedicated Staff that Performs Insulation Inspections (e)	Q	6	148	258
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	Q	9	148	292
	Maintaining a Steam Trap Database	W	11	W	292
	Annual Inspections and Repairs of Steam Leaks	W	11	W	292
	Measure Oxygen and Carbon Dioxide Levels (f)	320	7	159	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	294	Q	155	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	183	151	153	--
	Cleaning of Heat Transfer Equipment (i)	227	107	153	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	109	223	154	--
	Keep an Inventory of All Motors	8	325	153	--
	Identify the Major Energy Consuming Pumps (k)	147	185	154	--
	Detect and Control Compressed Air Leaks (l)	261	Q	155	--
	Track the Amount of Energy Spent in Compressed Air Systems	281	Q	158	--
325181	Alkalies and Chlorine				
	Full-Time Energy Manager (c)	W	11	W	--
	Set Goals for Improving Energy Efficiency	W	21	W	--
	Measure and Monitor Steam Used (d)	W	22	W	5
	Dedicated Staff that Performs Insulation Inspections (e)	10	15	6	5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14	8	8	5
	Maintaining a Steam Trap Database	16	6	8	5
	Annual Inspections and Repairs of Steam Leaks	W	21	W	5
	Measure Oxygen and Carbon Dioxide Levels (f)	12	17	7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13	15	7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	12	17	7	--
	Cleaning of Heat Transfer Equipment (i)	11	17	8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	10	20	6	--
	Keep an Inventory of All Motors	4	24	7	--
	Identify the Major Energy Consuming Pumps (k)	14	16	6	--
	Detect and Control Compressed Air Leaks (l)	W	11	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	19	11	6	--
325182	Carbon Black				
	Full-Time Energy Manager (c)	W	4	W	--
	Set Goals for Improving Energy Efficiency	W	15	W	--
	Measure and Monitor Steam Used (d)	14	W	W	16
	Dedicated Staff that Performs Insulation Inspections (e)	W	6	W	14
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	9	7	3	14
	Maintaining a Steam Trap Database	14	W	W	14
	Annual Inspections and Repairs of Steam Leaks	3	14	3	12
	Measure Oxygen and Carbon Dioxide Levels (f)	19	10	4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	17	12	4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	W	19	W	--
	Cleaning of Heat Transfer Equipment (i)	W	19	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	19	W	--
	Keep an Inventory of All Motors	W	18	W	--
	Identify the Major Energy Consuming Pumps (k)	19	9	5	--
	Detect and Control Compressed Air Leaks (l)	W	11	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	26	3	3	--
325188	Other Basic Inorganic Chemicals				
	Full-Time Energy Manager (c)	385	81	4	--
	Set Goals for Improving Energy Efficiency	233	234	4	--
	Measure and Monitor Steam Used (d)	118	151	4	197
	Dedicated Staff that Performs Insulation Inspections (e)	172	99	3	195
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	144	116	14	196
	Maintaining a Steam Trap Database	204	61	10	196

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Annual Inspections and Repairs of Steam Leaks	33	235	6	196
	Measure Oxygen and Carbon Dioxide Levels (f)	249	196	Q	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	355	110	5	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	92	346	Q	--
	Cleaning of Heat Transfer Equipment (i)	157	298	15	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	99	363	8	--
	Keep an Inventory of All Motors	215	247	8	--
	Identify the Major Energy Consuming Pumps (k)	324	119	27	--
	Detect and Control Compressed Air Leaks (l)	306	146	Q	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	94	W	--
325192	Cyclic Crudes and Intermediates				
	Full-Time Energy Manager (c)	W	9	W	--
	Set Goals for Improving Energy Efficiency	9	15	0	--
	Measure and Monitor Steam Used (d)	W	16	0	W
	Dedicated Staff that Performs Insulation Inspections (e)	W	13	0	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	8	11	W	W
	Maintaining a Steam Trap Database	W	13	0	W
	Annual Inspections and Repairs of Steam Leaks	0	W	0	W
	Measure Oxygen and Carbon Dioxide Levels (f)	W	13	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	11	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	W	18	W	--
	Cleaning of Heat Transfer Equipment (i)	8	16	0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5	19	0	--
	Keep an Inventory of All Motors	6	18	0	--
	Identify the Major Energy Consuming Pumps (k)	W	13	W	--
	Detect and Control Compressed Air Leaks (l)	15	9	0	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	4	W	--
325193	Ethyl Alcohol				
	Full-Time Energy Manager (c)	150	28	7	--
	Set Goals for Improving Energy Efficiency	46	129	10	--
	Measure and Monitor Steam Used (d)	46	115	9	16
	Dedicated Staff that Performs Insulation Inspections (e)	77	87	5	16
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	54	101	14	16
	Maintaining a Steam Trap Database	67	72	32	14
	Annual Inspections and Repairs of Steam Leaks	5	156	8	16
	Measure Oxygen and Carbon Dioxide Levels (f)	22	149	14	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	39	126	20	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	23	142	20	--
	Cleaning of Heat Transfer Equipment (i)	10	165	10	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	19	157	9	--
	Keep an Inventory of All Motors	W	174	W	--
	Identify the Major Energy Consuming Pumps (k)	72	93	20	--
	Detect and Control Compressed Air Leaks (l)	79	91	15	--
	Track the Amount of Energy Spent in Compressed Air Systems	141	23	21	--
325199	Other Basic Organic Chemicals				
	Full-Time Energy Manager (c)	329	90	57	--
	Set Goals for Improving Energy Efficiency	159	261	56	--
	Measure and Monitor Steam Used (d)	141	197	Q	102
	Dedicated Staff that Performs Insulation Inspections (e)	212	148	17	99
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	122	179	75	99
	Maintaining a Steam Trap Database	158	138	107	73
	Annual Inspections and Repairs of Steam Leaks	32	295	49	99
	Measure Oxygen and Carbon Dioxide Levels (f)	136	263	77	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	286	139	51	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	63	336	77	--
	Cleaning of Heat Transfer Equipment (i)	48	377	51	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	33	397	46	--
	Keep an Inventory of All Motors	103	321	52	--
	Identify the Major Energy Consuming Pumps (k)	205	185	86	--
	Detect and Control Compressed Air Leaks (l)	305	129	41	--
	Track the Amount of Energy Spent in Compressed Air Systems	348	82	45	--
325211	Plastics Materials and Resins				
	Full-Time Energy Manager (c)	595	78	71	--
	Set Goals for Improving Energy Efficiency	403	265	76	--
	Measure and Monitor Steam Used (d)	226	119	58	342
	Dedicated Staff that Performs Insulation Inspections (e)	230	104	74	336
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	207	123	67	346

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Maintaining a Steam Trap Database	205	93	101	345
	Annual Inspections and Repairs of Steam Leaks	124	193	81	345
	Measure Oxygen and Carbon Dioxide Levels (f)	436	196	112	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	550	91	104	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	274	327	142	--
	Cleaning of Heat Transfer Equipment (i)	270	326	148	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	238	404	103	--
	Keep an Inventory of All Motors	255	341	148	--
	Identify the Major Energy Consuming Pumps (k)	459	168	117	--
	Detect and Control Compressed Air Leaks (l)	358	262	124	--
	Track the Amount of Energy Spent in Compressed Air Systems	540	81	123	--
325212	Synthetic Rubber				
	Full-Time Energy Manager (c)	105	16	5	--
	Set Goals for Improving Energy Efficiency	67	49	10	--
	Measure and Monitor Steam Used (d)	27	22	5	72
	Dedicated Staff that Performs Insulation Inspections (e)	23	28	5	71
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	24	25	5	72
	Maintaining a Steam Trap Database	31	16	6	72
	Annual Inspections and Repairs of Steam Leaks	11	38	5	72
	Measure Oxygen and Carbon Dioxide Levels (f)	88	26	13	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	106	12	8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	76	45	5	--
	Cleaning of Heat Transfer Equipment (i)	71	43	12	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	63	56	7	--
	Keep an Inventory of All Motors	69	47	10	--
	Identify the Major Energy Consuming Pumps (k)	84	24	18	--
	Detect and Control Compressed Air Leaks (l)	94	19	13	--
	Track the Amount of Energy Spent in Compressed Air Systems	104	13	9	--
325222	Noncellulosic Organic Fibers				
	Full-Time Energy Manager (c)	W	27	W	--
	Set Goals for Improving Energy Efficiency	W	38	W	--
	Measure and Monitor Steam Used (d)	20	23	4	31
	Dedicated Staff that Performs Insulation Inspections (e)	29	16	4	28
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	24	W	32
	Maintaining a Steam Trap Database	23	19	4	32
	Annual Inspections and Repairs of Steam Leaks	W	35	W	31
	Measure Oxygen and Carbon Dioxide Levels (f)	49	23	6	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	54	17	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	23	48	6	--
	Cleaning of Heat Transfer Equipment (i)	26	46	6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	20	50	7	--
	Keep an Inventory of All Motors	36	35	5	--
	Identify the Major Energy Consuming Pumps (k)	50	21	6	--
	Detect and Control Compressed Air Leaks (l)	W	31	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	26	W	--
325311	Nitrogenous Fertilizers				
	Full-Time Energy Manager (c)	W	12	W	--
	Set Goals for Improving Energy Efficiency	W	33	W	--
	Measure and Monitor Steam Used (d)	W	30	W	24
	Dedicated Staff that Performs Insulation Inspections (e)	W	14	W	22
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	19	W	24
	Maintaining a Steam Trap Database	30	13	4	24
	Annual Inspections and Repairs of Steam Leaks	W	35	W	24
	Measure Oxygen and Carbon Dioxide Levels (f)	25	40	5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	38	27	4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	23	43	4	--
	Cleaning of Heat Transfer Equipment (i)	19	47	4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	17	48	5	--
	Keep an Inventory of All Motors	W	50	W	--
	Identify the Major Energy Consuming Pumps (k)	43	17	9	--
	Detect and Control Compressed Air Leaks (l)	49	17	4	--
	Track the Amount of Energy Spent in Compressed Air Systems	59	7	4	--
325312	Phosphatic Fertilizers				
	Full-Time Energy Manager (c)	49	5	12	--
	Set Goals for Improving Energy Efficiency	27	17	21	--
	Measure and Monitor Steam Used (d)	12	10	9	33
	Dedicated Staff that Performs Insulation Inspections (e)	15	8	8	33
	Formal Steam Maintenance Program that Includes the Following:				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Annual Testing of All Steam Traps	12	9	10	33
	Maintaining a Steam Trap Database	17	5	10	33
	Annual Inspections and Repairs of Steam Leaks	W	19	W	33
	Measure Oxygen and Carbon Dioxide Levels (f)	32	14	19	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	36	9	19	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	14	36	15	--
	Cleaning of Heat Transfer Equipment (i)	13	35	18	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15	30	21	--
	Keep an Inventory of All Motors	25	26	14	--
	Identify the Major Energy Consuming Pumps (k)	33	18	14	--
	Detect and Control Compressed Air Leaks (l)	40	9	15	--
	Track the Amount of Energy Spent in Compressed Air Systems	45	6	14	--
3254	Pharmaceuticals and Medicines				
	Full-Time Energy Manager (c)	973	162	Q	--
	Set Goals for Improving Energy Efficiency	722	368	88	--
	Measure and Monitor Steam Used (d)	597	125	46	409
	Dedicated Staff that Performs Insulation Inspections (e)	550	239	44	345
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	315	416	52	395
	Maintaining a Steam Trap Database	502	217	95	364
	Annual Inspections and Repairs of Steam Leaks	164	555	98	361
	Measure Oxygen and Carbon Dioxide Levels (f)	526	440	212	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	906	94	178	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	373	640	165	--
	Cleaning of Heat Transfer Equipment (i)	330	684	164	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	292	709	177	--
	Keep an Inventory of All Motors	544	482	152	--
	Identify the Major Energy Consuming Pumps (k)	837	169	173	--
	Detect and Control Compressed Air Leaks (l)	703	313	161	--
	Track the Amount of Energy Spent in Compressed Air Systems	922	93	163	--
325412	Pharmaceutical Preparation				
	Full-Time Energy Manager (c)	503	89	16	--
	Set Goals for Improving Energy Efficiency	340	220	Q	--
	Measure and Monitor Steam Used (d)	306	68	14	221
	Dedicated Staff that Performs Insulation Inspections (e)	283	146	14	166
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	165	217	21	206
	Maintaining a Steam Trap Database	252	125	58	175
	Annual Inspections and Repairs of Steam Leaks	89	292	Q	178
	Measure Oxygen and Carbon Dioxide Levels (f)	211	275	124	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	448	64	98	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	233	291	84	--
	Cleaning of Heat Transfer Equipment (i)	176	352	81	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	113	403	93	--
	Keep an Inventory of All Motors	322	230	57	--
	Identify the Major Energy Consuming Pumps (k)	449	90	70	--
	Detect and Control Compressed Air Leaks (l)	346	173	90	--
	Track the Amount of Energy Spent in Compressed Air Systems	472	52	85	--
325992	Photographic Film, Paper, Plate, and Chemicals				
	Full-Time Energy Manager (c)	115	16	7	--
	Set Goals for Improving Energy Efficiency	64	62	12	--
	Measure and Monitor Steam Used (d)	23	15	10	90
	Dedicated Staff that Performs Insulation Inspections (e)	43	7	7	81
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	19	20	9	90
	Maintaining a Steam Trap Database	20	21	9	88
	Annual Inspections and Repairs of Steam Leaks	15	26	9	88
	Measure Oxygen and Carbon Dioxide Levels (f)	93	34	10	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	109	16	13	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	40	67	31	--
	Cleaning of Heat Transfer Equipment (i)	39	64	34	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	42	61	35	--
	Keep an Inventory of All Motors	74	25	38	--
	Identify the Major Energy Consuming Pumps (k)	93	12	32	--
	Detect and Control Compressed Air Leaks (l)	84	23	31	--
	Track the Amount of Energy Spent in Compressed Air Systems	77	22	38	--
326	PLASTICS AND RUBBER PRODUCTS				
	Full-Time Energy Manager (c)	6,813	892	563	--
	Set Goals for Improving Energy Efficiency	4,606	2,852	810	--
	Measure and Monitor Steam Used (d)	1,101	409	389	6,368
	Dedicated Staff that Performs Insulation Inspections (e)	1,274	516	525	5,953

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participaton	Participation(b)	Don't Know	No Steam Used
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	732	717	477	6,342
	Maintaining a Steam Trap Database	1,106	328	579	6,255
	Annual Inspections and Repairs of Steam Leaks	577	871	576	6,243
	Measure Oxygen and Carbon Dioxide Levels (f)	6,020	971	1,277	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6,893	205	1,169	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	3,942	3,428	898	--
	Cleaning of Heat Transfer Equipment (i)	3,578	3,637	1,053	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,858	4,228	1,182	--
	Keep an Inventory of All Motors	4,402	2,843	1,023	--
	Identify the Major Energy Consuming Pumps (k)	5,500	1,853	915	--
	Detect and Control Compressed Air Leaks (l)	4,153	3,422	693	--
	Track the Amount of Energy Spent in Compressed Air Systems	6,436	816	1,016	--
327	NONMETALLIC MINERAL PRODUCTS				
	Full-Time Energy Manager (c)	9,823	1,064	1,109	--
	Set Goals for Improving Energy Efficiency	7,216	3,260	1,521	--
	Measure and Monitor Steam Used (d)	2,539	Q	771	8,568
	Dedicated Staff that Performs Insulation Inspections (e)	2,586	Q	883	8,341
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,308	149	902	8,638
	Maintaining a Steam Trap Database	2,491	27	848	8,631
	Annual Inspections and Repairs of Steam Leaks	1,574	959	901	8,563
	Measure Oxygen and Carbon Dioxide Levels (f)	8,227	1,366	2,404	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9,010	1,009	1,978	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	5,188	4,415	2,394	--
	Cleaning of Heat Transfer Equipment (i)	5,377	4,127	2,493	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5,062	4,463	2,471	--
	Keep an Inventory of All Motors	5,937	4,314	1,746	--
	Identify the Major Energy Consuming Pumps (k)	8,374	1,358	2,265	--
	Detect and Control Compressed Air Leaks (l)	7,211	3,117	1,668	--
	Track the Amount of Energy Spent in Compressed Air Systems	9,660	531	1,806	--
327121	Brick and Structural Clay Tile				
	Full-Time Energy Manager (c)	84	50	22	--
	Set Goals for Improving Energy Efficiency	39	99	17	--
	Measure and Monitor Steam Used (d)	14	W	W	126
	Dedicated Staff that Performs Insulation Inspections (e)	16	W	W	122
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13	W	W	128
	Maintaining a Steam Trap Database	14	0	16	126
	Annual Inspections and Repairs of Steam Leaks	13	W	W	128
	Measure Oxygen and Carbon Dioxide Levels (f)	60	68	28	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	33	98	25	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	14	128	Q	--
	Cleaning of Heat Transfer Equipment (i)	58	69	28	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15	126	16	--
	Keep an Inventory of All Motors	34	99	24	--
	Identify the Major Energy Consuming Pumps (k)	72	59	25	--
	Detect and Control Compressed Air Leaks (l)	56	77	24	--
	Track the Amount of Energy Spent in Compressed Air Systems	101	31	24	--
327211	Flat Glass				
	Full-Time Energy Manager (c)	W	13	W	--
	Set Goals for Improving Energy Efficiency	W	30	W	--
	Measure and Monitor Steam Used (d)	11	W	W	36
	Dedicated Staff that Performs Insulation Inspections (e)	W	0	W	36
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	6	W	37
	Maintaining a Steam Trap Database	W	4	W	37
	Annual Inspections and Repairs of Steam Leaks	W	6	W	37
	Measure Oxygen and Carbon Dioxide Levels (f)	W	37	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	12	39	0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	7	44	0	--
	Cleaning of Heat Transfer Equipment (i)	W	35	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4	47	0	--
	Keep an Inventory of All Motors	W	36	W	--
	Identify the Major Energy Consuming Pumps (k)	23	24	4	--
	Detect and Control Compressed Air Leaks (l)	W	22	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	14	W	--
327212	Other Pressed and Blown Glass and Glassware				
	Full-Time Energy Manager (c)	124	32	7	--
	Set Goals for Improving Energy Efficiency	64	89	10	--
	Measure and Monitor Steam Used (d)	50	W	W	102

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;

Level: National Data;
Row: Specific Energy-Management Activities within NAICS Codes;
Column: Participation;
Unit: Establishment Counts.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Dedicated Staff that Performs Insulation Inspections (e)	51	Q	10	85
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	18	24	12	108
	Maintaining a Steam Trap Database	38	3	15	107
	Annual Inspections and Repairs of Steam Leaks	23	20	12	108
	Measure Oxygen and Carbon Dioxide Levels (f)	87	39	37	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	107	26	29	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	55	87	21	--
	Cleaning of Heat Transfer Equipment (i)	64	73	26	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	51	93	18	--
	Keep an Inventory of All Motors	68	79	16	--
	Identify the Major Energy Consuming Pumps (k)	68	42	53	--
	Detect and Control Compressed Air Leaks (l)	86	48	29	--
	Track the Amount of Energy Spent in Compressed Air Systems	109	22	32	--
327213	Glass Containers				
	Full-Time Energy Manager (c)	W	35	W	--
	Set Goals for Improving Energy Efficiency	9	55	3	--
	Measure and Monitor Steam Used (d)	9	W	W	55
	Dedicated Staff that Performs Insulation Inspections (e)	12	W	W	53
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	7	W	W	56
	Maintaining a Steam Trap Database	8	W	W	55
	Annual Inspections and Repairs of Steam Leaks	W	5	W	56
	Measure Oxygen and Carbon Dioxide Levels (f)	10	53	5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	22	40	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7	58	3	--
	Cleaning of Heat Transfer Equipment (i)	16	47	5	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7	54	7	--
	Keep an Inventory of All Motors	18	45	6	--
	Identify the Major Energy Consuming Pumps (k)	32	31	6	--
	Detect and Control Compressed Air Leaks (l)	16	48	3	--
	Track the Amount of Energy Spent in Compressed Air Systems	31	33	5	--
327215	Glass Products from Purchased Glass				
	Full-Time Energy Manager (c)	438	30	93	--
	Set Goals for Improving Energy Efficiency	304	135	122	--
	Measure and Monitor Steam Used (d)	75	0	44	442
	Dedicated Staff that Performs Insulation Inspections (e)	80	8	72	400
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	64	6	44	447
	Maintaining a Steam Trap Database	68	5	43	446
	Annual Inspections and Repairs of Steam Leaks	41	11	63	445
	Measure Oxygen and Carbon Dioxide Levels (f)	354	66	141	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	415	18	128	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	187	266	109	--
	Cleaning of Heat Transfer Equipment (i)	279	178	104	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	232	249	81	--
	Keep an Inventory of All Motors	304	152	105	--
	Identify the Major Energy Consuming Pumps (k)	396	46	119	--
	Detect and Control Compressed Air Leaks (l)	312	137	112	--
	Track the Amount of Energy Spent in Compressed Air Systems	403	31	128	--
327310	Cements				
	Full-Time Energy Manager (c)	137	46	Q	--
	Set Goals for Improving Energy Efficiency	71	111	Q	--
	Measure and Monitor Steam Used (d)	16	W	W	167
	Dedicated Staff that Performs Insulation Inspections (e)	17	W	W	167
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	12	W	W	169
	Maintaining a Steam Trap Database	14	W	W	169
	Annual Inspections and Repairs of Steam Leaks	13	5	Q	166
	Measure Oxygen and Carbon Dioxide Levels (f)	75	109	Q	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	93	91	Q	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	57	123	Q	--
	Cleaning of Heat Transfer Equipment (i)	89	81	39	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	49	120	40	--
	Keep an Inventory of All Motors	41	127	41	--
	Identify the Major Energy Consuming Pumps (k)	79	73	57	--
	Detect and Control Compressed Air Leaks (l)	112	71	Q	--
	Track the Amount of Energy Spent in Compressed Air Systems	116	67	Q	--
327410	Lime				
	Full-Time Energy Manager (c)	76	0	7	--
	Set Goals for Improving Energy Efficiency	32	39	12	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Measure and Monitor Steam Used (d)	11	W	W	66
	Dedicated Staff that Performs Insulation Inspections (e)	W	0	W	66
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	0	W	67
	Maintaining a Steam Trap Database	13	0	6	64
	Annual Inspections and Repairs of Steam Leaks	W	0	W	67
	Measure Oxygen and Carbon Dioxide Levels (f)	23	52	8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	32	43	8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	25	51	7	--
	Cleaning of Heat Transfer Equipment (i)	31	43	9	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	18	57	8	--
	Keep an Inventory of All Motors	17	58	8	--
	Identify the Major Energy Consuming Pumps (k)	51	20	12	--
	Detect and Control Compressed Air Leaks (l)	58	18	7	--
	Track the Amount of Energy Spent in Compressed Air Systems	63	9	11	--
327420	Gypsum				
	Full-Time Energy Manager (c)	81	50	7	--
	Set Goals for Improving Energy Efficiency	27	106	5	--
	Measure and Monitor Steam Used (d)	26	7	6	99
	Dedicated Staff that Performs Insulation Inspections (e)	W	6	W	101
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	27	W	W	103
	Maintaining a Steam Trap Database	29	W	W	103
	Annual Inspections and Repairs of Steam Leaks	21	12	4	102
	Measure Oxygen and Carbon Dioxide Levels (f)	64	44	Q	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	79	28	Q	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	52	51	Q	--
	Cleaning of Heat Transfer Equipment (i)	48	47	44	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	22	74	43	--
	Keep an Inventory of All Motors	18	78	42	--
	Identify the Major Energy Consuming Pumps (k)	59	47	Q	--
	Detect and Control Compressed Air Leaks (l)	56	51	Q	--
	Track the Amount of Energy Spent in Compressed Air Systems	95	12	Q	--
327993	Mineral Wool				
	Full-Time Energy Manager (c)	162	28	13	--
	Set Goals for Improving Energy Efficiency	107	88	8	--
	Measure and Monitor Steam Used (d)	29	5	11	158
	Dedicated Staff that Performs Insulation Inspections (e)	27	7	Q	159
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14	19	Q	159
	Maintaining a Steam Trap Database	20	10	14	159
	Annual Inspections and Repairs of Steam Leaks	6	28	Q	159
	Measure Oxygen and Carbon Dioxide Levels (f)	133	52	19	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	109	43	52	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	42	125	Q	--
	Cleaning of Heat Transfer Equipment (i)	58	109	Q	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	Q	126	Q	--
	Keep an Inventory of All Motors	62	117	24	--
	Identify the Major Energy Consuming Pumps (k)	135	53	15	--
	Detect and Control Compressed Air Leaks (l)	138	49	16	--
	Track the Amount of Energy Spent in Compressed Air Systems	158	32	13	--
331	PRIMARY METALS				
	Full-Time Energy Manager (c)	2,649	411	136	--
	Set Goals for Improving Energy Efficiency	1,689	1,132	375	--
	Measure and Monitor Steam Used (d)	668	80	143	2,305
	Dedicated Staff that Performs Insulation Inspections (e)	733	120	177	2,166
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	538	195	179	2,285
	Maintaining a Steam Trap Database	634	75	186	2,300
	Annual Inspections and Repairs of Steam Leaks	382	350	189	2,275
	Measure Oxygen and Carbon Dioxide Levels (f)	1,858	749	590	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,261	461	474	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	859	1,949	389	--
	Cleaning of Heat Transfer Equipment (i)	1,092	1,585	520	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	806	1,950	440	--
	Keep an Inventory of All Motors	1,345	1,362	489	--
	Identify the Major Energy Consuming Pumps (k)	2,109	614	473	--
	Detect and Control Compressed Air Leaks (l)	1,881	905	411	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,425	393	378	--
331111	Iron and Steel Mills				
	Full-Time Energy Manager (c)	W	86	W	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Set Goals for Improving Energy Efficiency	W	169	W	--
	Measure and Monitor Steam Used (d)	W	W	36	264
	Dedicated Staff that Performs Insulation Inspections (e)	W	W	32	256
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	W	36	269
	Maintaining a Steam Trap Database	W	W	42	270
	Annual Inspections and Repairs of Steam Leaks	W	W	31	270
	Measure Oxygen and Carbon Dioxide Levels (f)	W	135	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	111	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	W	253	W	--
	Cleaning of Heat Transfer Equipment (i)	W	227	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	244	W	--
	Keep an Inventory of All Motors	W	W	78	--
	Identify the Major Energy Consuming Pumps (k)	251	100	77	--
	Detect and Control Compressed Air Leaks (l)	243	119	65	--
	Track the Amount of Energy Spent in Compressed Air Systems	295	W	W	--
33112	Electrometallurgical Ferroalloy Products				
	Full-Time Energy Manager (c)	W	4	W	--
	Set Goals for Improving Energy Efficiency	W	10	W	--
	Measure and Monitor Steam Used (d)	W	W	0	16
	Dedicated Staff that Performs Insulation Inspections (e)	W	W	0	16
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	W	0	16
	Maintaining a Steam Trap Database	W	W	0	16
	Annual Inspections and Repairs of Steam Leaks	W	W	0	16
	Measure Oxygen and Carbon Dioxide Levels (f)	W	7	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	0	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	W	11	W	--
	Cleaning of Heat Transfer Equipment (i)	W	11	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	13	W	--
	Keep an Inventory of All Motors	W	W	0	--
	Identify the Major Energy Consuming Pumps (k)	11	5	4	--
	Detect and Control Compressed Air Leaks (l)	12	8	0	--
	Track the Amount of Energy Spent in Compressed Air Systems	15	W	W	--
3312	Steel Products from Purchased Steel				
	Full-Time Energy Manager (c)	327	70	21	--
	Set Goals for Improving Energy Efficiency	242	140	36	--
	Measure and Monitor Steam Used (d)	101	6	23	288
	Dedicated Staff that Performs Insulation Inspections (e)	92	30	21	274
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	49	62	24	283
	Maintaining a Steam Trap Database	94	22	20	282
	Annual Inspections and Repairs of Steam Leaks	26	83	26	283
	Measure Oxygen and Carbon Dioxide Levels (f)	254	125	39	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	343	33	42	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	146	230	42	--
	Cleaning of Heat Transfer Equipment (i)	186	182	49	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	134	241	43	--
	Keep an Inventory of All Motors	199	190	28	--
	Identify the Major Energy Consuming Pumps (k)	305	68	46	--
	Detect and Control Compressed Air Leaks (l)	274	117	28	--
	Track the Amount of Energy Spent in Compressed Air Systems	351	32	35	--
3313	Alumina and Aluminum				
	Full-Time Energy Manager (c)	328	54	6	--
	Set Goals for Improving Energy Efficiency	215	145	28	--
	Measure and Monitor Steam Used (d)	103	10	9	265
	Dedicated Staff that Performs Insulation Inspections (e)	111	14	12	252
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	94	15	13	265
	Maintaining a Steam Trap Database	102	10	13	263
	Annual Inspections and Repairs of Steam Leaks	76	36	11	265
	Measure Oxygen and Carbon Dioxide Levels (f)	224	116	48	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	257	89	42	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	126	229	34	--
	Cleaning of Heat Transfer Equipment (i)	172	176	40	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	127	228	33	--
	Keep an Inventory of All Motors	154	191	44	--
	Identify the Major Energy Consuming Pumps (k)	262	79	47	--
	Detect and Control Compressed Air Leaks (l)	278	77	33	--
	Track the Amount of Energy Spent in Compressed Air Systems	318	31	39	--
331314	Secondary Smelting and Alloying of Aluminum				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Full-Time Energy Manager (c)	W	13	W	--
	Set Goals for Improving Energy Efficiency	35	40	4	--
	Measure and Monitor Steam Used (d)	18	W	W	58
	Dedicated Staff that Performs Insulation Inspections (e)	18	W	W	54
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	20	W	W	57
	Maintaining a Steam Trap Database	18	W	W	57
	Annual Inspections and Repairs of Steam Leaks	W	8	W	57
	Measure Oxygen and Carbon Dioxide Levels (f)	33	34	12	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	44	28	7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	15	57	7	--
	Cleaning of Heat Transfer Equipment (i)	20	52	7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	11	59	9	--
	Keep an Inventory of All Motors	26	40	13	--
	Identify the Major Energy Consuming Pumps (k)	52	15	12	--
	Detect and Control Compressed Air Leaks (l)	48	21	10	--
	Track the Amount of Energy Spent in Compressed Air Systems	61	7	11	--
331315	Aluminum Sheet, Plate and Folds				
	Full-Time Energy Manager (c)	W	17	W	--
	Set Goals for Improving Energy Efficiency	24	36	7	--
	Measure and Monitor Steam Used (d)	8	W	W	48
	Dedicated Staff that Performs Insulation Inspections (e)	12	6	4	45
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	6	4	6	51
	Maintaining a Steam Trap Database	8	W	W	51
	Annual Inspections and Repairs of Steam Leaks	5	7	4	51
	Measure Oxygen and Carbon Dioxide Levels (f)	20	33	14	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	36	22	9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	9	48	10	--
	Cleaning of Heat Transfer Equipment (i)	19	34	14	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	10	47	10	--
	Keep an Inventory of All Motors	15	42	10	--
	Identify the Major Energy Consuming Pumps (k)	37	14	15	--
	Detect and Control Compressed Air Leaks (l)	42	14	11	--
	Track the Amount of Energy Spent in Compressed Air Systems	51	6	10	--
331316	Aluminum Extruded Products				
	Full-Time Energy Manager (c)	115	18	0	--
	Set Goals for Improving Energy Efficiency	65	56	12	--
	Measure and Monitor Steam Used (d)	W	0	W	103
	Dedicated Staff that Performs Insulation Inspections (e)	W	W	0	100
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	7	W	102
	Maintaining a Steam Trap Database	28	W	W	102
	Annual Inspections and Repairs of Steam Leaks	W	15	W	102
	Measure Oxygen and Carbon Dioxide Levels (f)	81	39	14	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	77	34	22	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	18	102	13	--
	Cleaning of Heat Transfer Equipment (i)	46	73	14	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	24	99	10	--
	Keep an Inventory of All Motors	65	55	13	--
	Identify the Major Energy Consuming Pumps (k)	79	41	13	--
	Detect and Control Compressed Air Leaks (l)	95	31	8	--
	Track the Amount of Energy Spent in Compressed Air Systems	109	11	13	--
3314	Nonferrous Metals, except Aluminum				
	Full-Time Energy Manager (c)	513	56	33	--
	Set Goals for Improving Energy Efficiency	347	200	55	--
	Measure and Monitor Steam Used (d)	163	25	29	384
	Dedicated Staff that Performs Insulation Inspections (e)	179	28	35	361
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	140	43	50	368
	Maintaining a Steam Trap Database	161	16	41	384
	Annual Inspections and Repairs of Steam Leaks	94	94	28	385
	Measure Oxygen and Carbon Dioxide Levels (f)	325	146	131	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	414	72	116	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	245	236	121	--
	Cleaning of Heat Transfer Equipment (i)	248	224	131	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	220	281	102	--
	Keep an Inventory of All Motors	232	274	95	--
	Identify the Major Energy Consuming Pumps (k)	390	98	115	--
	Detect and Control Compressed Air Leaks (l)	378	102	122	--
	Track the Amount of Energy Spent in Compressed Air Systems	422	69	111	--
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participaton	Participation(b)	Don't Know	No Steam Used
	Full-Time Energy Manager (c)	65	13	5	--
	Set Goals for Improving Energy Efficiency	44	32	6	--
	Measure and Monitor Steam Used (d)	24	4	5	50
	Dedicated Staff that Performs Insulation Inspections (e)	24	4	5	50
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	16	9	8	50
	Maintaining a Steam Trap Database	22	W	W	50
	Annual Inspections and Repairs of Steam Leaks	13	14	6	50
	Measure Oxygen and Carbon Dioxide Levels (f)	47	21	14	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	58	10	14	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	33	36	13	--
	Cleaning of Heat Transfer Equipment (i)	34	34	14	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	27	43	12	--
	Keep an Inventory of All Motors	32	42	7	--
	Identify the Major Energy Consuming Pumps (k)	49	23	10	--
	Detect and Control Compressed Air Leaks (l)	60	12	10	--
	Track the Amount of Energy Spent in Compressed Air Systems	64	4	13	--
3315	Foundries				
	Full-Time Energy Manager (c)	1,159	141	41	--
	Set Goals for Improving Energy Efficiency	681	468	192	--
	Measure and Monitor Steam Used (d)	201	6	46	1,087
	Dedicated Staff that Performs Insulation Inspections (e)	234	22	78	1,007
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	161	41	55	1,084
	Maintaining a Steam Trap Database	180	6	69	1,085
	Annual Inspections and Repairs of Steam Leaks	122	69	92	1,057
	Measure Oxygen and Carbon Dioxide Levels (f)	837	219	285	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	969	156	215	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	219	991	131	--
	Cleaning of Heat Transfer Equipment (i)	351	765	225	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	203	943	195	--
	Keep an Inventory of All Motors	618	479	244	--
	Identify the Major Energy Consuming Pumps (k)	892	265	184	--
	Detect and Control Compressed Air Leaks (l)	695	483	163	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,024	197	120	--
331511	Iron Foundries				
	Full-Time Energy Manager (c)	277	44	11	--
	Set Goals for Improving Energy Efficiency	172	125	35	--
	Measure and Monitor Steam Used (d)	60	W	W	261
	Dedicated Staff that Performs Insulation Inspections (e)	62	0	6	264
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	61	W	W	256
	Maintaining a Steam Trap Database	53	W	W	261
	Annual Inspections and Repairs of Steam Leaks	49	5	Q	264
	Measure Oxygen and Carbon Dioxide Levels (f)	241	39	52	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	268	35	29	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	69	237	26	--
	Cleaning of Heat Transfer Equipment (i)	87	209	35	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	64	241	28	--
	Keep an Inventory of All Motors	93	186	53	--
	Identify the Major Energy Consuming Pumps (k)	211	68	52	--
	Detect and Control Compressed Air Leaks (l)	178	132	21	--
	Track the Amount of Energy Spent in Compressed Air Systems	258	54	20	--
331521	Aluminum Die-Casting Foundries				
	Full-Time Energy Manager (c)	107	46	9	--
	Set Goals for Improving Energy Efficiency	74	68	20	--
	Measure and Monitor Steam Used (d)	29	W	W	123
	Dedicated Staff that Performs Insulation Inspections (e)	35	W	W	117
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	23	W	W	126
	Maintaining a Steam Trap Database	26	W	W	126
	Annual Inspections and Repairs of Steam Leaks	21	5	9	127
	Measure Oxygen and Carbon Dioxide Levels (f)	87	49	26	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	106	30	26	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	28	117	17	--
	Cleaning of Heat Transfer Equipment (i)	59	85	19	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	36	109	18	--
	Keep an Inventory of All Motors	94	42	26	--
	Identify the Major Energy Consuming Pumps (k)	110	31	21	--
	Detect and Control Compressed Air Leaks (l)	78	63	21	--
	Track the Amount of Energy Spent in Compressed Air Systems	129	20	13	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;

Level: National Data;
Row: Specific Energy-Management Activities within NAICS Codes;
Column: Participation;
Unit: Establishment Counts.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
331524	Aluminum Foundries, except Die-Casting				
	Full-Time Energy Manager (c)	250	17	4	--
	Set Goals for Improving Energy Efficiency	114	83	74	--
	Measure and Monitor Steam Used (d)	36	0	5	230
	Dedicated Staff that Performs Insulation Inspections (e)	39	W	W	197
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	30	W	W	233
	Maintaining a Steam Trap Database	29	W	W	229
	Annual Inspections and Repairs of Steam Leaks	24	6	Q	197
	Measure Oxygen and Carbon Dioxide Levels (f)	168	36	67	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	190	31	Q	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	36	227	8	--
	Cleaning of Heat Transfer Equipment (i)	62	157	52	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	33	170	67	--
	Keep an Inventory of All Motors	141	94	35	--
	Identify the Major Energy Consuming Pumps (k)	194	38	39	--
	Detect and Control Compressed Air Leaks (l)	140	86	Q	--
	Track the Amount of Energy Spent in Compressed Air Systems	199	31	Q	--
332	FABRICATED METAL PRODUCTS				
	Full-Time Energy Manager (c)	27,051	1,504	3,814	--
	Set Goals for Improving Energy Efficiency	19,055	7,932	5,382	--
	Measure and Monitor Steam Used (d)	6,378	Q	3,161	22,783
	Dedicated Staff that Performs Insulation Inspections (e)	6,716	Q	3,639	21,750
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	5,489	698	3,330	22,852
	Maintaining a Steam Trap Database	6,075	Q	3,177	22,926
	Annual Inspections and Repairs of Steam Leaks	4,953	1,293	2,963	23,160
	Measure Oxygen and Carbon Dioxide Levels (f)	24,508	1,940	5,921	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	25,669	1,117	5,583	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	16,842	9,812	5,715	--
	Cleaning of Heat Transfer Equipment (i)	16,091	9,745	6,532	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16,397	9,259	6,713	--
	Keep an Inventory of All Motors	18,851	6,720	6,798	--
	Identify the Major Energy Consuming Pumps (k)	23,677	2,830	5,862	--
	Detect and Control Compressed Air Leaks (l)	19,494	7,566	5,309	--
	Track the Amount of Energy Spent in Compressed Air Systems	25,359	1,133	5,877	--
333	MACHINERY				
	Full-Time Energy Manager (c)	12,516	924	930	--
	Set Goals for Improving Energy Efficiency	8,970	3,620	1,780	--
	Measure and Monitor Steam Used (d)	2,869	0	634	10,867
	Dedicated Staff that Performs Insulation Inspections (e)	3,105	12	846	10,408
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,698	Q	700	10,841
	Maintaining a Steam Trap Database	2,788	23	644	10,916
	Annual Inspections and Repairs of Steam Leaks	2,533	225	920	10,692
	Measure Oxygen and Carbon Dioxide Levels (f)	11,434	790	2,146	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	12,306	Q	1,852	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	6,683	5,414	2,273	--
	Cleaning of Heat Transfer Equipment (i)	7,340	4,971	2,059	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7,576	4,643	2,151	--
	Keep an Inventory of All Motors	9,744	2,647	1,979	--
	Identify the Major Energy Consuming Pumps (k)	11,770	658	1,942	--
	Detect and Control Compressed Air Leaks (l)	9,415	3,475	1,480	--
	Track the Amount of Energy Spent in Compressed Air Systems	11,855	798	1,717	--
334	COMPUTER AND ELECTRONIC PRODUCTS				
	Full-Time Energy Manager (c)	5,262	812	610	--
	Set Goals for Improving Energy Efficiency	4,270	1,626	789	--
	Measure and Monitor Steam Used (d)	1,041	37	465	5,142
	Dedicated Staff that Performs Insulation Inspections (e)	1,009	94	442	5,139
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	784	200	445	5,256
	Maintaining a Steam Trap Database	830	153	451	5,251
	Annual Inspections and Repairs of Steam Leaks	715	256	444	5,270
	Measure Oxygen and Carbon Dioxide Levels (f)	4,492	820	1,373	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5,580	Q	991	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	3,137	2,261	1,287	--
	Cleaning of Heat Transfer Equipment (i)	2,993	2,672	1,020	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,600	2,922	1,162	--
	Keep an Inventory of All Motors	4,605	1,285	795	--
	Identify the Major Energy Consuming Pumps (k)	4,824	920	941	--
	Detect and Control Compressed Air Leaks (l)	4,043	1,747	895	--
	Track the Amount of Energy Spent in Compressed Air Systems	5,371	347	967	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
334413	Semiconductors and Related Devices				
	Full-Time Energy Manager (c)	378	35	6	--
	Set Goals for Improving Energy Efficiency	221	140	Q	--
	Measure and Monitor Steam Used (d)	102	8	Q	273
	Dedicated Staff that Performs Insulation Inspections (e)	92	55	Q	239
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	73	44	Q	265
	Maintaining a Steam Trap Database	92	26	Q	261
	Annual Inspections and Repairs of Steam Leaks	69	50	Q	265
	Measure Oxygen and Carbon Dioxide Levels (f)	251	82	85	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	328	17	73	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	143	208	68	--
	Cleaning of Heat Transfer Equipment (i)	152	218	Q	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	139	224	Q	--
	Keep an Inventory of All Motors	234	117	67	--
	Identify the Major Energy Consuming Pumps (k)	232	139	47	--
	Detect and Control Compressed Air Leaks (l)	234	96	89	--
	Track the Amount of Energy Spent in Compressed Air Systems	296	34	89	--
335	ELEC. EQUIP., APPLIANCES, COMPONENTS				
	Full-Time Energy Manager (c)	2,758	350	Q	--
	Set Goals for Improving Energy Efficiency	1,803	1,123	367	--
	Measure and Monitor Steam Used (d)	528	W	W	2,571
	Dedicated Staff that Performs Insulation Inspections (e)	694	Q	Q	2,389
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	399	Q	360	2,400
	Maintaining a Steam Trap Database	497	W	W	2,439
	Annual Inspections and Repairs of Steam Leaks	357	238	260	2,439
	Measure Oxygen and Carbon Dioxide Levels (f)	2,365	345	584	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,684	Q	528	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,461	1,471	362	--
	Cleaning of Heat Transfer Equipment (i)	1,721	1,074	498	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,460	1,477	357	--
	Keep an Inventory of All Motors	1,986	805	503	--
	Identify the Major Energy Consuming Pumps (k)	2,588	404	302	--
	Detect and Control Compressed Air Leaks (l)	2,236	700	358	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,833	114	347	--
336	TRANSPORTATION EQUIPMENT				
	Full-Time Energy Manager (c)	5,210	736	323	--
	Set Goals for Improving Energy Efficiency	3,447	2,079	745	--
	Measure and Monitor Steam Used (d)	1,045	39	214	4,972
	Dedicated Staff that Performs Insulation Inspections (e)	1,049	117	283	4,821
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	861	174	239	4,996
	Maintaining a Steam Trap Database	930	98	302	4,941
	Annual Inspections and Repairs of Steam Leaks	658	413	223	4,976
	Measure Oxygen and Carbon Dioxide Levels (f)	4,101	743	1,426	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4,968	163	1,139	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	2,216	2,857	1,197	--
	Cleaning of Heat Transfer Equipment (i)	2,383	2,778	1,109	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,108	2,822	1,340	--
	Keep an Inventory of All Motors	3,020	1,970	1,280	--
	Identify the Major Energy Consuming Pumps (k)	4,787	750	733	--
	Detect and Control Compressed Air Leaks (l)	3,320	2,211	740	--
	Track the Amount of Energy Spent in Compressed Air Systems	5,312	348	609	--
336111	Automobiles				
	Full-Time Energy Manager (c)	W	10	W	--
	Set Goals for Improving Energy Efficiency	W	24	W	--
	Measure and Monitor Steam Used (d)	W	5	W	53
	Dedicated Staff that Performs Insulation Inspections (e)	W	4	W	52
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	10	W	W	53
	Maintaining a Steam Trap Database	11	W	W	53
	Annual Inspections and Repairs of Steam Leaks	W	5	W	45
	Measure Oxygen and Carbon Dioxide Levels (f)	39	10	18	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	52	6	10	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	20	28	19	--
	Cleaning of Heat Transfer Equipment (i)	21	29	18	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	22	27	19	--
	Keep an Inventory of All Motors	31	25	12	--
	Identify the Major Energy Consuming Pumps (k)	49	8	11	--
	Detect and Control Compressed Air Leaks (l)	38	27	3	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;**Level: National Data;****Row: Specific Energy-Management Activities within NAICS Codes;****Column: Participation;****Unit: Establishment Counts.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Track the Amount of Energy Spent in Compressed Air Systems	54	11	3	--
336112	Light Trucks and Utility Vehicles				
	Full-Time Energy Manager (c)	W	10	W	--
	Set Goals for Improving Energy Efficiency	W	25	W	--
	Measure and Monitor Steam Used (d)	W	3	W	31
	Dedicated Staff that Performs Insulation Inspections (e)	5	W	W	31
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	3	3	14	31
	Maintaining a Steam Trap Database	W	W	14	31
	Annual Inspections and Repairs of Steam Leaks	W	4	W	31
	Measure Oxygen and Carbon Dioxide Levels (f)	16	9	25	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	4	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	27	10	14	--
	Cleaning of Heat Transfer Equipment (i)	15	11	24	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15	11	24	--
	Keep an Inventory of All Motors	7	18	25	--
	Identify the Major Energy Consuming Pumps (k)	5	20	25	--
	Detect and Control Compressed Air Leaks (l)	29	8	13	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	10	W	--
3364	Aerospace Products				
	Full-Time Energy Manager (c)	776	245	56	--
	Set Goals for Improving Energy Efficiency	578	399	99	--
	Measure and Monitor Steam Used (d)	285	7	13	772
	Dedicated Staff that Performs Insulation Inspections (e)	247	66	15	749
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	192	107	12	766
	Maintaining a Steam Trap Database	240	50	66	721
	Annual Inspections and Repairs of Steam Leaks	159	136	20	761
	Measure Oxygen and Carbon Dioxide Levels (f)	686	201	190	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	886	77	114	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	400	568	109	--
	Cleaning of Heat Transfer Equipment (i)	487	530	60	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	362	611	104	--
	Keep an Inventory of All Motors	768	271	38	--
	Identify the Major Energy Consuming Pumps (k)	874	151	52	--
	Detect and Control Compressed Air Leaks (l)	650	394	33	--
	Track the Amount of Energy Spent in Compressed Air Systems	939	107	31	--
336411	Aircraft				
	Full-Time Energy Manager (c)	187	73	Q	--
	Set Goals for Improving Energy Efficiency	110	150	Q	--
	Measure and Monitor Steam Used (d)	81	0	0	197
	Dedicated Staff that Performs Insulation Inspections (e)	72	8	0	197
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	62	17	0	199
	Maintaining a Steam Trap Database	W	14	W	156
	Annual Inspections and Repairs of Steam Leaks	46	32	7	193
	Measure Oxygen and Carbon Dioxide Levels (f)	175	50	Q	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	218	7	Q	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	61	174	43	--
	Cleaning of Heat Transfer Equipment (i)	95	161	22	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	67	159	52	--
	Keep an Inventory of All Motors	170	103	6	--
	Identify the Major Energy Consuming Pumps (k)	238	24	Q	--
	Detect and Control Compressed Air Leaks (l)	W	98	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	243	27	7	--
337	FURNITURE AND RELATED PRODUCTS				
	Full-Time Energy Manager (c)	7,180	276	801	--
	Set Goals for Improving Energy Efficiency	5,155	1,786	1,316	--
	Measure and Monitor Steam Used (d)	1,367	12	579	6,299
	Dedicated Staff that Performs Insulation Inspections (e)	1,320	65	608	6,263
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,166	Q	541	6,511
	Maintaining a Steam Trap Database	1,263	9	619	6,365
	Annual Inspections and Repairs of Steam Leaks	1,030	110	676	6,441
	Measure Oxygen and Carbon Dioxide Levels (f)	6,370	290	1,597	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6,793	Q	1,377	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	4,380	2,062	1,814	--
	Cleaning of Heat Transfer Equipment (i)	3,992	2,267	1,998	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4,203	2,024	2,029	--
	Keep an Inventory of All Motors	5,241	1,707	1,309	--
	Identify the Major Energy Consuming Pumps (k)	6,206	539	1,513	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2010;

Level: National Data;
Row: Specific Energy-Management Activities within NAICS Codes;
Column: Participation;
Unit: Establishment Counts.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Detect and Control Compressed Air Leaks (l)	5,444	1,622	1,191	--
	Track the Amount of Energy Spent in Compressed Air Systems	6,718	Q	1,446	--
339	MISCELLANEOUS				
	Full-Time Energy Manager (c)	11,787	511	1,195	--
	Set Goals for Improving Energy Efficiency	8,800	2,873	1,821	--
	Measure and Monitor Steam Used (d)	3,286	Q	893	9,290
	Dedicated Staff that Performs Insulation Inspections (e)	2,830	302	893	9,470
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,457	240	892	9,905
	Maintaining a Steam Trap Database	2,183	Q	1,284	9,905
	Annual Inspections and Repairs of Steam Leaks	2,040	353	1,043	10,058
	Measure Oxygen and Carbon Dioxide Levels (f)	9,849	577	3,067	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	10,517	50	2,927	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	6,669	3,989	2,836	--
	Cleaning of Heat Transfer Equipment (i)	6,951	3,354	3,189	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6,298	3,688	3,508	--
	Keep an Inventory of All Motors	8,258	2,654	2,582	--
	Identify the Major Energy Consuming Pumps (k)	10,223	639	2,632	--
	Detect and Control Compressed Air Leaks (l)	8,633	2,110	2,752	--
	Track the Amount of Energy Spent in Compressed Air Systems	11,032	Q	2,297	--

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

(b) This count includes only those establishments that reported this activity for calendar year 2010.

(c) A 'Full-Time Energy Manager' is a person whose major function is to direct or plan energy strategies relating to energy use and energy-efficient technology within the establishment.

(d) The amount of steam used is the amount needed to produce a unit of product.

(e) The insulation inspections are to monitor and maintain the condition of the steam system insulation.

(f) "Tuning" the burners requires the measuring of oxygen and carbon dioxide levels in boilers and other fuel fired heating equipment flue gases.

(g) The use of flue gases from fuel fired heating equipment to preheat combustion air, preheat charge equipment/materials, or provide heat for other processes.

(h) Furnace inspections are necessary to seal openings and repair cracks and damaged insulation in furnace walls, doors, etc.

(i) The cleaning of heat transfer surfaces avoids build up of soot, scale, or other material.

(j) Process heating equipment includes, but is not limited to, temperature and pressure sensors, controllers, valve operators, etc.

(k) A plant-wide study conducted to identify the major energy consuming pump systems.

(l) The staff or equipment dedicated to detecting and controlling compressed air system leaks.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

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

NA=Not available.

-- Estimation is not applicable.

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

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

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
Total United States					
311 - 339	ALL MANUFACTURING INDUSTRIES				
	Full-Time Energy Manager (c)	0.9	5.9	7.1	--
	Set Goals for Improving Energy Efficiency	1.7	3.2	5.5	--
	Measure and Monitor Steam Used (d)	3.8	5.7	7.6	1.4
	Dedicated Staff that Performs Insulation Inspections (e)	3.8	6.0	7.4	1.5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	4.5	5.6	7.4	1.4
	Maintaining a Steam Trap Database	4.0	8.6	6.6	1.4
	Annual Inspections and Repairs of Steam Leaks	5.5	4.4	7.2	1.4
	Measure Oxygen and Carbon Dioxide Levels (f)	1.4	4.1	4.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1.1	6.5	4.7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	2.3	2.6	4.6	--
	Cleaning of Heat Transfer Equipment (i)	2.3	2.7	4.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2.4	2.6	4.3	--
	Keep an Inventory of All Motors	1.8	3.1	4.8	--
	Identify the Major Energy Consuming Pumps (k)	1.3	5.1	4.8	--
	Detect and Control Compressed Air Leaks (l)	1.7	3.5	5.2	--
	Track the Amount of Energy Spent in Compressed Air Systems	1.0	7.1	5.3	--
311	FOOD				
	Full-Time Energy Manager (c)	2.2	13.4	25.7	--
	Set Goals for Improving Energy Efficiency	5.8	7.2	19.6	--
	Measure and Monitor Steam Used (d)	7.6	11.8	20.5	7.1
	Dedicated Staff that Performs Insulation Inspections (e)	7.9	10.5	23.1	7.5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	10.4	8.5	21.9	7.0
	Maintaining a Steam Trap Database	7.4	12.8	18.0	7.0
	Annual Inspections and Repairs of Steam Leaks	16.7	6.6	24.0	7.1
	Measure Oxygen and Carbon Dioxide Levels (f)	5.5	7.3	17.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2.9	10.8	16.5	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	8.7	6.0	14.4	--
	Cleaning of Heat Transfer Equipment (i)	9.1	5.7	15.1	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9.5	5.5	15.4	--
	Keep an Inventory of All Motors	7.0	6.4	17.4	--
	Identify the Major Energy Consuming Pumps (k)	3.4	11.4	17.2	--
	Detect and Control Compressed Air Leaks (l)	4.5	8.5	18.7	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.4	14.5	19.4	--
3112	Grain and Oilseed Milling				
	Full-Time Energy Manager (c)	2.8	12.6	30.9	--
	Set Goals for Improving Energy Efficiency	12.9	10.3	35.3	--
	Measure and Monitor Steam Used (d)	14.3	11.7	32.5	19.8
	Dedicated Staff that Performs Insulation Inspections (e)	10.7	20.0	25.4	19.8
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	19.6	10.4	28.4	20.1
	Maintaining a Steam Trap Database	11.7	16.1	21.9	20.1
	Annual Inspections and Repairs of Steam Leaks	31.4	7.2	31.8	19.8
	Measure Oxygen and Carbon Dioxide Levels (f)	13.0	10.7	29.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.9	11.5	24.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	14.8	9.3	26.2	--
	Cleaning of Heat Transfer Equipment (i)	15.5	9.5	24.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15.1	9.0	28.5	--
	Keep an Inventory of All Motors	19.5	7.8	37.4	--
	Identify the Major Energy Consuming Pumps (k)	8.2	14.8	24.9	--
	Detect and Control Compressed Air Leaks (l)	11.9	10.8	25.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.6	15.8	24.3	--
311221	Wet Corn Milling				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
31131	Sugar				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	X	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	X	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	X	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	X	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	X	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
3114	Fruit and Vegetable Preserving and Specialty Foods				
	Full-Time Energy Manager (c)	5.2	13.3	39.3	--
	Set Goals for Improving Energy Efficiency	12.3	12.3	35.9	--
	Measure and Monitor Steam Used (d)	14.1	17.7	28.2	22.3
	Dedicated Staff that Performs Insulation Inspections (e)	13.4	16.5	39.4	24.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	16.4	14.4	34.5	22.5
	Maintaining a Steam Trap Database	11.3	14.3	25.6	22.5
	Annual Inspections and Repairs of Steam Leaks	37.7	9.7	37.8	22.8
	Measure Oxygen and Carbon Dioxide Levels (f)	14.8	11.3	30.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	8.7	17.2	28.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	19.3	10.0	28.3	--
	Cleaning of Heat Transfer Equipment (i)	23.1	9.3	26.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	22.3	8.7	27.7	--
	Keep an Inventory of All Motors	14.5	12.1	26.3	--
	Identify the Major Energy Consuming Pumps (k)	8.7	20.3	23.7	--
	Detect and Control Compressed Air Leaks (l)	12.5	14.5	24.6	--
	Track the Amount of Energy Spent in Compressed Air Systems	5.8	27.3	30.2	--
3115	Dairy Products				
	Full-Time Energy Manager (c)	3.8	12.3	33.7	--
	Set Goals for Improving Energy Efficiency	10.7	8.7	28.7	--
	Measure and Monitor Steam Used (d)	7.4	13.1	24.4	31.2
	Dedicated Staff that Performs Insulation Inspections (e)	7.3	12.4	28.8	30.8
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	11.9	9.1	26.6	32.1
	Maintaining a Steam Trap Database	7.3	10.8	25.7	31.2
	Annual Inspections and Repairs of Steam Leaks	17.9	5.5	38.9	34.0
	Measure Oxygen and Carbon Dioxide Levels (f)	14.1	6.7	20.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6.2	10.3	28.3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	16.5	6.4	24.7	--
	Cleaning of Heat Transfer Equipment (i)	21.2	4.7	26.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	20.2	4.7	30.2	--
	Keep an Inventory of All Motors	10.6	8.0	22.2	--
	Identify the Major Energy Consuming Pumps (k)	5.9	12.8	23.9	--
	Detect and Control Compressed Air Leaks (l)	6.6	10.5	23.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.3	12.0	23.3	--
3116	Animal Slaughtering and Processing				
	Full-Time Energy Manager (c)	3.3	18.9	28.0	--
	Set Goals for Improving Energy Efficiency	9.8	8.6	24.5	--
	Measure and Monitor Steam Used (d)	9.5	12.9	25.8	12.1
	Dedicated Staff that Performs Insulation Inspections (e)	10.1	13.3	25.1	14.8
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14.0	10.9	21.4	13.2
	Maintaining a Steam Trap Database	9.9	13.1	19.2	13.2
	Annual Inspections and Repairs of Steam Leaks	23.7	8.6	24.0	12.9
	Measure Oxygen and Carbon Dioxide Levels (f)	11.0	9.0	19.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.7	17.1	19.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	11.5	8.5	19.8	--
	Cleaning of Heat Transfer Equipment (i)	13.3	7.6	20.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16.1	6.5	20.5	--
	Keep an Inventory of All Motors	10.5	8.7	19.3	--
	Identify the Major Energy Consuming Pumps (k)	5.1	15.8	20.8	--
	Detect and Control Compressed Air Leaks (l)	7.6	10.6	22.6	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.9	15.8	21.4	--
312	BEVERAGE AND TOBACCO PRODUCTS				
	Full-Time Energy Manager (c)	4.2	19.5	41.6	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Set Goals for Improving Energy Efficiency	9.1	10.4	39.5	--
	Measure and Monitor Steam Used (d)	12.6	21.5	32.8	8.9
	Dedicated Staff that Performs Insulation Inspections (e)	12.8	17.1	37.1	9.2
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	15.6	14.8	29.6	8.6
	Maintaining a Steam Trap Database	13.1	8.4	29.0	8.6
	Annual Inspections and Repairs of Steam Leaks	21.3	13.5	32.9	8.3
	Measure Oxygen and Carbon Dioxide Levels (f)	4.8	13.6	24.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.3	23.9	29.7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	10.1	10.0	30.7	--
	Cleaning of Heat Transfer Equipment (i)	12.4	8.8	26.2	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	11.7	9.6	25.8	--
	Keep an Inventory of All Motors	7.9	12.4	31.1	--
	Identify the Major Energy Consuming Pumps (k)	4.1	15.9	39.6	--
	Detect and Control Compressed Air Leaks (l)	5.4	14.3	36.6	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.1	18.7	34.4	--
3121	Beverages				
	Full-Time Energy Manager (c)	4.4	20.3	44.4	--
	Set Goals for Improving Energy Efficiency	9.4	10.6	43.4	--
	Measure and Monitor Steam Used (d)	13.0	25.0	36.3	9.0
	Dedicated Staff that Performs Insulation Inspections (e)	13.3	19.3	39.0	9.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	16.1	17.0	31.0	8.7
	Maintaining a Steam Trap Database	13.8	9.9	30.5	8.7
	Annual Inspections and Repairs of Steam Leaks	21.6	15.0	34.8	8.4
	Measure Oxygen and Carbon Dioxide Levels (f)	4.9	15.0	25.9	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.4	25.8	31.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	10.3	10.5	32.8	--
	Cleaning of Heat Transfer Equipment (i)	12.7	9.2	27.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	11.9	10.1	26.6	--
	Keep an Inventory of All Motors	8.1	12.8	33.5	--
	Identify the Major Energy Consuming Pumps (k)	4.2	16.4	43.7	--
	Detect and Control Compressed Air Leaks (l)	5.6	15.2	38.7	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.2	19.5	37.2	--
3122	Tobacco				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
313	TEXTILE MILLS				
	Full-Time Energy Manager (c)	6.3	20.9	34.3	--
	Set Goals for Improving Energy Efficiency	13.7	14.6	26.3	--
	Measure and Monitor Steam Used (d)	16.1	20.1	33.5	13.3
	Dedicated Staff that Performs Insulation Inspections (e)	16.0	23.0	36.4	13.6
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	18.5	19.0	36.2	13.7
	Maintaining a Steam Trap Database	15.4	26.1	33.5	13.7
	Annual Inspections and Repairs of Steam Leaks	30.4	14.2	38.8	13.8
	Measure Oxygen and Carbon Dioxide Levels (f)	12.0	16.7	24.1	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	8.2	27.2	24.6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	17.5	12.9	20.3	--
	Cleaning of Heat Transfer Equipment (i)	18.7	12.1	21.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	21.5	11.6	21.4	--
	Keep an Inventory of All Motors	15.7	13.8	22.8	--
	Identify the Major Energy Consuming Pumps (k)	10.3	18.4	29.6	--
	Detect and Control Compressed Air Leaks (l)	12.5	15.3	27.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	8.0	24.5	31.3	--
314	TEXTILE PRODUCT MILLS				
	Full-Time Energy Manager (c)	12.3	61.4	35.8	--
	Set Goals for Improving Energy Efficiency	16.3	34.2	35.8	--
	Measure and Monitor Steam Used (d)	32.4	36.7	35.8	17.6
	Dedicated Staff that Performs Insulation Inspections (e)	34.0	36.6	35.4	16.8

RSE Table 8.4 Relative Standard Errors for Table 8.4;
Unit: Percents.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	39.8	33.3	35.5	15.2
	Maintaining a Steam Trap Database	39.5	37.8	35.5	15.2
	Annual Inspections and Repairs of Steam Leaks	41.4	31.7	35.8	15.1
	Measure Oxygen and Carbon Dioxide Levels (f)	13.9	57.4	30.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	11.2	80.6	35.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	17.0	31.1	35.8	--
	Cleaning of Heat Transfer Equipment (i)	18.1	35.3	29.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	17.0	33.8	32.3	--
	Keep an Inventory of All Motors	15.4	41.9	31.9	--
	Identify the Major Energy Consuming Pumps (k)	10.2	42.8	35.8	--
	Detect and Control Compressed Air Leaks (l)	15.6	35.4	35.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	10.6	62.1	35.8	--
315	APPAREL				
	Full-Time Energy Manager (c)	8.4	61.9	58.7	--
	Set Goals for Improving Energy Efficiency	20.4	36.8	30.5	--
	Measure and Monitor Steam Used (d)	20.6	80.1	49.9	33.0
	Dedicated Staff that Performs Insulation Inspections (e)	22.6	42.4	52.3	32.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	31.1	57.2	44.1	32.7
	Maintaining a Steam Trap Database	24.8	79.2	50.8	32.8
	Annual Inspections and Repairs of Steam Leaks	32.8	50.3	44.1	32.7
	Measure Oxygen and Carbon Dioxide Levels (f)	18.7	50.9	30.5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	17.9	57.1	30.7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	22.7	34.5	30.7	--
	Cleaning of Heat Transfer Equipment (i)	27.6	32.2	36.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	30.2	36.5	28.7	--
	Keep an Inventory of All Motors	18.7	51.0	32.0	--
	Identify the Major Energy Consuming Pumps (k)	20.1	44.4	26.0	--
	Detect and Control Compressed Air Leaks (l)	22.2	41.9	28.5	--
	Track the Amount of Energy Spent in Compressed Air Systems	18.4	64.0	30.6	--
316	LEATHER AND ALLIED PRODUCTS				
	Full-Time Energy Manager (c)	7.3	28.7	50.6	--
	Set Goals for Improving Energy Efficiency	8.4	23.7	46.9	--
	Measure and Monitor Steam Used (d)	26.2	28.7	50.6	20.0
	Dedicated Staff that Performs Insulation Inspections (e)	25.1	27.3	48.2	20.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	35.1	33.1	48.2	19.8
	Maintaining a Steam Trap Database	28.9	17.6	40.8	19.8
	Annual Inspections and Repairs of Steam Leaks	37.1	31.2	48.2	19.8
	Measure Oxygen and Carbon Dioxide Levels (f)	9.9	37.1	35.2	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	7.8	X	37.7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	19.6	31.8	31.1	--
	Cleaning of Heat Transfer Equipment (i)	21.2	29.9	29.9	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	23.1	28.2	28.9	--
	Keep an Inventory of All Motors	11.0	27.1	37.3	--
	Identify the Major Energy Consuming Pumps (k)	8.6	24.5	43.5	--
	Detect and Control Compressed Air Leaks (l)	17.6	33.5	37.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	7.4	28.6	46.6	--
321	WOOD PRODUCTS				
	Full-Time Energy Manager (c)	2.4	17.5	19.1	--
	Set Goals for Improving Energy Efficiency	5.0	10.9	13.9	--
	Measure and Monitor Steam Used (d)	11.1	9.7	18.3	4.5
	Dedicated Staff that Performs Insulation Inspections (e)	10.8	11.0	18.0	5.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13.4	12.5	17.1	4.4
	Maintaining a Steam Trap Database	10.8	18.0	15.8	4.6
	Annual Inspections and Repairs of Steam Leaks	17.1	10.1	17.9	4.5
	Measure Oxygen and Carbon Dioxide Levels (f)	4.2	10.5	11.2	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.8	9.5	12.6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	6.5	8.4	12.4	--
	Cleaning of Heat Transfer Equipment (i)	6.8	8.4	11.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6.6	8.0	10.7	--
	Keep an Inventory of All Motors	6.4	8.3	13.4	--
	Identify the Major Energy Consuming Pumps (k)	3.9	11.9	12.3	--
	Detect and Control Compressed Air Leaks (l)	5.5	9.6	13.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.9	16.4	13.7	--
321113	Sawmills				
	Full-Time Energy Manager (c)	3.5	13.1	19.6	--
	Set Goals for Improving Energy Efficiency	7.1	10.5	14.5	--
	Measure and Monitor Steam Used (d)	10.9	9.3	19.3	7.5
	Dedicated Staff that Performs Insulation Inspections (e)	10.8	9.0	18.0	7.4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13.3	8.6	18.1	7.3
	Maintaining a Steam Trap Database	10.0	8.9	15.4	7.4

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Annual Inspections and Repairs of Steam Leaks	16.5	9.9	18.2	7.2
	Measure Oxygen and Carbon Dioxide Levels (f)	6.9	8.2	12.9	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5.1	11.6	12.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	9.1	9.5	13.0	--
	Cleaning of Heat Transfer Equipment (i)	9.6	8.9	13.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9.5	8.2	12.5	--
	Keep an Inventory of All Motors	9.3	8.5	14.0	--
	Identify the Major Energy Consuming Pumps (k)	5.4	11.3	12.5	--
	Detect and Control Compressed Air Leaks (l)	7.2	9.9	13.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.5	15.1	13.4	--
3212	Veneer, Plywood, and Engineered Woods				
	Full-Time Energy Manager (c)	1.9	11.2	22.5	--
	Set Goals for Improving Energy Efficiency	7.2	16.1	24.7	--
	Measure and Monitor Steam Used (d)	20.5	9.5	27.0	7.1
	Dedicated Staff that Performs Insulation Inspections (e)	17.7	13.2	22.9	7.7
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	24.6	22.2	19.2	7.3
	Maintaining a Steam Trap Database	18.7	40.9	25.2	8.0
	Annual Inspections and Repairs of Steam Leaks	34.9	17.8	19.6	7.3
	Measure Oxygen and Carbon Dioxide Levels (f)	7.4	16.9	20.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.6	9.5	19.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	11.5	12.4	20.6	--
	Cleaning of Heat Transfer Equipment (i)	11.6	12.6	22.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	12.3	12.8	18.6	--
	Keep an Inventory of All Motors	12.3	12.2	23.3	--
	Identify the Major Energy Consuming Pumps (k)	4.0	11.3	22.0	--
	Detect and Control Compressed Air Leaks (l)	7.0	16.0	17.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.5	16.2	16.9	--
321219	Reconstituted Wood Products				
	Full-Time Energy Manager (c)	1.3	13.5	13.5	--
	Set Goals for Improving Energy Efficiency	23.7	19.8	44.0	--
	Measure and Monitor Steam Used (d)	20.2	16.9	47.1	11.5
	Dedicated Staff that Performs Insulation Inspections (e)	24.7	14.4	52.5	22.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	36.1	14.1	41.5	20.7
	Maintaining a Steam Trap Database	27.8	14.3	31.4	20.7
	Annual Inspections and Repairs of Steam Leaks	59.1	19.1	46.9	22.6
	Measure Oxygen and Carbon Dioxide Levels (f)	24.9	21.2	33.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	11.7	15.8	33.6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	37.3	16.0	37.2	--
	Cleaning of Heat Transfer Equipment (i)	40.3	16.0	37.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	37.4	16.6	37.6	--
	Keep an Inventory of All Motors	33.9	16.4	35.6	--
	Identify the Major Energy Consuming Pumps (k)	9.8	14.4	28.1	--
	Detect and Control Compressed Air Leaks (l)	20.8	23.6	32.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	7.8	18.4	29.4	--
3219	Other Wood Products				
	Full-Time Energy Manager (c)	3.9	28.4	32.5	--
	Set Goals for Improving Energy Efficiency	7.8	17.6	23.1	--
	Measure and Monitor Steam Used (d)	18.2	34.1	32.8	6.7
	Dedicated Staff that Performs Insulation Inspections (e)	17.7	28.3	31.3	7.4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	20.8	31.9	33.8	6.4
	Maintaining a Steam Trap Database	18.4	51.9	28.8	6.7
	Annual Inspections and Repairs of Steam Leaks	24.9	24.5	30.5	6.6
	Measure Oxygen and Carbon Dioxide Levels (f)	6.1	26.0	18.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5.9	34.0	19.5	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	9.4	16.2	18.6	--
	Cleaning of Heat Transfer Equipment (i)	10.1	16.9	15.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9.6	17.1	15.0	--
	Keep an Inventory of All Motors	9.4	15.1	20.2	--
	Identify the Major Energy Consuming Pumps (k)	6.1	29.2	18.8	--
	Detect and Control Compressed Air Leaks (l)	9.1	15.5	19.6	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.7	36.4	23.2	--
322	PAPER				
	Full-Time Energy Manager (c)	4.3	19.3	36.0	--
	Set Goals for Improving Energy Efficiency	9.3	13.5	28.5	--
	Measure and Monitor Steam Used (d)	16.8	10.8	32.5	10.2
	Dedicated Staff that Performs Insulation Inspections (e)	15.1	21.5	29.6	10.8
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	20.9	15.5	33.1	9.4
	Maintaining a Steam Trap Database	16.0	15.9	25.1	10.0
	Annual Inspections and Repairs of Steam Leaks	30.1	12.9	33.4	9.4
	Measure Oxygen and Carbon Dioxide Levels (f)	8.5	14.0	21.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5.2	16.8	24.3	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;
Unit: Percents.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	13.8	11.8	22.1	--
	Cleaning of Heat Transfer Equipment (i)	13.5	12.4	20.2	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15.9	11.3	20.5	--
	Keep an Inventory of All Motors	11.7	12.0	27.2	--
	Identify the Major Energy Consuming Pumps (k)	6.7	17.8	23.7	--
	Detect and Control Compressed Air Leaks (l)	10.5	14.6	23.2	--
	Track the Amount of Energy Spent in Compressed Air Systems	5.0	22.9	25.3	--
322110	Pulp Mills				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
322121	Paper Mills, except Newsprint				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
322122	Newsprint Mills				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
322130	Paperboard Mills				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
323	PRINTING AND RELATED SUPPORT				
	Full-Time Energy Manager (c)	2.7	32.0	21.4	--
	Set Goals for Improving Energy Efficiency	4.8	15.0	17.8	--
	Measure and Monitor Steam Used (d)	14.5	51.2	24.5	4.5
	Dedicated Staff that Performs Insulation Inspections (e)	14.3	56.9	23.5	4.5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	16.5	49.8	21.3	4.4
	Maintaining a Steam Trap Database	16.4	64.6	19.4	4.5
	Annual Inspections and Repairs of Steam Leaks	17.1	43.3	19.3	4.5
	Measure Oxygen and Carbon Dioxide Levels (f)	4.4	26.3	13.1	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.1	38.1	13.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	6.9	11.3	14.1	--
	Cleaning of Heat Transfer Equipment (i)	7.0	11.8	13.1	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7.4	11.8	12.0	--
	Keep an Inventory of All Motors	5.2	15.9	14.9	--
	Identify the Major Energy Consuming Pumps (k)	4.1	25.8	14.8	--
	Detect and Control Compressed Air Leaks (l)	4.4	17.6	17.5	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.0	31.3	17.8	--
324	PETROLEUM AND COAL PRODUCTS				
	Full-Time Energy Manager (c)	3.0	7.4	23.5	--
	Set Goals for Improving Energy Efficiency	6.8	5.2	16.2	--
	Measure and Monitor Steam Used (d)	7.9	6.0	25.4	4.1
	Dedicated Staff that Performs Insulation Inspections (e)	8.7	11.9	28.2	4.2
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	10.8	9.8	28.8	4.1
	Maintaining a Steam Trap Database	8.4	9.8	27.3	4.1
	Annual Inspections and Repairs of Steam Leaks	16.0	7.4	28.7	4.1
	Measure Oxygen and Carbon Dioxide Levels (f)	7.7	4.6	11.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.5	6.1	13.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	9.9	4.6	14.9	--
	Cleaning of Heat Transfer Equipment (i)	10.6	4.3	13.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	11.6	3.5	14.2	--
	Keep an Inventory of All Motors	8.2	5.0	14.1	--
	Identify the Major Energy Consuming Pumps (k)	3.9	9.1	11.5	--
	Detect and Control Compressed Air Leaks (l)	4.2	10.3	12.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.5	11.0	13.5	--
324110	Petroleum Refineries				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
324121	Asphalt Paving Mixture and Block				
	Full-Time Energy Manager (c)	4.4	11.3	26.4	--
	Set Goals for Improving Energy Efficiency	9.0	6.4	17.8	--
	Measure and Monitor Steam Used (d)	11.9	35.1	30.5	3.8
	Dedicated Staff that Performs Insulation Inspections (e)	11.3	20.5	33.8	3.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13.4	18.2	35.3	3.8
	Maintaining a Steam Trap Database	11.6	38.6	34.8	3.8
	Annual Inspections and Repairs of Steam Leaks	15.9	15.5	33.7	3.8
	Measure Oxygen and Carbon Dioxide Levels (f)	11.4	5.7	13.1	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.8	11.5	15.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	11.9	5.9	14.8	--
	Cleaning of Heat Transfer Equipment (i)	13.5	5.8	14.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	12.8	4.5	16.1	--
	Keep an Inventory of All Motors	9.2	6.2	15.8	--
	Identify the Major Energy Consuming Pumps (k)	5.1	14.1	13.3	--

**RSE Table 8.4 Relative Standard Errors for Table 8.4;
 Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Detect and Control Compressed Air Leaks (l)	5.5	13.5	14.6	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.6	30.9	16.0	--
324199	Other Petroleum and Coal Products				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325	CHEMICALS				
	Full-Time Energy Manager (c)	3.0	11.8	24.1	--
	Set Goals for Improving Energy Efficiency	6.6	7.5	19.7	--
	Measure and Monitor Steam Used (d)	9.6	9.2	22.0	6.8
	Dedicated Staff that Performs Insulation Inspections (e)	8.9	10.6	23.3	7.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	11.3	10.1	20.2	6.6
	Maintaining a Steam Trap Database	9.7	9.4	17.2	6.8
	Annual Inspections and Repairs of Steam Leaks	18.1	7.9	20.4	6.6
	Measure Oxygen and Carbon Dioxide Levels (f)	5.4	8.4	14.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.7	9.8	16.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	8.7	6.5	16.3	--
	Cleaning of Heat Transfer Equipment (i)	8.6	6.5	16.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	10.0	6.0	16.3	--
	Keep an Inventory of All Motors	7.8	6.9	16.8	--
	Identify the Major Energy Consuming Pumps (k)	4.9	10.7	15.5	--
	Detect and Control Compressed Air Leaks (l)	5.1	10.4	17.2	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.2	14.3	16.7	--
325110	Petrochemicals				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325120	Industrial Gases				
	Full-Time Energy Manager (c)	30.8	17.0	24.9	--
	Set Goals for Improving Energy Efficiency	44.5	16.9	20.6	--
	Measure and Monitor Steam Used (d)	84.3	15.8	21.0	12.9
	Dedicated Staff that Performs Insulation Inspections (e)	55.6	14.1	21.0	16.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	84.3	15.8	21.0	12.9
	Maintaining a Steam Trap Database	87.8	15.4	21.0	12.9
	Annual Inspections and Repairs of Steam Leaks	87.8	15.4	21.0	12.9
	Measure Oxygen and Carbon Dioxide Levels (f)	10.2	14.1	20.3	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13.1	83.7	20.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	25.8	23.0	20.6	--
	Cleaning of Heat Transfer Equipment (i)	18.5	36.4	20.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	39.1	18.5	20.5	--
	Keep an Inventory of All Motors	21.6	9.9	20.6	--
	Identify the Major Energy Consuming Pumps (k)	31.5	22.1	20.5	--
	Detect and Control Compressed Air Leaks (l)	15.4	55.3	20.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	13.9	52.6	20.2	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
325181	Alkalies and Chlorine				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325182	Carbon Black				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325188	Other Basic Inorganic Chemicals				
	Full-Time Energy Manager (c)	5.8	27.4	29.4	--
	Set Goals for Improving Energy Efficiency	15.0	14.9	11.6	--
	Measure and Monitor Steam Used (d)	22.1	18.5	27.6	17.9
	Dedicated Staff that Performs Insulation Inspections (e)	17.3	23.5	11.6	18.1
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	18.5	23.7	36.1	18.0
	Maintaining a Steam Trap Database	16.1	22.5	13.7	18.0
	Annual Inspections and Repairs of Steam Leaks	18.3	14.4	16.3	18.0
	Measure Oxygen and Carbon Dioxide Levels (f)	14.3	17.4	57.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6.5	20.7	18.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	29.3	9.1	66.6	--
	Cleaning of Heat Transfer Equipment (i)	22.2	11.7	35.5	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	32.2	8.8	24.0	--
	Keep an Inventory of All Motors	16.6	14.4	39.8	--
	Identify the Major Energy Consuming Pumps (k)	8.4	20.9	38.0	--
	Detect and Control Compressed Air Leaks (l)	10.9	22.7	52.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	7.4	29.2	59.1	--
325192	Cyclic Crudes and Intermediates				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	X	--
	Measure and Monitor Steam Used (d)	0.0	0.0	X	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	X	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	X	0.0
	Annual Inspections and Repairs of Steam Leaks	X	0.0	X	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	X	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	X	--
	Keep an Inventory of All Motors	0.0	0.0	X	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	X	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325193	Ethyl Alcohol				
	Full-Time Energy Manager (c)	3.1	14.2	37.5	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Set Goals for Improving Energy Efficiency	7.0	2.8	4.3	--
	Measure and Monitor Steam Used (d)	17.6	6.3	4.3	17.3
	Dedicated Staff that Performs Insulation Inspections (e)	8.2	7.5	4.3	17.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	11.8	6.4	10.7	17.3
	Maintaining a Steam Trap Database	10.0	8.1	20.2	18.9
	Annual Inspections and Repairs of Steam Leaks	14.8	2.1	17.5	17.3
	Measure Oxygen and Carbon Dioxide Levels (f)	31.1	4.4	4.3	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5.9	5.1	34.1	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	5.8	4.4	32.2	--
	Cleaning of Heat Transfer Equipment (i)	7.9	0.7	4.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7.5	1.1	4.9	--
	Keep an Inventory of All Motors	4.3	0.3	4.3	--
	Identify the Major Energy Consuming Pumps (k)	8.5	7.1	17.3	--
	Detect and Control Compressed Air Leaks (l)	5.5	6.2	19.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.9	16.5	20.5	--
325199	Other Basic Organic Chemicals				
	Full-Time Energy Manager (c)	9.5	24.7	46.8	--
	Set Goals for Improving Energy Efficiency	22.3	13.9	47.7	--
	Measure and Monitor Steam Used (d)	22.9	17.0	55.0	32.4
	Dedicated Staff that Performs Insulation Inspections (e)	16.8	20.3	24.7	33.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	23.4	18.3	36.3	33.3
	Maintaining a Steam Trap Database	21.4	18.8	31.7	37.0
	Annual Inspections and Repairs of Steam Leaks	29.6	11.8	42.8	33.3
	Measure Oxygen and Carbon Dioxide Levels (f)	24.4	13.5	35.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	11.9	22.5	40.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	25.9	8.9	35.6	--
	Cleaning of Heat Transfer Equipment (i)	29.1	6.4	40.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	39.9	6.0	44.3	--
	Keep an Inventory of All Motors	29.1	10.5	41.0	--
	Identify the Major Energy Consuming Pumps (k)	17.2	17.5	36.2	--
	Detect and Control Compressed Air Leaks (l)	11.0	24.3	48.7	--
	Track the Amount of Energy Spent in Compressed Air Systems	8.2	26.7	45.4	--
325211	Plastics Materials and Resins				
	Full-Time Energy Manager (c)	5.2	12.7	42.9	--
	Set Goals for Improving Energy Efficiency	10.4	14.5	39.8	--
	Measure and Monitor Steam Used (d)	17.6	13.1	45.3	12.6
	Dedicated Staff that Performs Insulation Inspections (e)	16.0	19.1	41.0	12.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	18.2	17.6	39.1	12.4
	Maintaining a Steam Trap Database	17.5	13.3	33.3	12.4
	Annual Inspections and Repairs of Steam Leaks	26.5	14.1	37.4	12.4
	Measure Oxygen and Carbon Dioxide Levels (f)	8.9	15.6	28.6	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6.0	13.7	30.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	15.5	12.7	26.0	--
	Cleaning of Heat Transfer Equipment (i)	15.5	12.8	25.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16.9	10.4	30.6	--
	Keep an Inventory of All Motors	16.3	12.4	25.2	--
	Identify the Major Energy Consuming Pumps (k)	8.6	17.7	29.3	--
	Detect and Control Compressed Air Leaks (l)	11.9	15.6	30.1	--
	Track the Amount of Energy Spent in Compressed Air Systems	7.2	23.4	30.3	--
325212	Synthetic Rubber				
	Full-Time Energy Manager (c)	3.0	14.4	23.7	--
	Set Goals for Improving Energy Efficiency	12.7	14.6	16.7	--
	Measure and Monitor Steam Used (d)	13.6	17.1	23.7	10.8
	Dedicated Staff that Performs Insulation Inspections (e)	14.2	15.9	23.7	11.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	15.8	15.2	23.7	10.8
	Maintaining a Steam Trap Database	14.8	17.1	21.3	10.8
	Annual Inspections and Repairs of Steam Leaks	16.5	15.0	23.7	10.8
	Measure Oxygen and Carbon Dioxide Levels (f)	6.5	16.0	15.3	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2.9	15.5	17.9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	9.6	14.8	23.7	--
	Cleaning of Heat Transfer Equipment (i)	11.7	15.0	19.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.2	14.3	20.8	--
	Keep an Inventory of All Motors	12.2	15.1	17.5	--
	Identify the Major Energy Consuming Pumps (k)	7.1	15.3	14.7	--
	Detect and Control Compressed Air Leaks (l)	4.8	14.9	15.2	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.2	15.3	18.1	--
325222	Noncellulosic Organic Fibers				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0

RSE Table 8.4 Relative Standard Errors for Table 8.4;
Unit: Percents.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325311	Nitrogenous Fertilizers				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
325312	Phosphatic Fertilizers				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
3254	Pharmaceuticals and Medicines				
	Full-Time Energy Manager (c)	2.9	11.2	50.1	--
	Set Goals for Improving Energy Efficiency	6.8	10.7	38.8	--
	Measure and Monitor Steam Used (d)	9.8	29.2	45.8	14.4
	Dedicated Staff that Performs Insulation Inspections (e)	10.6	15.5	47.9	16.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	17.0	12.1	40.8	14.3
	Maintaining a Steam Trap Database	11.5	11.8	35.7	15.5
	Annual Inspections and Repairs of Steam Leaks	28.5	9.8	35.8	15.6
	Measure Oxygen and Carbon Dioxide Levels (f)	10.7	11.0	22.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5.0	9.2	25.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	14.2	8.8	29.9	--
	Cleaning of Heat Transfer Equipment (i)	16.7	8.4	30.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	17.6	8.1	30.4	--
	Keep an Inventory of All Motors	10.3	11.4	29.7	--
	Identify the Major Energy Consuming Pumps (k)	6.0	12.7	28.7	--
	Detect and Control Compressed Air Leaks (l)	8.0	13.9	30.7	--
	Track the Amount of Energy Spent in Compressed Air Systems	5.3	13.3	30.2	--
325412	Pharmaceutical Preparation				
	Full-Time Energy Manager (c)	3.1	15.7	29.1	--
	Set Goals for Improving Energy Efficiency	10.8	13.7	54.3	--
	Measure and Monitor Steam Used (d)	13.0	40.2	16.9	18.7
	Dedicated Staff that Performs Insulation Inspections (e)	13.8	20.9	19.8	22.4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	22.3	15.0	19.0	18.5
	Maintaining a Steam Trap Database	15.0	14.6	45.8	21.6

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Annual Inspections and Repairs of Steam Leaks	37.8	12.4	53.3	21.2
	Measure Oxygen and Carbon Dioxide Levels (f)	19.0	13.1	30.5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	7.4	12.1	34.5	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	17.8	13.0	40.2	--
	Cleaning of Heat Transfer Equipment (i)	22.9	11.2	41.7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	28.2	10.5	42.8	--
	Keep an Inventory of All Motors	12.2	16.4	45.5	--
	Identify the Major Energy Consuming Pumps (k)	6.6	16.2	38.6	--
	Detect and Control Compressed Air Leaks (l)	11.1	18.1	37.5	--
	Track the Amount of Energy Spent in Compressed Air Systems	7.0	13.1	39.7	--
325992	Photographic Film, Paper, Plate, and Chemicals				
	Full-Time Energy Manager (c)	2.9	14.1	14.1	--
	Set Goals for Improving Energy Efficiency	19.0	20.7	14.1	--
	Measure and Monitor Steam Used (d)	16.5	16.6	14.1	8.1
	Dedicated Staff that Performs Insulation Inspections (e)	18.0	14.1	14.1	11.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	18.3	14.1	14.1	8.1
	Maintaining a Steam Trap Database	16.9	15.4	14.1	8.5
	Annual Inspections and Repairs of Steam Leaks	20.2	14.1	14.1	8.5
	Measure Oxygen and Carbon Dioxide Levels (f)	8.0	19.9	14.1	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.7	14.1	14.1	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	28.6	15.7	48.8	--
	Cleaning of Heat Transfer Equipment (i)	29.0	15.4	42.9	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	26.6	14.6	42.6	--
	Keep an Inventory of All Motors	17.7	20.2	37.9	--
	Identify the Major Energy Consuming Pumps (k)	15.0	16.6	46.1	--
	Detect and Control Compressed Air Leaks (l)	15.5	16.4	48.6	--
	Track the Amount of Energy Spent in Compressed Air Systems	16.8	15.2	39.5	--
326	PLASTICS AND RUBBER PRODUCTS				
	Full-Time Energy Manager (c)	3.6	21.9	29.3	--
	Set Goals for Improving Energy Efficiency	7.2	11.1	24.5	--
	Measure and Monitor Steam Used (d)	20.5	32.2	36.8	4.4
	Dedicated Staff that Performs Insulation Inspections (e)	18.8	30.5	31.5	5.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	25.5	25.0	32.8	4.4
	Maintaining a Steam Trap Database	20.3	37.9	29.1	4.5
	Annual Inspections and Repairs of Steam Leaks	30.2	21.9	30.4	4.6
	Measure Oxygen and Carbon Dioxide Levels (f)	4.8	20.5	18.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.5	35.4	19.9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	8.6	9.7	23.2	--
	Cleaning of Heat Transfer Equipment (i)	9.4	9.2	21.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	11.4	8.0	19.9	--
	Keep an Inventory of All Motors	7.6	11.2	21.3	--
	Identify the Major Energy Consuming Pumps (k)	5.7	14.9	22.9	--
	Detect and Control Compressed Air Leaks (l)	8.1	9.7	26.9	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.2	21.5	21.9	--
327	NONMETALLIC MINERAL PRODUCTS				
	Full-Time Energy Manager (c)	3.1	20.3	21.2	--
	Set Goals for Improving Energy Efficiency	5.5	10.6	18.3	--
	Measure and Monitor Steam Used (d)	13.5	59.9	25.7	4.4
	Dedicated Staff that Performs Insulation Inspections (e)	13.2	52.7	24.5	4.6
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14.3	47.3	24.2	4.3
	Maintaining a Steam Trap Database	13.6	14.3	24.6	4.3
	Annual Inspections and Repairs of Steam Leaks	18.1	23.3	24.0	4.4
	Measure Oxygen and Carbon Dioxide Levels (f)	4.4	15.2	13.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.7	18.2	15.3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7.9	8.7	14.1	--
	Cleaning of Heat Transfer Equipment (i)	7.6	9.3	13.7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	8.1	8.6	13.7	--
	Keep an Inventory of All Motors	6.9	9.0	16.6	--
	Identify the Major Energy Consuming Pumps (k)	4.4	17.4	14.0	--
	Detect and Control Compressed Air Leaks (l)	5.5	11.4	16.9	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.2	23.4	16.1	--
327121	Brick and Structural Clay Tile				
	Full-Time Energy Manager (c)	6.8	6.7	33.4	--
	Set Goals for Improving Energy Efficiency	11.8	5.7	44.2	--
	Measure and Monitor Steam Used (d)	8.1	4.8	54.4	5.6
	Dedicated Staff that Performs Insulation Inspections (e)	7.9	4.8	48.3	5.8
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	8.6	4.8	54.4	5.6
	Maintaining a Steam Trap Database	8.1	X	49.4	5.6
	Annual Inspections and Repairs of Steam Leaks	8.6	4.8	54.4	5.6
	Measure Oxygen and Carbon Dioxide Levels (f)	8.3	6.4	26.2	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13.2	6.3	29.5	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;
Unit: Percents.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	30.3	5.8	54.4	--
	Cleaning of Heat Transfer Equipment (i)	8.0	6.8	25.1	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	29.0	5.8	48.3	--
	Keep an Inventory of All Motors	13.8	5.8	31.2	--
	Identify the Major Energy Consuming Pumps (k)	7.4	7.0	29.0	--
	Detect and Control Compressed Air Leaks (l)	8.8	6.1	31.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	6.2	8.6	30.8	--
327211	Flat Glass				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	X	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	X	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	X	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	X	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
327212	Other Pressed and Blown Glass and Glassware				
	Full-Time Energy Manager (c)	5.9	21.2	19.3	--
	Set Goals for Improving Energy Efficiency	22.3	15.7	16.3	--
	Measure and Monitor Steam Used (d)	27.4	13.2	17.9	13.1
	Dedicated Staff that Performs Insulation Inspections (e)	27.0	70.2	16.3	16.2
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13.2	45.5	29.0	10.5
	Maintaining a Steam Trap Database	28.2	13.2	25.8	10.6
	Annual Inspections and Repairs of Steam Leaks	49.1	13.3	29.0	10.5
	Measure Oxygen and Carbon Dioxide Levels (f)	15.6	17.5	29.3	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	10.8	15.7	35.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	28.8	16.7	24.4	--
	Cleaning of Heat Transfer Equipment (i)	24.4	17.9	22.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	31.3	15.8	26.3	--
	Keep an Inventory of All Motors	21.6	17.5	24.3	--
	Identify the Major Energy Consuming Pumps (k)	16.1	36.6	27.1	--
	Detect and Control Compressed Air Leaks (l)	17.0	24.6	35.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	11.2	26.0	32.4	--
327213	Glass Containers				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
327215	Glass Products from Purchased Glass				
	Full-Time Energy Manager (c)	6.8	16.3	32.8	--
	Set Goals for Improving Energy Efficiency	10.1	14.1	24.8	--
	Measure and Monitor Steam Used (d)	27.1	X	32.0	5.4
	Dedicated Staff that Performs Insulation Inspections (e)	25.7	12.3	40.0	7.7
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	30.8	8.9	32.1	5.3
	Maintaining a Steam Trap Database	29.1	8.9	33.1	5.3
	Annual Inspections and Repairs of Steam Leaks	20.7	8.9	35.7	5.3
	Measure Oxygen and Carbon Dioxide Levels (f)	8.6	39.9	17.5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	7.3	18.3	23.7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	16.0	11.6	21.3	--
	Cleaning of Heat Transfer Equipment (i)	11.1	15.8	22.3	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;
Unit: Percents.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	13.7	12.1	23.8	--
	Keep an Inventory of All Motors	10.1	18.1	20.8	--
	Identify the Major Energy Consuming Pumps (k)	7.5	14.2	25.3	--
	Detect and Control Compressed Air Leaks (l)	9.9	19.9	21.1	--
	Track the Amount of Energy Spent in Compressed Air Systems	7.5	19.0	24.0	--
327310	Cements				
	Full-Time Energy Manager (c)	12.6	13.3	69.4	--
	Set Goals for Improving Energy Efficiency	27.8	13.7	67.1	--
	Measure and Monitor Steam Used (d)	16.4	13.2	78.0	10.6
	Dedicated Staff that Performs Insulation Inspections (e)	15.9	13.2	78.0	10.6
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13.2	45.4	73.5	10.5
	Maintaining a Steam Trap Database	17.0	13.2	73.5	10.5
	Annual Inspections and Repairs of Steam Leaks	13.2	34.2	73.6	10.6
	Measure Oxygen and Carbon Dioxide Levels (f)	26.9	14.4	73.6	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	19.6	13.5	73.5	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	38.8	15.1	62.6	--
	Cleaning of Heat Transfer Equipment (i)	22.1	13.5	48.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	46.2	14.3	47.0	--
	Keep an Inventory of All Motors	45.0	14.2	37.3	--
	Identify the Major Energy Consuming Pumps (k)	20.1	13.6	27.1	--
	Detect and Control Compressed Air Leaks (l)	17.0	16.6	69.5	--
	Track the Amount of Energy Spent in Compressed Air Systems	15.1	13.6	69.3	--
327410	Lime				
	Full-Time Energy Manager (c)	0.0	X	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	X	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	X	0.0	0.0
	Maintaining a Steam Trap Database	0.0	X	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	X	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
327420	Gypsum				
	Full-Time Energy Manager (c)	10.0	13.9	34.9	--
	Set Goals for Improving Energy Efficiency	21.7	5.8	30.3	--
	Measure and Monitor Steam Used (d)	15.5	13.9	13.9	5.7
	Dedicated Staff that Performs Insulation Inspections (e)	15.3	13.9	13.9	5.4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	15.3	13.9	13.9	5.0
	Maintaining a Steam Trap Database	15.2	13.9	13.9	5.0
	Annual Inspections and Repairs of Steam Leaks	15.0	18.8	13.9	5.3
	Measure Oxygen and Carbon Dioxide Levels (f)	20.9	13.9	62.9	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	19.3	13.9	59.3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	21.9	14.0	52.0	--
	Cleaning of Heat Transfer Equipment (i)	14.5	14.1	29.7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	19.6	13.9	30.4	--
	Keep an Inventory of All Motors	22.8	18.8	42.1	--
	Identify the Major Energy Consuming Pumps (k)	15.8	22.7	59.3	--
	Detect and Control Compressed Air Leaks (l)	16.0	21.9	62.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	18.3	13.9	60.0	--
327993	Mineral Wool				
	Full-Time Energy Manager (c)	5.5	20.3	41.7	--
	Set Goals for Improving Energy Efficiency	17.3	19.9	41.7	--
	Measure and Monitor Steam Used (d)	22.6	14.5	45.6	6.1
	Dedicated Staff that Performs Insulation Inspections (e)	23.4	15.4	50.6	5.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	22.7	26.7	50.6	5.9
	Maintaining a Steam Trap Database	19.5	39.7	39.6	5.9
	Annual Inspections and Repairs of Steam Leaks	27.8	22.6	50.6	5.9
	Measure Oxygen and Carbon Dioxide Levels (f)	10.5	23.4	30.3	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	20.1	32.9	42.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	49.0	15.9	58.3	--
	Cleaning of Heat Transfer Equipment (i)	35.3	16.1	56.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	52.4	16.0	56.3	--
	Keep an Inventory of All Motors	40.9	21.0	41.2	--
	Identify the Major Energy Consuming Pumps (k)	10.2	23.2	35.9	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Detect and Control Compressed Air Leaks (l)	9.1	18.9	33.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	5.4	15.5	41.7	--
331	PRIMARY METALS				
	Full-Time Energy Manager (c)	1.3	8.1	9.2	--
	Set Goals for Improving Energy Efficiency	3.8	5.2	11.1	--
	Measure and Monitor Steam Used (d)	8.4	6.6	9.7	2.5
	Dedicated Staff that Performs Insulation Inspections (e)	8.3	10.9	17.6	3.1
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	9.7	11.1	12.3	2.6
	Maintaining a Steam Trap Database	8.7	14.1	8.7	2.5
	Annual Inspections and Repairs of Steam Leaks	13.3	7.9	16.0	2.8
	Measure Oxygen and Carbon Dioxide Levels (f)	3.5	6.1	9.2	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2.5	6.1	11.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7.0	3.1	11.8	--
	Cleaning of Heat Transfer Equipment (i)	5.8	4.1	11.1	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7.6	3.4	12.1	--
	Keep an Inventory of All Motors	5.5	5.1	10.0	--
	Identify the Major Energy Consuming Pumps (k)	2.7	6.6	9.6	--
	Detect and Control Compressed Air Leaks (l)	3.4	5.6	11.9	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.3	9.2	12.1	--
33111	Iron and Steel Mills				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
33112	Electrometallurgical Ferroalloy Products				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	X	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	X	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	X	0.0
	Maintaining a Steam Trap Database	0.0	0.0	X	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	X	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	X	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	X	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	X	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
3312	Steel Products from Purchased Steel				
	Full-Time Energy Manager (c)	7.8	36.3	25.6	--
	Set Goals for Improving Energy Efficiency	12.3	20.3	21.3	--
	Measure and Monitor Steam Used (d)	20.4	31.1	26.1	8.1
	Dedicated Staff that Performs Insulation Inspections (e)	20.8	37.2	34.7	8.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	22.2	28.4	32.4	8.4
	Maintaining a Steam Trap Database	21.0	47.7	28.4	8.4
	Annual Inspections and Repairs of Steam Leaks	34.3	22.7	23.5	8.4
	Measure Oxygen and Carbon Dioxide Levels (f)	11.4	22.2	21.1	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.2	27.4	22.6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	21.7	13.4	22.8	--
	Cleaning of Heat Transfer Equipment (i)	17.2	17.1	21.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	24.9	13.2	23.3	--
	Keep an Inventory of All Motors	15.9	16.2	26.1	--
	Identify the Major Energy Consuming Pumps (k)	6.7	24.3	19.3	--
	Detect and Control Compressed Air Leaks (l)	8.9	18.7	21.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.0	34.9	20.0	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
3313	Alumina and Aluminum				
	Full-Time Energy Manager (c)	0.8	3.8	9.6	--
	Set Goals for Improving Energy Efficiency	3.7	4.7	12.9	--
	Measure and Monitor Steam Used (d)	30.0	5.0	8.7	11.6
	Dedicated Staff that Performs Insulation Inspections (e)	27.9	4.1	9.2	12.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	32.9	6.5	12.1	11.6
	Maintaining a Steam Trap Database	30.4	10.0	12.2	11.8
	Annual Inspections and Repairs of Steam Leaks	40.8	6.5	9.3	11.7
	Measure Oxygen and Carbon Dioxide Levels (f)	3.6	5.7	5.5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2.4	2.8	13.1	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7.2	3.8	12.1	--
	Cleaning of Heat Transfer Equipment (i)	4.9	4.5	10.5	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7.4	3.9	12.3	--
	Keep an Inventory of All Motors	20.4	16.3	10.4	--
	Identify the Major Energy Consuming Pumps (k)	2.5	7.7	9.5	--
	Detect and Control Compressed Air Leaks (l)	2.4	5.6	12.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	1.8	8.9	10.7	--
331314	Secondary Smelting and Alloying of Aluminum				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
331315	Aluminum Sheet, Plate and Foils				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
331316	Aluminum Extruded Products				
	Full-Time Energy Manager (c)	0.9	5.6	X	--
	Set Goals for Improving Energy Efficiency	8.3	9.4	26.7	--
	Measure and Monitor Steam Used (d)	8.4	X	5.6	2.3
	Dedicated Staff that Performs Insulation Inspections (e)	8.2	5.6	X	2.5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	9.4	8.3	5.6	2.4
	Maintaining a Steam Trap Database	8.4	5.6	5.6	2.4
	Annual Inspections and Repairs of Steam Leaks	12.2	7.3	5.6	2.4
	Measure Oxygen and Carbon Dioxide Levels (f)	6.5	14.1	7.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6.8	5.6	24.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	18.8	4.9	29.7	--
	Cleaning of Heat Transfer Equipment (i)	8.4	7.2	28.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.5	5.0	36.8	--
	Keep an Inventory of All Motors	8.3	7.3	29.1	--
	Identify the Major Energy Consuming Pumps (k)	5.6	13.2	30.0	--
	Detect and Control Compressed Air Leaks (l)	4.5	7.2	48.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.8	12.8	29.7	--
3314	Nonferrous Metals, except Aluminum				
	Full-Time Energy Manager (c)	3.2	25.0	23.2	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Set Goals for Improving Energy Efficiency	10.0	15.8	17.8	--
	Measure and Monitor Steam Used (d)	21.8	18.7	25.1	9.3
	Dedicated Staff that Performs Insulation Inspections (e)	20.2	19.2	26.2	10.2
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	25.5	15.8	32.3	10.0
	Maintaining a Steam Trap Database	22.1	12.8	19.0	9.3
	Annual Inspections and Repairs of Steam Leaks	37.4	17.1	25.6	9.3
	Measure Oxygen and Carbon Dioxide Levels (f)	11.4	19.2	24.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	8.3	22.7	27.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	15.9	13.9	26.9	--
	Cleaning of Heat Transfer Equipment (i)	15.7	14.0	26.2	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	17.5	12.2	32.0	--
	Keep an Inventory of All Motors	15.9	13.8	28.6	--
	Identify the Major Energy Consuming Pumps (k)	8.9	17.5	28.3	--
	Detect and Control Compressed Air Leaks (l)	9.5	19.4	27.9	--
	Track the Amount of Energy Spent in Compressed Air Systems	8.1	23.6	29.3	--
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
3315	Foundries				
	Full-Time Energy Manager (c)	1.6	11.8	20.2	--
	Set Goals for Improving Energy Efficiency	6.4	8.5	20.7	--
	Measure and Monitor Steam Used (d)	10.9	20.3	22.0	2.3
	Dedicated Staff that Performs Insulation Inspections (e)	14.0	18.8	36.8	4.1
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	11.9	25.9	22.9	2.4
	Maintaining a Steam Trap Database	11.7	5.4	18.6	2.3
	Annual Inspections and Repairs of Steam Leaks	14.0	17.2	31.1	3.2
	Measure Oxygen and Carbon Dioxide Levels (f)	5.3	10.2	15.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.4	13.4	19.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	14.9	4.0	23.2	--
	Cleaning of Heat Transfer Equipment (i)	10.8	6.2	20.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	15.7	4.8	21.0	--
	Keep an Inventory of All Motors	7.4	7.9	16.3	--
	Identify the Major Energy Consuming Pumps (k)	4.6	12.2	16.3	--
	Detect and Control Compressed Air Leaks (l)	6.7	8.6	21.1	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.9	15.2	26.1	--
331511	Iron Foundries				
	Full-Time Energy Manager (c)	2.3	11.2	30.1	--
	Set Goals for Improving Energy Efficiency	8.5	9.7	21.9	--
	Measure and Monitor Steam Used (d)	20.2	6.5	6.5	4.7
	Dedicated Staff that Performs Insulation Inspections (e)	19.7	X	6.5	4.6
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	20.4	6.5	51.1	5.3
	Maintaining a Steam Trap Database	20.5	6.5	42.3	4.7
	Annual Inspections and Repairs of Steam Leaks	22.1	6.5	51.1	4.6
	Measure Oxygen and Carbon Dioxide Levels (f)	4.3	11.8	16.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2.8	8.8	21.9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	17.4	5.5	23.6	--
	Cleaning of Heat Transfer Equipment (i)	14.8	6.7	20.2	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	18.7	5.2	20.6	--
	Keep an Inventory of All Motors	13.7	7.6	21.8	--
	Identify the Major Energy Consuming Pumps (k)	5.9	11.0	17.8	--
	Detect and Control Compressed Air Leaks (l)	8.1	9.9	24.4	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.0	10.8	20.8	--
331521	Aluminum Die-Casting Foundries				
	Full-Time Energy Manager (c)	13.1	32.4	11.7	--
	Set Goals for Improving Energy Efficiency	15.4	18.9	28.8	--
	Measure and Monitor Steam Used (d)	27.0	11.7	11.7	6.6
	Dedicated Staff that Performs Insulation Inspections (e)	28.5	11.7	11.7	8.8

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	32.8	11.7	11.7	6.4
	Maintaining a Steam Trap Database	29.6	11.7	11.7	6.3
	Annual Inspections and Repairs of Steam Leaks	36.2	11.7	11.7	6.3
	Measure Oxygen and Carbon Dioxide Levels (f)	13.2	18.6	23.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9.0	15.6	30.2	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	26.0	7.7	33.3	--
	Cleaning of Heat Transfer Equipment (i)	23.3	14.4	14.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	27.4	9.8	32.5	--
	Keep an Inventory of All Motors	9.3	14.9	11.9	--
	Identify the Major Energy Consuming Pumps (k)	5.7	12.5	11.9	--
	Detect and Control Compressed Air Leaks (l)	15.1	20.7	28.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.2	13.4	12.1	--
331524	Aluminum Foundries, except Die-Casting				
	Full-Time Energy Manager (c)	1.9	25.7	27.3	--
	Set Goals for Improving Energy Efficiency	14.7	16.7	35.6	--
	Measure and Monitor Steam Used (d)	13.9	X	12.3	2.4
	Dedicated Staff that Performs Insulation Inspections (e)	13.8	12.3	79.2	11.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14.5	12.3	12.3	2.2
	Maintaining a Steam Trap Database	14.4	12.3	14.3	2.5
	Annual Inspections and Repairs of Steam Leaks	15.2	12.3	59.6	11.9
	Measure Oxygen and Carbon Dioxide Levels (f)	12.9	12.8	36.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	12.1	19.3	50.6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	18.0	3.2	14.1	--
	Cleaning of Heat Transfer Equipment (i)	16.9	13.6	48.4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	24.1	13.4	38.9	--
	Keep an Inventory of All Motors	14.5	23.5	25.2	--
	Identify the Major Energy Consuming Pumps (k)	6.7	18.6	24.6	--
	Detect and Control Compressed Air Leaks (l)	14.5	16.3	57.3	--
	Track the Amount of Energy Spent in Compressed Air Systems	11.9	21.3	62.4	--
332	FABRICATED METAL PRODUCTS				
	Full-Time Energy Manager (c)	2.9	27.5	17.9	--
	Set Goals for Improving Energy Efficiency	5.4	11.3	14.7	--
	Measure and Monitor Steam Used (d)	13.0	70.8	20.0	4.2
	Dedicated Staff that Performs Insulation Inspections (e)	12.7	56.8	18.6	4.5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14.4	37.9	19.5	4.2
	Maintaining a Steam Trap Database	13.4	77.8	19.8	4.2
	Annual Inspections and Repairs of Steam Leaks	15.5	28.6	20.7	4.1
	Measure Oxygen and Carbon Dioxide Levels (f)	3.6	22.6	13.9	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.3	31.4	14.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	6.3	9.7	14.2	--
	Cleaning of Heat Transfer Equipment (i)	6.6	9.8	13.1	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6.4	10.1	12.9	--
	Keep an Inventory of All Motors	5.5	12.5	12.7	--
	Identify the Major Energy Consuming Pumps (k)	3.9	20.0	13.9	--
	Detect and Control Compressed Air Leaks (l)	5.3	11.7	14.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.4	32.3	14.0	--
333	MACHINERY				
	Full-Time Energy Manager (c)	2.6	24.6	26.7	--
	Set Goals for Improving Energy Efficiency	5.3	11.6	18.7	--
	Measure and Monitor Steam Used (d)	14.0	X	32.4	4.0
	Dedicated Staff that Performs Insulation Inspections (e)	13.3	36.5	28.2	4.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14.6	55.3	31.0	4.0
	Maintaining a Steam Trap Database	14.2	37.6	32.0	3.9
	Annual Inspections and Repairs of Steam Leaks	15.2	46.0	27.0	4.1
	Measure Oxygen and Carbon Dioxide Levels (f)	3.5	26.6	16.6	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2.9	50.9	18.3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7.5	8.9	16.1	--
	Cleaning of Heat Transfer Equipment (i)	6.8	9.5	17.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6.6	9.9	16.8	--
	Keep an Inventory of All Motors	4.8	14.4	17.5	--
	Identify the Major Energy Consuming Pumps (k)	3.2	28.7	17.8	--
	Detect and Control Compressed Air Leaks (l)	5.0	12.1	20.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.2	26.6	19.1	--
334	COMPUTER AND ELECTRONIC PRODUCTS				
	Full-Time Energy Manager (c)	4.9	22.7	32.4	--
	Set Goals for Improving Energy Efficiency	7.1	15.7	26.8	--
	Measure and Monitor Steam Used (d)	21.7	29.9	36.1	5.2
	Dedicated Staff that Performs Insulation Inspections (e)	22.3	30.8	37.8	5.2
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	26.5	33.3	37.6	4.9
	Maintaining a Steam Trap Database	25.4	33.2	37.1	4.9

RSE Table 8.4 Relative Standard Errors for Table 8.4;**Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Annual Inspections and Repairs of Steam Leaks	28.9	27.4	37.7	4.9
	Measure Oxygen and Carbon Dioxide Levels (f)	6.6	21.9	19.2	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.3	66.6	23.3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	10.4	13.4	20.1	--
	Cleaning of Heat Transfer Equipment (i)	10.9	11.8	23.1	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	12.4	11.0	21.5	--
	Keep an Inventory of All Motors	6.4	18.6	26.7	--
	Identify the Major Energy Consuming Pumps (k)	5.8	20.8	24.5	--
	Detect and Control Compressed Air Leaks (l)	7.8	16.0	25.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.7	33.7	24.0	--
334413	Semiconductors and Related Devices				
	Full-Time Energy Manager (c)	1.9	17.8	27.4	--
	Set Goals for Improving Energy Efficiency	18.3	25.3	54.3	--
	Measure and Monitor Steam Used (d)	31.7	14.9	71.5	13.8
	Dedicated Staff that Performs Insulation Inspections (e)	34.9	48.3	76.5	17.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	43.6	21.1	71.5	14.4
	Maintaining a Steam Trap Database	35.5	14.9	64.2	14.7
	Annual Inspections and Repairs of Steam Leaks	46.4	20.1	73.9	14.4
	Measure Oxygen and Carbon Dioxide Levels (f)	14.0	19.3	37.8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9.8	14.9	43.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	28.7	19.5	47.4	--
	Cleaning of Heat Transfer Equipment (i)	27.0	18.6	57.3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	29.3	18.2	51.7	--
	Keep an Inventory of All Motors	17.1	29.3	46.9	--
	Identify the Major Energy Consuming Pumps (k)	17.3	27.1	46.2	--
	Detect and Control Compressed Air Leaks (l)	17.1	30.2	42.7	--
	Track the Amount of Energy Spent in Compressed Air Systems	12.6	17.5	42.4	--
335	ELEC. EQUIP., APPLIANCES, COMPONENTS				
	Full-Time Energy Manager (c)	5.4	33.7	54.2	--
	Set Goals for Improving Energy Efficiency	11.3	16.7	37.5	--
	Measure and Monitor Steam Used (d)	27.0	77.2	54.0	6.4
	Dedicated Staff that Performs Insulation Inspections (e)	23.2	50.4	51.0	7.5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	30.6	54.2	36.3	7.4
	Maintaining a Steam Trap Database	27.7	42.9	38.2	7.2
	Annual Inspections and Repairs of Steam Leaks	33.7	40.1	44.5	7.2
	Measure Oxygen and Carbon Dioxide Levels (f)	7.6	32.4	27.1	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6.1	73.2	29.4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	14.0	13.9	35.5	--
	Cleaning of Heat Transfer Equipment (i)	11.9	17.5	29.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14.1	13.7	36.0	--
	Keep an Inventory of All Motors	10.0	20.6	30.4	--
	Identify the Major Energy Consuming Pumps (k)	6.2	29.9	39.3	--
	Detect and Control Compressed Air Leaks (l)	8.3	22.6	35.9	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.6	28.3	36.9	--
336	TRANSPORTATION EQUIPMENT				
	Full-Time Energy Manager (c)	3.7	20.4	40.3	--
	Set Goals for Improving Energy Efficiency	8.3	12.5	27.0	--
	Measure and Monitor Steam Used (d)	18.7	23.8	49.7	4.3
	Dedicated Staff that Performs Insulation Inspections (e)	19.3	24.6	45.2	4.8
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	22.0	19.5	46.0	4.3
	Maintaining a Steam Trap Database	20.5	17.2	37.9	4.4
	Annual Inspections and Repairs of Steam Leaks	25.8	25.3	47.5	4.3
	Measure Oxygen and Carbon Dioxide Levels (f)	6.5	17.4	17.5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.7	23.7	20.3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	12.8	10.1	19.5	--
	Cleaning of Heat Transfer Equipment (i)	12.0	10.3	20.6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	13.4	10.1	18.4	--
	Keep an Inventory of All Motors	9.5	13.6	19.4	--
	Identify the Major Energy Consuming Pumps (k)	4.9	20.8	26.1	--
	Detect and Control Compressed Air Leaks (l)	8.8	12.4	27.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.5	17.6	29.4	--
336111	Automobiles				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--

RSE Table 8.4 Relative Standard Errors for Table 8.4;
Unit: Percents.

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
336112	Light Trucks and Utility Vehicles				
	Full-Time Energy Manager (c)	0.0	0.0	0.0	--
	Set Goals for Improving Energy Efficiency	0.0	0.0	0.0	--
	Measure and Monitor Steam Used (d)	0.0	0.0	0.0	0.0
	Dedicated Staff that Performs Insulation Inspections (e)	0.0	0.0	0.0	0.0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	0.0	0.0	0.0	0.0
	Maintaining a Steam Trap Database	0.0	0.0	0.0	0.0
	Annual Inspections and Repairs of Steam Leaks	0.0	0.0	0.0	0.0
	Measure Oxygen and Carbon Dioxide Levels (f)	0.0	0.0	0.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	0.0	0.0	0.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	0.0	0.0	0.0	--
	Cleaning of Heat Transfer Equipment (i)	0.0	0.0	0.0	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0.0	0.0	0.0	--
	Keep an Inventory of All Motors	0.0	0.0	0.0	--
	Identify the Major Energy Consuming Pumps (k)	0.0	0.0	0.0	--
	Detect and Control Compressed Air Leaks (l)	0.0	0.0	0.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	0.0	0.0	0.0	--
3364	Aerospace Products				
	Full-Time Energy Manager (c)	6.0	16.3	46.7	--
	Set Goals for Improving Energy Efficiency	10.3	13.1	36.8	--
	Measure and Monitor Steam Used (d)	14.9	10.5	29.0	5.6
	Dedicated Staff that Performs Insulation Inspections (e)	16.3	36.8	37.1	5.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	20.0	24.2	26.0	5.7
	Maintaining a Steam Trap Database	17.5	10.7	47.6	6.5
	Annual Inspections and Repairs of Steam Leaks	24.0	19.7	18.9	5.8
	Measure Oxygen and Carbon Dioxide Levels (f)	8.1	15.6	28.7	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5.2	33.9	34.0	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	14.7	10.4	24.9	--
	Cleaning of Heat Transfer Equipment (i)	12.7	11.5	17.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	16.5	10.1	33.7	--
	Keep an Inventory of All Motors	6.4	17.9	25.3	--
	Identify the Major Energy Consuming Pumps (k)	3.7	18.7	26.5	--
	Detect and Control Compressed Air Leaks (l)	9.2	15.2	37.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.8	23.2	24.5	--
336411	Aircraft				
	Full-Time Energy Manager (c)	10.0	20.3	53.0	--
	Set Goals for Improving Energy Efficiency	26.8	18.2	53.0	--
	Measure and Monitor Steam Used (d)	20.4	X	X	8.3
	Dedicated Staff that Performs Insulation Inspections (e)	21.2	16.8	X	8.3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	22.7	16.8	X	8.1
	Maintaining a Steam Trap Database	22.3	16.8	71.6	15.6
	Annual Inspections and Repairs of Steam Leaks	30.5	16.8	29.9	9.7
	Measure Oxygen and Carbon Dioxide Levels (f)	14.8	18.3	56.2	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13.5	16.8	56.5	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	37.1	14.1	25.7	--
	Cleaning of Heat Transfer Equipment (i)	29.0	17.6	16.8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	34.1	18.5	48.3	--
	Keep an Inventory of All Motors	15.1	24.8	16.8	--
	Identify the Major Energy Consuming Pumps (k)	4.6	16.8	60.0	--
	Detect and Control Compressed Air Leaks (l)	15.8	28.6	52.0	--
	Track the Amount of Energy Spent in Compressed Air Systems	2.9	21.1	29.9	--
337	FURNITURE AND RELATED PRODUCTS				
	Full-Time Energy Manager (c)	3.4	40.3	27.4	--
	Set Goals for Improving Energy Efficiency	6.8	16.2	20.6	--
	Measure and Monitor Steam Used (d)	19.2	41.3	32.9	4.8
	Dedicated Staff that Performs Insulation Inspections (e)	19.8	46.1	31.5	4.9
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	21.2	50.5	33.3	4.5
	Maintaining a Steam Trap Database	20.2	34.6	30.5	4.7
	Annual Inspections and Repairs of Steam Leaks	23.2	33.8	29.8	4.6
	Measure Oxygen and Carbon Dioxide Levels (f)	4.7	34.3	18.0	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4.1	80.3	19.8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furance Inspections (h)	8.3	14.9	16.8	--
	Cleaning of Heat Transfer Equipment (i)	9.1	14.0	15.7	--

**RSE Table 8.4 Relative Standard Errors for Table 8.4;
 Unit: Percents.**

NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	No Steam Used
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	8.6	14.9	15.7	--
	Keep an Inventory of All Motors	6.7	16.8	20.7	--
	Identify the Major Energy Consuming Pumps (k)	5.0	30.5	18.9	--
	Detect and Control Compressed Air Leaks (l)	6.3	17.3	21.8	--
	Track the Amount of Energy Spent in Compressed Air Systems	4.2	53.2	19.5	--
339	MISCELLANEOUS				
	Full-Time Energy Manager (c)	2.7	33.6	23.7	--
	Set Goals for Improving Energy Efficiency	5.3	13.7	18.7	--
	Measure and Monitor Steam Used (d)	12.8	60.1	27.6	4.9
	Dedicated Staff that Performs Insulation Inspections (e)	14.1	43.9	27.6	4.7
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	15.4	45.8	27.6	4.4
	Maintaining a Steam Trap Database	16.4	64.0	22.7	4.4
	Annual Inspections and Repairs of Steam Leaks	17.3	37.8	25.4	4.2
	Measure Oxygen and Carbon Dioxide Levels (f)	4.4	30.0	13.4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3.9	32.3	13.9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7.4	11.2	14.2	--
	Cleaning of Heat Transfer Equipment (i)	7.1	12.4	13.2	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7.8	11.7	12.4	--
	Keep an Inventory of All Motors	5.8	14.7	15.1	--
	Identify the Major Energy Consuming Pumps (k)	4.1	29.4	14.8	--
	Detect and Control Compressed Air Leaks (l)	5.5	16.6	14.5	--
	Track the Amount of Energy Spent in Compressed Air Systems	3.4	50.8	16.2	--

(a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).
 (b) This count includes only those establishments that reported this activity for calendar year 2010.
 (c) A 'Full-Time Energy Manager' is a person whose major function is to direct or plan energy strategies relating to energy use and energy-efficient technology within the establishment.
 (d) The amount of steam used is the amount needed to produce a unit of product.
 (e) The insulation inspections are to monitor and maintain the condition of the steam system insulation.
 (f) "Tuning" the burners requires the measuring of oxygen and carbon dioxide levels in boilers and other fuel fired heating equipment flue gases.
 (g) The use of flue gases from fuel fired heating equipment to preheat combustion air, preheat charge equipment/materials, or provide heat for other processes.
 (h) Furnace inspections are necessary to seal openings and repair cracks and damaged insulation in furnace walls, doors, etc.
 (i) The cleaning of heat transfer surfaces avoids build up of soot, scale, or other material.
 (j) Process heating equipment includes, but is not limited to, temperature and pressure sensors, controllers, valve operators, etc.
 (k) A plant-wide study conducted to identify the major energy consuming pump systems.
 (l) The staff or equipment dedicated to detecting and controlling compressed air system leaks.

NF=No applicable RSE row/column factor.
 * Estimate less than 0.5.
 W=Withheld to avoid disclosing data for individual establishments.
 Q=Withheld because Relative Standard Error is greater than 50 percent.
 NA=Not available.
 -- Estimation is not applicable.
 X=Not defined because RSE corresponds to a value of zero.
 Notes: Totals may not equal sum of components because of independent rounding.
 Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey.'