

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
Total United States					
311 - 339	ALL MANUFACTURING INDUSTRIES				
	Full-Time Energy Manager (c)	159,258	9,922	25,553	--
	Set Goals for Improving Energy Efficiency	116,335	38,397	40,001	--
	Measure and Monitor Steam Used (d)	147,525	6,012	34,276	6,920
	Dedicated Staff that Performs Insulation Inspections (e)	143,630	10,769	33,910	6,424
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	137,708	13,589	36,533	6,903
	Maintaining a Steam Trap Database	145,043	5,382	37,353	6,954
	Annual Inspections and Repairs of Steam Leaks	132,617	18,654	36,489	6,974
	Measure Oxygen and Carbon Dioxide Levels (f)	130,893	20,047	43,793	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	145,356	8,716	40,661	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	97,023	53,857	43,853	--
	Cleaning of Heat Transfer Equipment (i)	94,116	53,180	47,437	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	93,532	55,433	45,767	--
	Keep an Inventory of All Motors	105,966	44,733	44,034	--
	Identify the Major Energy Consuming Pumps (k)	137,048	14,858	42,827	--
	Detect and Control Compressed Air Leaks (l)	118,206	35,898	40,629	--
	Track the Amount of Energy Spent in Compressed Air Systems	147,714	6,987	40,032	--
311	FOOD				
	Full-Time Energy Manager (c)	10,660	1,121	2,348	--
	Set Goals for Improving Energy Efficiency	6,689	4,125	3,314	--
	Measure and Monitor Steam Used (d)	9,165	1,589	3,190	184
	Dedicated Staff that Performs Insulation Inspections (e)	8,325	2,537	3,101	165
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	7,063	3,403	3,520	142
	Maintaining a Steam Trap Database	8,819	1,268	3,899	142
	Annual Inspections and Repairs of Steam Leaks	6,171	4,421	3,394	142
	Measure Oxygen and Carbon Dioxide Levels (f)	6,616	3,779	3,733	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9,075	1,439	3,614	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	4,958	5,453	3,718	--
	Cleaning of Heat Transfer Equipment (i)	4,562	5,922	3,644	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4,614	5,821	3,694	--
	Keep an Inventory of All Motors	5,577	5,014	3,538	--
	Identify the Major Energy Consuming Pumps (k)	8,570	1,676	3,882	--
	Detect and Control Compressed Air Leaks (l)	7,388	3,429	3,312	--
	Track the Amount of Energy Spent in Compressed Air Systems	10,210	623	3,296	--
3112	Grain and Oilseed Milling				
	Full-Time Energy Manager (c)	440	125	15	--
	Set Goals for Improving Energy Efficiency	262	292	26	--
	Measure and Monitor Steam Used (d)	302	234	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	374	167	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	296	241	W	W
	Maintaining a Steam Trap Database	384	141	W	W
	Annual Inspections and Repairs of Steam Leaks	221	324	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	220	310	51	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	362	154	64	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	232	313	35	--
	Cleaning of Heat Transfer Equipment (i)	253	289	38	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	199	349	31	--
	Keep an Inventory of All Motors	121	415	Q	--
	Identify the Major Energy Consuming Pumps (k)	382	154	45	--
	Detect and Control Compressed Air Leaks (l)	320	227	32	--
	Track the Amount of Energy Spent in Compressed Air Systems	475	72	33	--
311221	Wet Corn Milling				
	Full-Time Energy Manager (c)	W	20	W	--
	Set Goals for Improving Energy Efficiency	9	35	3	--
	Measure and Monitor Steam Used (d)	6	38	3	0
	Dedicated Staff that Performs Insulation Inspections (e)	32	9	6	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	10	25	12	0

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NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	Not Applicable
	Maintaining a Steam Trap Database	15	20	12	0
	Annual Inspections and Repairs of Steam Leaks	12	26	9	0
	Measure Oxygen and Carbon Dioxide Levels (f)	9	28	10	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	15	24	9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	8	28	11	--
	Cleaning of Heat Transfer Equipment (i)	3	28	16	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	7	30	10	--
	Keep an Inventory of All Motors	7	35	6	--
	Identify the Major Energy Consuming Pumps (k)	18	21	8	--
	Detect and Control Compressed Air Leaks (l)	27	12	8	--
	Track the Amount of Energy Spent in Compressed Air Systems	28	15	4	--
31131	Sugar				
	Full-Time Energy Manager (c)	61	9	7	--
	Set Goals for Improving Energy Efficiency	15	54	9	--
	Measure and Monitor Steam Used (d)	9	61	7	0
	Dedicated Staff that Performs Insulation Inspections (e)	50	22	6	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	46	22	9	0
	Maintaining a Steam Trap Database	45	22	11	0
	Annual Inspections and Repairs of Steam Leaks	11	58	9	0
	Measure Oxygen and Carbon Dioxide Levels (f)	19	48	11	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	28	37	13	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	11	59	7	--
	Cleaning of Heat Transfer Equipment (i)	9	58	11	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9	58	11	--
	Keep an Inventory of All Motors	7	61	9	--
	Identify the Major Energy Consuming Pumps (k)	45	22	11	--
	Detect and Control Compressed Air Leaks (l)	46	19	13	--
	Track the Amount of Energy Spent in Compressed Air Systems	43	20	15	--
3114	Fruit and Vegetable Preserving and Specialty Foods				
	Full-Time Energy Manager (c)	818	132	175	--
	Set Goals for Improving Energy Efficiency	472	383	269	--
	Measure and Monitor Steam Used (d)	697	196	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	587	282	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	553	314	W	W
	Maintaining a Steam Trap Database	716	134	W	W
	Annual Inspections and Repairs of Steam Leaks	392	503	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	342	455	328	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	700	194	231	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	362	507	256	--
	Cleaning of Heat Transfer Equipment (i)	230	668	227	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	279	591	255	--
	Keep an Inventory of All Motors	469	385	272	--
	Identify the Major Energy Consuming Pumps (k)	660	170	295	--
	Detect and Control Compressed Air Leaks (l)	594	288	244	--
	Track the Amount of Energy Spent in Compressed Air Systems	818	64	243	--
3115	Dairy Products				
	Full-Time Energy Manager (c)	744	155	146	--
	Set Goals for Improving Energy Efficiency	473	415	156	--
	Measure and Monitor Steam Used (d)	633	243	169	0
	Dedicated Staff that Performs Insulation Inspections (e)	599	300	145	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	426	459	159	0
	Maintaining a Steam Trap Database	674	181	189	0
	Annual Inspections and Repairs of Steam Leaks	242	653	148	0
	Measure Oxygen and Carbon Dioxide Levels (f)	387	489	168	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	644	238	162	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	294	609	141	--
	Cleaning of Heat Transfer Equipment (i)	186	732	126	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	268	636	141	--
	Keep an Inventory of All Motors	406	482	155	--
	Identify the Major Energy Consuming Pumps (k)	600	255	190	--
	Detect and Control Compressed Air Leaks (l)	566	302	175	--

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NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	Not Applicable
	Track the Amount of Energy Spent in Compressed Air Systems	785	105	154	--
3116	Animal Slaughtering and Processing				
	Full-Time Energy Manager (c)	1,194	259	262	--
	Set Goals for Improving Energy Efficiency	768	609	338	--
	Measure and Monitor Steam Used (d)	1,005	283	407	Q
	Dedicated Staff that Performs Insulation Inspections (e)	783	521	390	22
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	584	640	470	22
	Maintaining a Steam Trap Database	867	227	599	22
	Annual Inspections and Repairs of Steam Leaks	448	790	455	22
	Measure Oxygen and Carbon Dioxide Levels (f)	558	729	428	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	945	279	491	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	425	856	433	--
	Cleaning of Heat Transfer Equipment (i)	419	880	415	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	397	914	404	--
	Keep an Inventory of All Motors	573	795	346	--
	Identify the Major Energy Consuming Pumps (k)	1,069	246	400	--
	Detect and Control Compressed Air Leaks (l)	767	480	468	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,235	74	406	--
312	BEVERAGE AND TOBACCO PRODUCTS				
	Full-Time Energy Manager (c)	1,420	295	114	--
	Set Goals for Improving Energy Efficiency	963	729	139	--
	Measure and Monitor Steam Used (d)	1,288	279	223	Q
	Dedicated Staff that Performs Insulation Inspections (e)	1,134	435	223	Q
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,179	394	218	Q
	Maintaining a Steam Trap Database	1,305	167	318	Q
	Annual Inspections and Repairs of Steam Leaks	927	580	284	Q
	Measure Oxygen and Carbon Dioxide Levels (f)	925	558	348	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,329	259	242	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	717	819	294	--
	Cleaning of Heat Transfer Equipment (i)	611	853	366	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	539	973	317	--
	Keep an Inventory of All Motors	746	806	278	--
	Identify the Major Energy Consuming Pumps (k)	1,270	270	290	--
	Detect and Control Compressed Air Leaks (l)	934	731	164	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,428	99	304	--
3121	Beverages				
	Full-Time Energy Manager (c)	W	287	W	--
	Set Goals for Improving Energy Efficiency	916	708	133	--
	Measure and Monitor Steam Used (d)	1,237	266	217	Q
	Dedicated Staff that Performs Insulation Inspections (e)	1,091	413	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,144	369	W	W
	Maintaining a Steam Trap Database	1,260	152	W	W
	Annual Inspections and Repairs of Steam Leaks	900	542	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	896	526	335	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,272	248	238	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	685	785	289	--
	Cleaning of Heat Transfer Equipment (i)	W	812	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	508	938	312	--
	Keep an Inventory of All Motors	716	776	266	--
	Identify the Major Energy Consuming Pumps (k)	W	260	W	--
	Detect and Control Compressed Air Leaks (l)	W	708	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,369	92	297	--
3122	Tobacco				
	Full-Time Energy Manager (c)	W	8	W	--
	Set Goals for Improving Energy Efficiency	46	20	5	--
	Measure and Monitor Steam Used (d)	50	12	5	4
	Dedicated Staff that Performs Insulation Inspections (e)	43	22	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	35	24	W	W
	Maintaining a Steam Trap Database	45	15	W	W

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	Annual Inspections and Repairs of Steam Leaks	27	38	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	29	31	12	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	57	11	4	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	33	34	5	--
	Cleaning of Heat Transfer Equipment (i)	W	41	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	31	35	5	--
	Keep an Inventory of All Motors	30	30	12	--
	Identify the Major Energy Consuming Pumps (k)	W	10	W	--
	Detect and Control Compressed Air Leaks (l)	W	23	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	58	7	7	--
313	TEXTILE MILLS				
	Full-Time Energy Manager (c)	1,514	212	239	--
	Set Goals for Improving Energy Efficiency	1,076	652	237	--
	Measure and Monitor Steam Used (d)	1,245	344	328	Q
	Dedicated Staff that Performs Insulation Inspections (e)	1,260	342	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,169	421	W	W
	Maintaining a Steam Trap Database	1,362	194	W	W
	Annual Inspections and Repairs of Steam Leaks	910	604	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	982	485	499	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,304	123	539	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	802	665	498	--
	Cleaning of Heat Transfer Equipment (i)	791	767	408	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	760	788	418	--
	Keep an Inventory of All Motors	935	731	300	--
	Identify the Major Energy Consuming Pumps (k)	1,263	295	408	--
	Detect and Control Compressed Air Leaks (l)	1,007	581	378	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,446	135	385	--
314	TEXTILE PRODUCT MILLS				
	Full-Time Energy Manager (c)	2,612	127	593	--
	Set Goals for Improving Energy Efficiency	1,949	662	721	--
	Measure and Monitor Steam Used (d)	2,495	108	640	89
	Dedicated Staff that Performs Insulation Inspections (e)	2,442	211	590	89
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,326	254	662	89
	Maintaining a Steam Trap Database	2,397	142	704	89
	Annual Inspections and Repairs of Steam Leaks	2,322	239	683	89
	Measure Oxygen and Carbon Dioxide Levels (f)	2,360	228	744	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,541	197	594	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,885	660	787	--
	Cleaning of Heat Transfer Equipment (i)	1,835	751	746	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,874	672	785	--
	Keep an Inventory of All Motors	2,044	696	592	--
	Identify the Major Energy Consuming Pumps (k)	2,413	75	844	--
	Detect and Control Compressed Air Leaks (l)	2,279	337	715	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,655	34	643	--
315	APPAREL				
	Full-Time Energy Manager (c)	4,497	W	W	--
	Set Goals for Improving Energy Efficiency	3,489	775	1,304	--
	Measure and Monitor Steam Used (d)	4,188	22	1,087	270
	Dedicated Staff that Performs Insulation Inspections (e)	3,837	423	1,104	203
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	3,223	615	1,391	338
	Maintaining a Steam Trap Database	3,641	249	1,339	338
	Annual Inspections and Repairs of Steam Leaks	3,046	861	1,322	338
	Measure Oxygen and Carbon Dioxide Levels (f)	3,424	541	1,602	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	3,946	Q	1,466	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	2,603	1,157	1,807	--
	Cleaning of Heat Transfer Equipment (i)	2,550	1,166	1,850	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	2,536	1,242	1,789	--
	Keep an Inventory of All Motors	2,927	980	1,661	--
	Identify the Major Energy Consuming Pumps (k)	3,951	220	1,396	--
	Detect and Control Compressed Air Leaks (l)	3,776	544	1,247	--
	Track the Amount of Energy Spent in Compressed Air Systems	4,164	Q	1,328	--

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316	LEATHER AND ALLIED PRODUCTS				
	Full-Time Energy Manager (c)	544	W	W	--
	Set Goals for Improving Energy Efficiency	378	165	144	--
	Measure and Monitor Steam Used (d)	534	W	W	0
	Dedicated Staff that Performs Insulation Inspections (e)	472	Q	179	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	441	66	181	0
	Maintaining a Steam Trap Database	471	0	216	0
	Annual Inspections and Repairs of Steam Leaks	405	76	206	0
	Measure Oxygen and Carbon Dioxide Levels (f)	358	40	289	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	383	Q	274	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	270	137	280	--
	Cleaning of Heat Transfer Equipment (i)	313	110	264	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	268	159	260	--
	Keep an Inventory of All Motors	318	160	209	--
	Identify the Major Energy Consuming Pumps (k)	474	8	205	--
	Detect and Control Compressed Air Leaks (l)	376	101	209	--
	Track the Amount of Energy Spent in Compressed Air Systems	460	Q	192	--
321	WOOD PRODUCTS				
	Full-Time Energy Manager (c)	9,018	377	1,390	--
	Set Goals for Improving Energy Efficiency	6,608	1,802	2,375	--
	Measure and Monitor Steam Used (d)	7,919	481	1,747	638
	Dedicated Staff that Performs Insulation Inspections (e)	7,601	665	1,866	653
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	7,448	781	1,922	634
	Maintaining a Steam Trap Database	7,708	267	2,141	669
	Annual Inspections and Repairs of Steam Leaks	7,122	1,038	1,956	669
	Measure Oxygen and Carbon Dioxide Levels (f)	7,496	850	2,439	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	7,985	418	2,382	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	5,482	2,591	2,711	--
	Cleaning of Heat Transfer Equipment (i)	5,329	2,603	2,852	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5,530	2,482	2,773	--
	Keep an Inventory of All Motors	5,401	2,913	2,471	--
	Identify the Major Energy Consuming Pumps (k)	7,628	695	2,461	--
	Detect and Control Compressed Air Leaks (l)	6,305	2,152	2,328	--
	Track the Amount of Energy Spent in Compressed Air Systems	8,256	157	2,372	--
321113	Sawmills				
	Full-Time Energy Manager (c)	1,792	134	356	--
	Set Goals for Improving Energy Efficiency	1,313	429	540	--
	Measure and Monitor Steam Used (d)	1,617	190	368	107
	Dedicated Staff that Performs Insulation Inspections (e)	1,585	177	422	98
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,439	266	466	111
	Maintaining a Steam Trap Database	1,607	83	478	114
	Annual Inspections and Repairs of Steam Leaks	1,373	322	474	114
	Measure Oxygen and Carbon Dioxide Levels (f)	1,433	284	565	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,616	148	518	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,088	619	575	--
	Cleaning of Heat Transfer Equipment (i)	1,111	611	560	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,214	489	579	--
	Keep an Inventory of All Motors	829	964	488	--
	Identify the Major Energy Consuming Pumps (k)	1,521	122	639	--
	Detect and Control Compressed Air Leaks (l)	1,155	524	603	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,668	27	587	--
3212	Veneer, Plywood, and Engineered Woods				
	Full-Time Energy Manager (c)	1,215	61	186	--
	Set Goals for Improving Energy Efficiency	794	349	319	--
	Measure and Monitor Steam Used (d)	975	139	230	117
	Dedicated Staff that Performs Insulation Inspections (e)	881	173	291	117
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	872	179	294	117
	Maintaining a Steam Trap Database	903	67	375	117
	Annual Inspections and Repairs of Steam Leaks	780	262	304	117

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	Measure Oxygen and Carbon Dioxide Levels (f)	794	196	472	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	940	131	391	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	537	525	401	--
	Cleaning of Heat Transfer Equipment (i)	547	504	411	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	538	540	384	--
	Keep an Inventory of All Motors	576	523	363	--
	Identify the Major Energy Consuming Pumps (k)	963	99	400	--
	Detect and Control Compressed Air Leaks (l)	880	370	212	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,063	36	363	--
3219	Other Wood Products				
	Full-Time Energy Manager (c)	5,703	150	835	--
	Set Goals for Improving Energy Efficiency	4,342	892	1,454	--
	Measure and Monitor Steam Used (d)	5,086	102	1,090	410
	Dedicated Staff that Performs Insulation Inspections (e)	4,898	262	1,094	434
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	4,924	262	1,101	402
	Maintaining a Steam Trap Database	4,961	82	1,211	434
	Annual Inspections and Repairs of Steam Leaks	4,771	366	1,117	434
	Measure Oxygen and Carbon Dioxide Levels (f)	5,015	302	1,371	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5,129	127	1,432	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	3,654	1,336	1,698	--
	Cleaning of Heat Transfer Equipment (i)	3,505	1,345	1,838	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	3,620	1,302	1,766	--
	Keep an Inventory of All Motors	3,803	1,317	1,569	--
	Identify the Major Energy Consuming Pumps (k)	4,919	398	1,372	--
	Detect and Control Compressed Air Leaks (l)	4,045	1,166	1,476	--
	Track the Amount of Energy Spent in Compressed Air Systems	5,215	89	1,384	--
322	PAPER				
	Full-Time Energy Manager (c)	2,939	447	572	--
	Set Goals for Improving Energy Efficiency	2,027	1,144	786	--
	Measure and Monitor Steam Used (d)	2,676	558	641	82
	Dedicated Staff that Performs Insulation Inspections (e)	2,542	664	691	60
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,123	930	854	Q
	Maintaining a Steam Trap Database	2,560	382	965	Q
	Annual Inspections and Repairs of Steam Leaks	1,924	1,185	799	Q
	Measure Oxygen and Carbon Dioxide Levels (f)	1,977	1,040	940	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,641	507	809	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,228	1,729	1,000	--
	Cleaning of Heat Transfer Equipment (i)	1,294	1,520	1,143	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,126	1,783	1,048	--
	Keep an Inventory of All Motors	1,268	1,738	951	--
	Identify the Major Energy Consuming Pumps (k)	2,287	680	990	--
	Detect and Control Compressed Air Leaks (l)	2,054	1,104	799	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,815	376	766	--
322110	Pulp Mills				
	Full-Time Energy Manager (c)	16	11	5	--
	Set Goals for Improving Energy Efficiency	4	23	5	--
	Measure and Monitor Steam Used (d)	4	25	4	0
	Dedicated Staff that Performs Insulation Inspections (e)	11	17	4	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	15	14	4	0
	Maintaining a Steam Trap Database	16	12	4	0
	Annual Inspections and Repairs of Steam Leaks	6	22	4	0
	Measure Oxygen and Carbon Dioxide Levels (f)	W	26	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	4	22	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	0	26	6	--
	Cleaning of Heat Transfer Equipment (i)	0	26	6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	25	W	--
	Keep an Inventory of All Motors	W	25	W	--
	Identify the Major Energy Consuming Pumps (k)	6	21	5	--
	Detect and Control Compressed Air Leaks (l)	11	17	4	--
	Track the Amount of Energy Spent in Compressed Air Systems	15	14	4	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
322121	Paper Mills, except Newsprint				
	Full-Time Energy Manager (c)	150	107	30	--
	Set Goals for Improving Energy Efficiency	77	178	33	--
	Measure and Monitor Steam Used (d)	67	191	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	163	66	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	103	113	W	W
	Maintaining a Steam Trap Database	115	100	W	W
	Annual Inspections and Repairs of Steam Leaks	70	166	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	67	166	54	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	95	152	42	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	42	203	43	--
	Cleaning of Heat Transfer Equipment (i)	46	193	49	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	34	208	46	--
	Keep an Inventory of All Motors	40	202	46	--
	Identify the Major Energy Consuming Pumps (k)	133	116	39	--
	Detect and Control Compressed Air Leaks (l)	150	85	53	--
	Track the Amount of Energy Spent in Compressed Air Systems	179	67	42	--
322122	Newsprint Mills				
	Full-Time Energy Manager (c)	9	8	3	--
	Set Goals for Improving Energy Efficiency	W	15	W	--
	Measure and Monitor Steam Used (d)	0	17	3	0
	Dedicated Staff that Performs Insulation Inspections (e)	11	6	3	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	3	12	5	0
	Maintaining a Steam Trap Database	5	9	6	0
	Annual Inspections and Repairs of Steam Leaks	3	14	3	0
	Measure Oxygen and Carbon Dioxide Levels (f)	3	12	5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5	8	8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	W	14	W	--
	Cleaning of Heat Transfer Equipment (i)	0	17	3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	15	W	--
	Keep an Inventory of All Motors	0	17	3	--
	Identify the Major Energy Consuming Pumps (k)	6	11	3	--
	Detect and Control Compressed Air Leaks (l)	8	9	3	--
	Track the Amount of Energy Spent in Compressed Air Systems	6	9	5	--
322130	Paperboard Mills				
	Full-Time Energy Manager (c)	116	55	29	--
	Set Goals for Improving Energy Efficiency	47	122	31	--
	Measure and Monitor Steam Used (d)	35	141	24	0
	Dedicated Staff that Performs Insulation Inspections (e)	102	67	31	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	85	72	43	0
	Maintaining a Steam Trap Database	106	33	61	0
	Annual Inspections and Repairs of Steam Leaks	39	128	33	0
	Measure Oxygen and Carbon Dioxide Levels (f)	64	101	35	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	75	78	47	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	44	119	37	--
	Cleaning of Heat Transfer Equipment (i)	38	120	42	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	41	125	34	--
	Keep an Inventory of All Motors	24	142	34	--
	Identify the Major Energy Consuming Pumps (k)	78	77	44	--
	Detect and Control Compressed Air Leaks (l)	95	64	41	--
	Track the Amount of Energy Spent in Compressed Air Systems	124	35	41	--
323	PRINTING AND RELATED SUPPORT				
	Full-Time Energy Manager (c)	15,871	610	2,436	--
	Set Goals for Improving Energy Efficiency	11,798	3,290	3,829	--
	Measure and Monitor Steam Used (d)	15,241	28	3,341	308
	Dedicated Staff that Performs Insulation Inspections (e)	14,951	296	3,362	308
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14,924	307	3,465	Q
	Maintaining a Steam Trap Database	15,349	Q	3,220	Q
	Annual Inspections and Repairs of Steam Leaks	14,635	413	3,648	Q
	Measure Oxygen and Carbon Dioxide Levels (f)	14,282	621	4,014	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Use Flue Gas to Preheat Other Equipment or Processes (g)	15,189	Q	3,583	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	10,883	3,952	4,083	--
	Cleaning of Heat Transfer Equipment (i)	10,357	4,033	4,527	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	10,248	3,594	5,075	--
	Keep an Inventory of All Motors	11,511	3,122	4,284	--
	Identify the Major Energy Consuming Pumps (k)	14,335	522	4,060	--
	Detect and Control Compressed Air Leaks (l)	13,297	1,928	3,691	--
	Track the Amount of Energy Spent in Compressed Air Systems	15,132	72	3,714	--
324	PETROLEUM AND COAL PRODUCTS				
	Full-Time Energy Manager (c)	1,127	483	203	--
	Set Goals for Improving Energy Efficiency	642	893	278	--
	Measure and Monitor Steam Used (d)	1,193	257	335	Q
	Dedicated Staff that Performs Insulation Inspections (e)	1,178	242	367	Q
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,155	342	290	Q
	Maintaining a Steam Trap Database	1,241	200	346	Q
	Annual Inspections and Repairs of Steam Leaks	1,110	353	325	Q
	Measure Oxygen and Carbon Dioxide Levels (f)	548	837	429	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,118	322	374	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	530	960	324	--
	Cleaning of Heat Transfer Equipment (i)	319	1,119	375	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	297	1,147	369	--
	Keep an Inventory of All Motors	568	887	358	--
	Identify the Major Energy Consuming Pumps (k)	853	441	520	--
	Detect and Control Compressed Air Leaks (l)	1,151	273	389	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,421	58	335	--
324110	Petroleum Refineries				
	Full-Time Energy Manager (c)	98	107	4	--
	Set Goals for Improving Energy Efficiency	34	164	12	--
	Measure and Monitor Steam Used (d)	80	115	13	0
	Dedicated Staff that Performs Insulation Inspections (e)	111	82	16	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	50	139	20	0
	Maintaining a Steam Trap Database	48	134	26	0
	Annual Inspections and Repairs of Steam Leaks	48	148	13	0
	Measure Oxygen and Carbon Dioxide Levels (f)	16	181	12	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	37	158	15	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	23	171	15	--
	Cleaning of Heat Transfer Equipment (i)	12	184	13	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	9	178	22	--
	Keep an Inventory of All Motors	23	165	20	--
	Identify the Major Energy Consuming Pumps (k)	89	92	28	--
	Detect and Control Compressed Air Leaks (l)	148	37	25	--
	Track the Amount of Energy Spent in Compressed Air Systems	159	26	23	--
324199	Other Petroleum and Coal Products				
	Full-Time Energy Manager (c)	41	W	W	--
	Set Goals for Improving Energy Efficiency	23	17	8	--
	Measure and Monitor Steam Used (d)	20	12	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	27	11	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	24	12	W	W
	Maintaining a Steam Trap Database	33	W	11	W
	Annual Inspections and Repairs of Steam Leaks	23	16	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	23	16	9	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	24	15	9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	15	28	5	--
	Cleaning of Heat Transfer Equipment (i)	16	24	8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	13	27	8	--
	Keep an Inventory of All Motors	15	27	7	--
	Identify the Major Energy Consuming Pumps (k)	24	9	15	--
	Detect and Control Compressed Air Leaks (l)	31	8	9	--
	Track the Amount of Energy Spent in Compressed Air Systems	36	W	W	--
325	CHEMICALS				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
Full-Time Energy Manager (c)	6,683	1,056	887	--
Set Goals for Improving Energy Efficiency	4,608	2,535	1,482	--
Measure and Monitor Steam Used (d)	6,044	1,116	1,207	259
Dedicated Staff that Performs Insulation Inspections (e)	5,979	1,249	1,175	222
Formal Steam Maintenance Program that Includes the Following:				
Annual Testing of All Steam Traps	5,267	1,749	1,386	223
Maintaining a Steam Trap Database	5,935	1,049	1,386	255
Annual Inspections and Repairs of Steam Leaks	4,515	2,478	1,377	255
Measure Oxygen and Carbon Dioxide Levels (f)	4,689	2,130	1,806	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	6,067	951	1,608	--
Process Heating Maintenance Program that Includes the Following:				
Furnace Inspections (h)	3,441	3,724	1,461	--
Cleaning of Heat Transfer Equipment (i)	3,374	3,568	1,684	--
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	3,029	4,075	1,521	--
Keep an Inventory of All Motors	3,240	3,681	1,705	--
Identify the Major Energy Consuming Pumps (k)	5,345	1,578	1,702	--
Detect and Control Compressed Air Leaks (l)	4,971	2,050	1,604	--
Track the Amount of Energy Spent in Compressed Air Systems	6,408	673	1,544	--
325110 Petrochemicals				
Full-Time Energy Manager (c)	23	16	6	--
Set Goals for Improving Energy Efficiency	16	24	5	--
Measure and Monitor Steam Used (d)	13	25	W	W
Dedicated Staff that Performs Insulation Inspections (e)	19	19	W	W
Formal Steam Maintenance Program that Includes the Following:				
Annual Testing of All Steam Traps	14	24	W	W
Maintaining a Steam Trap Database	12	26	W	W
Annual Inspections and Repairs of Steam Leaks	8	29	W	W
Measure Oxygen and Carbon Dioxide Levels (f)	9	31	5	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	13	23	9	--
Process Heating Maintenance Program that Includes the Following:				
Furnace Inspections (h)	5	31	9	--
Cleaning of Heat Transfer Equipment (i)	8	31	6	--
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5	32	8	--
Keep an Inventory of All Motors	W	35	W	--
Identify the Major Energy Consuming Pumps (k)	18	17	10	--
Detect and Control Compressed Air Leaks (l)	28	9	8	--
Track the Amount of Energy Spent in Compressed Air Systems	24	11	9	--
325120 Industrial Gases				
Full-Time Energy Manager (c)	221	308	31	--
Set Goals for Improving Energy Efficiency	139	340	82	--
Measure and Monitor Steam Used (d)	445	35	W	W
Dedicated Staff that Performs Insulation Inspections (e)	457	20	W	W
Formal Steam Maintenance Program that Includes the Following:				
Annual Testing of All Steam Traps	430	48	W	W
Maintaining a Steam Trap Database	446	31	W	W
Annual Inspections and Repairs of Steam Leaks	419	58	W	W
Measure Oxygen and Carbon Dioxide Levels (f)	368	100	92	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	409	69	82	--
Process Heating Maintenance Program that Includes the Following:				
Furnace Inspections (h)	313	164	83	--
Cleaning of Heat Transfer Equipment (i)	312	162	86	--
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	140	340	81	--
Keep an Inventory of All Motors	151	331	78	--
Identify the Major Energy Consuming Pumps (k)	203	269	87	--
Detect and Control Compressed Air Leaks (l)	334	139	87	--
Track the Amount of Energy Spent in Compressed Air Systems	412	66	83	--
325181 Alkalies and Chlorine				
Full-Time Energy Manager (c)	28	4	0	--
Set Goals for Improving Energy Efficiency	7	25	0	--
Measure and Monitor Steam Used (d)	7	25	0	0
Dedicated Staff that Performs Insulation Inspections (e)	W	12	W	0
Formal Steam Maintenance Program that Includes the Following:				
Annual Testing of All Steam Traps	W	10	W	0
Maintaining a Steam Trap Database	17	10	4	0
Annual Inspections and Repairs of Steam Leaks	W	20	W	0
Measure Oxygen and Carbon Dioxide Levels (f)	12	16	4	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	W	12	W	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	12	16	4	--
	Cleaning of Heat Transfer Equipment (i)	12	16	4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	20	W	--
	Keep an Inventory of All Motors	W	25	W	--
	Identify the Major Energy Consuming Pumps (k)	13	13	6	--
	Detect and Control Compressed Air Leaks (l)	W	9	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	12	W	--
325182	Carbon Black				
	Full-Time Energy Manager (c)	14	6	4	--
	Set Goals for Improving Energy Efficiency	W	16	W	--
	Measure and Monitor Steam Used (d)	18	W	W	0
	Dedicated Staff that Performs Insulation Inspections (e)	16	W	W	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13	7	4	0
	Maintaining a Steam Trap Database	16	W	W	0
	Annual Inspections and Repairs of Steam Leaks	10	7	7	0
	Measure Oxygen and Carbon Dioxide Levels (f)	W	16	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	20	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	W	20	W	--
	Cleaning of Heat Transfer Equipment (i)	W	17	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	21	W	--
	Keep an Inventory of All Motors	W	18	W	--
	Identify the Major Energy Consuming Pumps (k)	10	7	7	--
	Detect and Control Compressed Air Leaks (l)	16	W	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	6	W	--
325188	Other Basic Inorganic Chemicals				
	Full-Time Energy Manager (c)	407	21	45	--
	Set Goals for Improving Energy Efficiency	266	135	72	--
	Measure and Monitor Steam Used (d)	333	103	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	361	67	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	294	103	W	W
	Maintaining a Steam Trap Database	330	64	W	W
	Annual Inspections and Repairs of Steam Leaks	252	156	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	239	121	113	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	320	74	79	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	225	180	68	--
	Cleaning of Heat Transfer Equipment (i)	182	202	89	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	177	234	62	--
	Keep an Inventory of All Motors	170	237	66	--
	Identify the Major Energy Consuming Pumps (k)	320	101	52	--
	Detect and Control Compressed Air Leaks (l)	321	109	43	--
	Track the Amount of Energy Spent in Compressed Air Systems	369	62	43	--
325192	Cyclic Crudes and Intermediates				
	Full-Time Energy Manager (c)	15	7	3	--
	Set Goals for Improving Energy Efficiency	6	15	4	--
	Measure and Monitor Steam Used (d)	9	13	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	13	9	3	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	8	10	6	0
	Maintaining a Steam Trap Database	11	9	4	0
	Annual Inspections and Repairs of Steam Leaks	5	16	4	0
	Measure Oxygen and Carbon Dioxide Levels (f)	6	15	4	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13	6	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	8	11	5	--
	Cleaning of Heat Transfer Equipment (i)	8	10	6	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5	15	5	--
	Keep an Inventory of All Motors	3	17	5	--
	Identify the Major Energy Consuming Pumps (k)	10	8	6	--
	Detect and Control Compressed Air Leaks (l)	11	9	4	--
	Track the Amount of Energy Spent in Compressed Air Systems	16	3	6	--
325193	Ethyl Alcohol				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Full-Time Energy Manager (c)	W	11	W	--
	Set Goals for Improving Energy Efficiency	12	44	9	--
	Measure and Monitor Steam Used (d)	15	45	5	0
	Dedicated Staff that Performs Insulation Inspections (e)	30	31	5	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	14	39	12	0
	Maintaining a Steam Trap Database	30	19	17	0
	Annual Inspections and Repairs of Steam Leaks	7	51	7	0
	Measure Oxygen and Carbon Dioxide Levels (f)	8	45	12	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13	44	8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	7	47	11	--
	Cleaning of Heat Transfer Equipment (i)	W	57	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4	53	8	--
	Keep an Inventory of All Motors	6	51	8	--
	Identify the Major Energy Consuming Pumps (k)	27	25	13	--
	Detect and Control Compressed Air Leaks (l)	27	27	11	--
	Track the Amount of Energy Spent in Compressed Air Systems	46	6	13	--
325199	Other Basic Organic Chemicals				
	Full-Time Energy Manager (c)	305	110	73	--
	Set Goals for Improving Energy Efficiency	172	257	58	--
	Measure and Monitor Steam Used (d)	243	188	57	0
	Dedicated Staff that Performs Insulation Inspections (e)	293	134	61	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	208	182	98	0
	Maintaining a Steam Trap Database	313	100	74	0
	Annual Inspections and Repairs of Steam Leaks	156	274	58	0
	Measure Oxygen and Carbon Dioxide Levels (f)	214	200	74	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	279	131	77	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	162	254	71	--
	Cleaning of Heat Transfer Equipment (i)	59	332	96	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	59	363	66	--
	Keep an Inventory of All Motors	118	273	96	--
	Identify the Major Energy Consuming Pumps (k)	259	152	76	--
	Detect and Control Compressed Air Leaks (l)	307	96	85	--
	Track the Amount of Energy Spent in Compressed Air Systems	349	59	80	--
325211	Plastics Materials and Resins				
	Full-Time Energy Manager (c)	395	83	80	--
	Set Goals for Improving Energy Efficiency	243	228	87	--
	Measure and Monitor Steam Used (d)	284	179	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	318	136	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	293	148	W	W
	Maintaining a Steam Trap Database	324	115	W	W
	Annual Inspections and Repairs of Steam Leaks	214	231	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	266	153	139	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	297	132	129	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	219	216	124	--
	Cleaning of Heat Transfer Equipment (i)	212	196	150	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	200	247	110	--
	Keep an Inventory of All Motors	117	318	123	--
	Identify the Major Energy Consuming Pumps (k)	270	171	117	--
	Detect and Control Compressed Air Leaks (l)	312	134	113	--
	Track the Amount of Energy Spent in Compressed Air Systems	336	95	126	--
325212	Synthetic Rubber				
	Full-Time Energy Manager (c)	75	13	4	--
	Set Goals for Improving Energy Efficiency	45	36	11	--
	Measure and Monitor Steam Used (d)	50	31	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	60	20	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	59	18	W	W
	Maintaining a Steam Trap Database	60	18	W	W
	Annual Inspections and Repairs of Steam Leaks	46	33	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	49	26	17	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	63	17	13	--
	Process Heating Maintenance Program that Includes the Following:				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Furnace Inspections (h)	47	33	11	--
	Cleaning of Heat Transfer Equipment (i)	39	40	13	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	25	52	15	--
	Keep an Inventory of All Motors	33	46	13	--
	Identify the Major Energy Consuming Pumps (k)	53	24	15	--
	Detect and Control Compressed Air Leaks (l)	60	20	13	--
	Track the Amount of Energy Spent in Compressed Air Systems	64	15	13	--
325222	Noncellulosic Organic Fibers				
	Full-Time Energy Manager (c)	46	24	7	--
	Set Goals for Improving Energy Efficiency	32	36	8	--
	Measure and Monitor Steam Used (d)	32	36	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	48	21	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	28	39	10	0
	Maintaining a Steam Trap Database	34	35	8	0
	Annual Inspections and Repairs of Steam Leaks	22	48	7	0
	Measure Oxygen and Carbon Dioxide Levels (f)	36	29	11	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	43	25	8	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	28	38	11	--
	Cleaning of Heat Transfer Equipment (i)	25	42	10	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	14	53	10	--
	Keep an Inventory of All Motors	32	41	4	--
	Identify the Major Energy Consuming Pumps (k)	35	29	13	--
	Detect and Control Compressed Air Leaks (l)	41	31	6	--
	Track the Amount of Energy Spent in Compressed Air Systems	45	27	6	--
325311	Nitrogenous Fertilizers				
	Full-Time Energy Manager (c)	47	13	5	--
	Set Goals for Improving Energy Efficiency	27	28	10	--
	Measure and Monitor Steam Used (d)	26	31	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	34	22	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	33	18	W	W
	Maintaining a Steam Trap Database	33	16	W	W
	Annual Inspections and Repairs of Steam Leaks	23	32	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	16	38	11	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	30	25	10	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	12	43	10	--
	Cleaning of Heat Transfer Equipment (i)	14	40	11	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	12	42	11	--
	Keep an Inventory of All Motors	15	39	11	--
	Identify the Major Energy Consuming Pumps (k)	30	25	10	--
	Detect and Control Compressed Air Leaks (l)	40	17	8	--
	Track the Amount of Energy Spent in Compressed Air Systems	47	9	10	--
325312	Phosphatic Fertilizers				
	Full-Time Energy Manager (c)	W	8	W	--
	Set Goals for Improving Energy Efficiency	15	13	4	--
	Measure and Monitor Steam Used (d)	8	16	8	0
	Dedicated Staff that Performs Insulation Inspections (e)	15	12	5	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	13	13	5	0
	Maintaining a Steam Trap Database	12	15	5	0
	Annual Inspections and Repairs of Steam Leaks	9	17	5	0
	Measure Oxygen and Carbon Dioxide Levels (f)	13	13	5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	9	16	7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	5	23	4	--
	Cleaning of Heat Transfer Equipment (i)	5	23	4	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5	23	4	--
	Keep an Inventory of All Motors	W	27	W	--
	Identify the Major Energy Consuming Pumps (k)	12	9	11	--
	Detect and Control Compressed Air Leaks (l)	15	11	7	--
	Track the Amount of Energy Spent in Compressed Air Systems	21	W	W	--
3254	Pharmaceuticals and Medicines				
	Full-Time Energy Manager (c)	868	161	93	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Set Goals for Improving Energy Efficiency	636	275	212	--
	Measure and Monitor Steam Used (d)	826	68	219	10
	Dedicated Staff that Performs Insulation Inspections (e)	699	241	178	6
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	648	295	174	6
	Maintaining a Steam Trap Database	745	198	174	6
	Annual Inspections and Repairs of Steam Leaks	466	452	200	6
	Measure Oxygen and Carbon Dioxide Levels (f)	467	377	279	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	796	118	209	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	267	653	203	--
	Cleaning of Heat Transfer Equipment (i)	230	690	202	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	206	768	149	--
	Keep an Inventory of All Motors	427	493	203	--
	Identify the Major Energy Consuming Pumps (k)	741	221	161	--
	Detect and Control Compressed Air Leaks (l)	599	334	190	--
	Track the Amount of Energy Spent in Compressed Air Systems	816	102	205	--
325412	Pharmaceutical Preparation				
	Full-Time Energy Manager (c)	444	71	66	--
	Set Goals for Improving Energy Efficiency	303	159	119	--
	Measure and Monitor Steam Used (d)	437	42	92	9
	Dedicated Staff that Performs Insulation Inspections (e)	354	117	105	4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	316	180	80	4
	Maintaining a Steam Trap Database	385	105	86	4
	Annual Inspections and Repairs of Steam Leaks	224	240	112	4
	Measure Oxygen and Carbon Dioxide Levels (f)	230	220	130	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	429	67	84	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	109	397	74	--
	Cleaning of Heat Transfer Equipment (i)	105	365	111	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	66	419	95	--
	Keep an Inventory of All Motors	226	245	109	--
	Identify the Major Energy Consuming Pumps (k)	380	116	84	--
	Detect and Control Compressed Air Leaks (l)	338	127	115	--
	Track the Amount of Energy Spent in Compressed Air Systems	437	35	108	--
325992	Photographic Film, Paper, Plate, and Chemicals				
	Full-Time Energy Manager (c)	119	17	10	--
	Set Goals for Improving Energy Efficiency	75	49	21	--
	Measure and Monitor Steam Used (d)	103	10	20	13
	Dedicated Staff that Performs Insulation Inspections (e)	108	10	17	11
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	90	23	20	13
	Maintaining a Steam Trap Database	98	13	23	13
	Annual Inspections and Repairs of Steam Leaks	85	29	20	13
	Measure Oxygen and Carbon Dioxide Levels (f)	97	33	16	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	113	14	18	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	85	43	18	--
	Cleaning of Heat Transfer Equipment (i)	83	37	26	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	77	49	20	--
	Keep an Inventory of All Motors	84	46	16	--
	Identify the Major Energy Consuming Pumps (k)	104	21	21	--
	Detect and Control Compressed Air Leaks (l)	88	36	23	--
	Track the Amount of Energy Spent in Compressed Air Systems	110	14	21	--
326	PLASTICS AND RUBBER PRODUCTS				
	Full-Time Energy Manager (c)	8,263	482	1,079	--
	Set Goals for Improving Energy Efficiency	5,398	2,416	2,009	--
	Measure and Monitor Steam Used (d)	7,356	353	1,748	365
	Dedicated Staff that Performs Insulation Inspections (e)	7,260	557	1,641	365
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	6,784	966	1,707	365
	Maintaining a Steam Trap Database	7,304	277	1,876	365
	Annual Inspections and Repairs of Steam Leaks	6,393	1,301	1,764	365
	Measure Oxygen and Carbon Dioxide Levels (f)	6,309	1,120	2,394	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6,958	567	2,298	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	4,577	3,132	2,114	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Cleaning of Heat Transfer Equipment (i)	4,323	3,263	2,237	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	3,614	4,048	2,161	--
	Keep an Inventory of All Motors	4,365	3,388	2,070	--
	Identify the Major Energy Consuming Pumps (k)	6,095	1,448	2,281	--
	Detect and Control Compressed Air Leaks (l)	4,598	3,190	2,035	--
	Track the Amount of Energy Spent in Compressed Air Systems	7,077	601	2,145	--
327	NONMETALLIC MINERAL PRODUCTS				
	Full-Time Energy Manager (c)	9,293	666	2,017	--
	Set Goals for Improving Energy Efficiency	6,789	2,236	2,951	--
	Measure and Monitor Steam Used (d)	8,687	190	2,630	469
	Dedicated Staff that Performs Insulation Inspections (e)	8,406	431	2,660	478
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	8,021	547	2,818	591
	Maintaining a Steam Trap Database	8,546	121	2,750	560
	Annual Inspections and Repairs of Steam Leaks	7,892	846	2,649	590
	Measure Oxygen and Carbon Dioxide Levels (f)	7,259	1,160	3,557	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	8,127	780	3,069	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	5,024	3,628	3,324	--
	Cleaning of Heat Transfer Equipment (i)	5,159	3,453	3,364	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4,597	4,032	3,347	--
	Keep an Inventory of All Motors	5,528	3,301	3,147	--
	Identify the Major Energy Consuming Pumps (k)	7,621	1,009	3,346	--
	Detect and Control Compressed Air Leaks (l)	6,295	2,379	3,302	--
	Track the Amount of Energy Spent in Compressed Air Systems	8,456	268	3,252	--
327211	Flat Glass				
	Full-Time Energy Manager (c)	29	9	4	--
	Set Goals for Improving Energy Efficiency	20	18	4	--
	Measure and Monitor Steam Used (d)	32	W	8	W
	Dedicated Staff that Performs Insulation Inspections (e)	33	0	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	29	4	W	W
	Maintaining a Steam Trap Database	31	W	9	W
	Annual Inspections and Repairs of Steam Leaks	28	4	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	8	27	8	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	10	25	7	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	3	32	7	--
	Cleaning of Heat Transfer Equipment (i)	9	25	8	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4	32	6	--
	Keep an Inventory of All Motors	10	25	7	--
	Identify the Major Energy Consuming Pumps (k)	19	18	6	--
	Detect and Control Compressed Air Leaks (l)	20	15	7	--
	Track the Amount of Energy Spent in Compressed Air Systems	25	10	7	--
327212	Other Pressed and Blown Glass and Glassware				
	Full-Time Energy Manager (c)	113	25	19	--
	Set Goals for Improving Energy Efficiency	83	45	29	--
	Measure and Monitor Steam Used (d)	134	W	19	W
	Dedicated Staff that Performs Insulation Inspections (e)	111	W	42	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	116	Q	W	W
	Maintaining a Steam Trap Database	120	Q	W	W
	Annual Inspections and Repairs of Steam Leaks	115	Q	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	62	54	41	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	103	17	36	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	34	90	33	--
	Cleaning of Heat Transfer Equipment (i)	46	84	27	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	34	100	23	--
	Keep an Inventory of All Motors	75	59	24	--
	Identify the Major Energy Consuming Pumps (k)	113	16	28	--
	Detect and Control Compressed Air Leaks (l)	79	53	25	--
	Track the Amount of Energy Spent in Compressed Air Systems	96	Q	37	--
327213	Glass Containers				
	Full-Time Energy Manager (c)	W	17	W	--
	Set Goals for Improving Energy Efficiency	29	22	3	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Measure and Monitor Steam Used (d)	48	W	W	0
	Dedicated Staff that Performs Insulation Inspections (e)	47	W	W	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	45	3	7	0
	Maintaining a Steam Trap Database	48	0	7	0
	Annual Inspections and Repairs of Steam Leaks	45	3	7	0
	Measure Oxygen and Carbon Dioxide Levels (f)	3	47	5	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	17	34	3	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	W	52	W	--
	Cleaning of Heat Transfer Equipment (i)	7	45	3	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	0	W	W	--
	Keep an Inventory of All Motors	8	26	21	--
	Identify the Major Energy Consuming Pumps (k)	13	18	24	--
	Detect and Control Compressed Air Leaks (l)	23	25	7	--
	Track the Amount of Energy Spent in Compressed Air Systems	26	22	7	--
327215	Glass Products from Purchased Glass				
	Full-Time Energy Manager (c)	658	31	79	--
	Set Goals for Improving Energy Efficiency	504	125	139	--
	Measure and Monitor Steam Used (d)	616	W	W	24
	Dedicated Staff that Performs Insulation Inspections (e)	602	16	126	24
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	527	53	163	25
	Maintaining a Steam Trap Database	580	4	159	25
	Annual Inspections and Repairs of Steam Leaks	526	57	160	25
	Measure Oxygen and Carbon Dioxide Levels (f)	575	34	159	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	590	26	152	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	347	267	154	--
	Cleaning of Heat Transfer Equipment (i)	392	234	142	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	352	274	142	--
	Keep an Inventory of All Motors	443	170	155	--
	Identify the Major Energy Consuming Pumps (k)	593	40	135	--
	Detect and Control Compressed Air Leaks (l)	516	129	123	--
	Track the Amount of Energy Spent in Compressed Air Systems	605	17	145	--
327310	Cements				
	Full-Time Energy Manager (c)	130	38	20	--
	Set Goals for Improving Energy Efficiency	51	115	22	--
	Measure and Monitor Steam Used (d)	121	8	41	18
	Dedicated Staff that Performs Insulation Inspections (e)	121	3	48	16
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	121	4	48	15
	Maintaining a Steam Trap Database	121	W	W	15
	Annual Inspections and Repairs of Steam Leaks	120	3	51	14
	Measure Oxygen and Carbon Dioxide Levels (f)	76	76	36	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	68	70	50	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	47	105	36	--
	Cleaning of Heat Transfer Equipment (i)	56	87	45	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	43	101	44	--
	Keep an Inventory of All Motors	42	108	38	--
	Identify the Major Energy Consuming Pumps (k)	96	37	55	--
	Detect and Control Compressed Air Leaks (l)	91	42	56	--
	Track the Amount of Energy Spent in Compressed Air Systems	104	28	57	--
327410	Lime				
	Full-Time Energy Manager (c)	53	W	W	--
	Set Goals for Improving Energy Efficiency	10	45	7	--
	Measure and Monitor Steam Used (d)	50	W	W	4
	Dedicated Staff that Performs Insulation Inspections (e)	45	W	W	4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	47	0	11	4
	Maintaining a Steam Trap Database	50	0	9	4
	Annual Inspections and Repairs of Steam Leaks	45	W	W	4
	Measure Oxygen and Carbon Dioxide Levels (f)	16	30	16	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	22	29	11	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	11	34	17	--
	Cleaning of Heat Transfer Equipment (i)	26	24	12	--

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NAICS Code(a)	Energy-Management Activity	No Participation	Participation(b)	Don't Know	Not Applicable
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	10	40	12	--
	Keep an Inventory of All Motors	10	44	9	--
	Identify the Major Energy Consuming Pumps (k)	41	9	12	--
	Detect and Control Compressed Air Leaks (l)	38	16	9	--
	Track the Amount of Energy Spent in Compressed Air Systems	50	4	9	--
327420	Gypsum				
	Full-Time Energy Manager (c)	128	11	5	--
	Set Goals for Improving Energy Efficiency	44	79	22	--
	Measure and Monitor Steam Used (d)	128	W	13	W
	Dedicated Staff that Performs Insulation Inspections (e)	131	W	W	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	87	W	54	W
	Maintaining a Steam Trap Database	89	0	W	W
	Annual Inspections and Repairs of Steam Leaks	125	3	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	110	24	11	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	79	60	6	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	41	89	Q	--
	Cleaning of Heat Transfer Equipment (i)	48	77	20	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	56	74	16	--
	Keep an Inventory of All Motors	36	95	Q	--
	Identify the Major Energy Consuming Pumps (k)	99	30	16	--
	Detect and Control Compressed Air Leaks (l)	72	57	16	--
	Track the Amount of Energy Spent in Compressed Air Systems	124	13	8	--
327993	Mineral Wool				
	Full-Time Energy Manager (c)	158	16	15	--
	Set Goals for Improving Energy Efficiency	135	39	15	--
	Measure and Monitor Steam Used (d)	167	6	16	0
	Dedicated Staff that Performs Insulation Inspections (e)	156	W	W	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	154	3	31	0
	Maintaining a Steam Trap Database	152	4	32	0
	Annual Inspections and Repairs of Steam Leaks	145	10	33	0
	Measure Oxygen and Carbon Dioxide Levels (f)	132	15	41	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	135	10	43	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	50	104	34	--
	Cleaning of Heat Transfer Equipment (i)	48	105	35	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	47	103	38	--
	Keep an Inventory of All Motors	106	44	38	--
	Identify the Major Energy Consuming Pumps (k)	125	19	44	--
	Detect and Control Compressed Air Leaks (l)	126	26	37	--
	Track the Amount of Energy Spent in Compressed Air Systems	139	11	38	--
331	PRIMARY METALS				
	Full-Time Energy Manager (c)	2,594	316	380	--
	Set Goals for Improving Energy Efficiency	1,763	933	594	--
	Measure and Monitor Steam Used (d)	2,476	107	626	81
	Dedicated Staff that Performs Insulation Inspections (e)	2,391	194	624	81
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,279	228	699	85
	Maintaining a Steam Trap Database	2,411	59	735	85
	Annual Inspections and Repairs of Steam Leaks	2,175	375	657	83
	Measure Oxygen and Carbon Dioxide Levels (f)	1,828	623	839	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,168	433	690	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,041	1,655	595	--
	Cleaning of Heat Transfer Equipment (i)	1,152	1,419	719	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	972	1,694	624	--
	Keep an Inventory of All Motors	1,331	1,319	640	--
	Identify the Major Energy Consuming Pumps (k)	2,035	556	698	--
	Detect and Control Compressed Air Leaks (l)	1,662	1,041	588	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,380	280	630	--
331111	Iron and Steel Mills				
	Full-Time Energy Manager (c)	257	58	33	--
	Set Goals for Improving Energy Efficiency	158	148	43	--
	Measure and Monitor Steam Used (d)	236	45	60	7

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Dedicated Staff that Performs Insulation Inspections (e)	W	W	61	7
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	236	40	64	9
	Maintaining a Steam Trap Database	259	13	68	9
	Annual Inspections and Repairs of Steam Leaks	212	65	64	7
	Measure Oxygen and Carbon Dioxide Levels (f)	W	109	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	99	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	94	205	50	--
	Cleaning of Heat Transfer Equipment (i)	115	178	55	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	94	209	45	--
	Keep an Inventory of All Motors	104	189	55	--
	Identify the Major Energy Consuming Pumps (k)	216	72	60	--
	Detect and Control Compressed Air Leaks (l)	189	W	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	240	47	61	--
33112	Electrometallurgical Ferroalloy Products				
	Full-Time Energy Manager (c)	W	W	0	--
	Set Goals for Improving Energy Efficiency	11	7	0	--
	Measure and Monitor Steam Used (d)	14	5	0	0
	Dedicated Staff that Performs Insulation Inspections (e)	W	W	0	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	W	0	0
	Maintaining a Steam Trap Database	18	0	0	0
	Annual Inspections and Repairs of Steam Leaks	11	7	0	0
	Measure Oxygen and Carbon Dioxide Levels (f)	W	5	W	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	W	0	W	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	5	14	0	--
	Cleaning of Heat Transfer Equipment (i)	W	9	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	W	0	--
	Keep an Inventory of All Motors	0	18	0	--
	Identify the Major Energy Consuming Pumps (k)	18	0	0	--
	Detect and Control Compressed Air Leaks (l)	14	W	W	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	W	0	--
3312	Steel Products from Purchased Steel				
	Full-Time Energy Manager (c)	W	W	72	--
	Set Goals for Improving Energy Efficiency	263	87	96	--
	Measure and Monitor Steam Used (d)	335	5	83	23
	Dedicated Staff that Performs Insulation Inspections (e)	305	28	91	23
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	295	34	94	23
	Maintaining a Steam Trap Database	328	5	90	23
	Annual Inspections and Repairs of Steam Leaks	265	59	99	23
	Measure Oxygen and Carbon Dioxide Levels (f)	254	75	116	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	304	44	98	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	174	176	96	--
	Cleaning of Heat Transfer Equipment (i)	192	151	103	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	W	W	100	--
	Keep an Inventory of All Motors	173	190	83	--
	Identify the Major Energy Consuming Pumps (k)	283	75	87	--
	Detect and Control Compressed Air Leaks (l)	237	114	94	--
	Track the Amount of Energy Spent in Compressed Air Systems	W	W	105	--
3313	Alumina and Aluminum				
	Full-Time Energy Manager (c)	287	40	57	--
	Set Goals for Improving Energy Efficiency	171	120	93	--
	Measure and Monitor Steam Used (d)	280	11	79	14
	Dedicated Staff that Performs Insulation Inspections (e)	263	26	82	13
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	W	W	93	13
	Maintaining a Steam Trap Database	256	16	99	13
	Annual Inspections and Repairs of Steam Leaks	228	46	97	13
	Measure Oxygen and Carbon Dioxide Levels (f)	112	112	101	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	216	74	94	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	61	246	77	--
	Cleaning of Heat Transfer Equipment (i)	W	207	W	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	66	247	71	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Keep an Inventory of All Motors	135	165	84	--
	Identify the Major Energy Consuming Pumps (k)	210	65	109	--
	Detect and Control Compressed Air Leaks (l)	189	106	89	--
	Track the Amount of Energy Spent in Compressed Air Systems	260	40	84	--
331314	Secondary Smelting and Alloying of Aluminum				
	Full-Time Energy Manager (c)	82	6	10	--
	Set Goals for Improving Energy Efficiency	39	33	25	--
	Measure and Monitor Steam Used (d)	71	W	W	0
	Dedicated Staff that Performs Insulation Inspections (e)	68	4	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	65	W	28	W
	Maintaining a Steam Trap Database	67	W	28	W
	Annual Inspections and Repairs of Steam Leaks	60	7	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	44	30	22	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	60	14	24	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	21	62	14	--
	Cleaning of Heat Transfer Equipment (i)	21	58	18	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	21	62	14	--
	Keep an Inventory of All Motors	30	43	24	--
	Identify the Major Energy Consuming Pumps (k)	58	11	28	--
	Detect and Control Compressed Air Leaks (l)	49	26	22	--
	Track the Amount of Energy Spent in Compressed Air Systems	71	4	22	--
331315	Aluminum Sheet, Plate and Foils				
	Full-Time Energy Manager (c)	35	16	5	--
	Set Goals for Improving Energy Efficiency	24	27	5	--
	Measure and Monitor Steam Used (d)	38	5	W	W
	Dedicated Staff that Performs Insulation Inspections (e)	36	9	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	32	11	W	W
	Maintaining a Steam Trap Database	35	5	W	W
	Annual Inspections and Repairs of Steam Leaks	31	11	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	17	25	14	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	32	15	9	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	4	45	7	--
	Cleaning of Heat Transfer Equipment (i)	12	36	7	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	5	46	5	--
	Keep an Inventory of All Motors	14	36	6	--
	Identify the Major Energy Consuming Pumps (k)	23	19	15	--
	Detect and Control Compressed Air Leaks (l)	24	20	12	--
	Track the Amount of Energy Spent in Compressed Air Systems	33	9	15	--
331316	Aluminum Extruded Products				
	Full-Time Energy Manager (c)	106	9	35	--
	Set Goals for Improving Energy Efficiency	74	22	54	--
	Measure and Monitor Steam Used (d)	101	0	38	11
	Dedicated Staff that Performs Insulation Inspections (e)	93	7	40	10
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	92	8	40	10
	Maintaining a Steam Trap Database	97	W	W	10
	Annual Inspections and Repairs of Steam Leaks	92	8	40	10
	Measure Oxygen and Carbon Dioxide Levels (f)	73	30	48	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	76	25	49	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	26	79	45	--
	Cleaning of Heat Transfer Equipment (i)	38	60	52	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	26	81	43	--
	Keep an Inventory of All Motors	62	41	46	--
	Identify the Major Energy Consuming Pumps (k)	83	18	49	--
	Detect and Control Compressed Air Leaks (l)	71	36	42	--
	Track the Amount of Energy Spent in Compressed Air Systems	102	10	38	--
3314	Nonferrous Metals, except Aluminum				
	Full-Time Energy Manager (c)	477	60	37	--
	Set Goals for Improving Energy Efficiency	304	160	110	--
	Measure and Monitor Steam Used (d)	485	23	56	10
	Dedicated Staff that Performs Insulation Inspections (e)	451	21	94	8

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	414	48	103	8
	Maintaining a Steam Trap Database	448	15	102	8
	Annual Inspections and Repairs of Steam Leaks	441	56	69	8
	Measure Oxygen and Carbon Dioxide Levels (f)	333	82	159	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	398	58	118	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	275	173	126	--
	Cleaning of Heat Transfer Equipment (i)	262	192	120	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	238	217	119	--
	Keep an Inventory of All Motors	229	277	68	--
	Identify the Major Energy Consuming Pumps (k)	386	99	89	--
	Detect and Control Compressed Air Leaks (l)	316	174	83	--
	Track the Amount of Energy Spent in Compressed Air Systems	414	49	111	--
3315	Foundries				
	Full-Time Energy Manager (c)	1,196	143	181	--
	Set Goals for Improving Energy Efficiency	855	411	253	--
	Measure and Monitor Steam Used (d)	1,126	18	348	28
	Dedicated Staff that Performs Insulation Inspections (e)	1,108	86	296	30
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	1,072	73	344	32
	Maintaining a Steam Trap Database	1,103	10	376	32
	Annual Inspections and Repairs of Steam Leaks	1,019	141	328	32
	Measure Oxygen and Carbon Dioxide Levels (f)	884	241	395	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	1,038	157	325	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	432	841	247	--
	Cleaning of Heat Transfer Equipment (i)	490	682	348	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	426	805	289	--
	Keep an Inventory of All Motors	691	480	350	--
	Identify the Major Energy Consuming Pumps (k)	921	245	354	--
	Detect and Control Compressed Air Leaks (l)	716	542	262	--
	Track the Amount of Energy Spent in Compressed Air Systems	1,131	120	269	--
331511	Iron Foundries				
	Full-Time Energy Manager (c)	315	34	31	--
	Set Goals for Improving Energy Efficiency	240	97	41	--
	Measure and Monitor Steam Used (d)	300	8	57	13
	Dedicated Staff that Performs Insulation Inspections (e)	290	6	70	13
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	288	8	66	16
	Maintaining a Steam Trap Database	288	6	69	16
	Annual Inspections and Repairs of Steam Leaks	278	14	70	16
	Measure Oxygen and Carbon Dioxide Levels (f)	268	43	68	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	294	23	62	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	156	172	51	--
	Cleaning of Heat Transfer Equipment (i)	183	139	57	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	153	166	59	--
	Keep an Inventory of All Motors	189	139	51	--
	Identify the Major Energy Consuming Pumps (k)	252	63	63	--
	Detect and Control Compressed Air Leaks (l)	223	107	49	--
	Track the Amount of Energy Spent in Compressed Air Systems	287	39	53	--
331521	Aluminum Die-Casting Foundries				
	Full-Time Energy Manager (c)	127	32	Q	--
	Set Goals for Improving Energy Efficiency	86	59	Q	--
	Measure and Monitor Steam Used (d)	121	3	56	Q
	Dedicated Staff that Performs Insulation Inspections (e)	132	W	46	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	122	W	57	W
	Maintaining a Steam Trap Database	123	W	56	W
	Annual Inspections and Repairs of Steam Leaks	121	W	57	W
	Measure Oxygen and Carbon Dioxide Levels (f)	95	44	47	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	103	37	45	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	23	127	Q	--
	Cleaning of Heat Transfer Equipment (i)	50	100	Q	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	28	119	Q	--
	Keep an Inventory of All Motors	100	40	45	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Identify the Major Energy Consuming Pumps (k)	83	52	50	--
	Detect and Control Compressed Air Leaks (l)	79	65	Q	--
	Track the Amount of Energy Spent in Compressed Air Systems	114	17	54	--
331524	Aluminum Foundries, except Die-Casting				
	Full-Time Energy Manager (c)	247	26	37	--
	Set Goals for Improving Energy Efficiency	162	88	60	--
	Measure and Monitor Steam Used (d)	235	W	68	W
	Dedicated Staff that Performs Insulation Inspections (e)	234	10	61	5
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	227	5	73	5
	Maintaining a Steam Trap Database	220	W	83	W
	Annual Inspections and Repairs of Steam Leaks	213	7	84	5
	Measure Oxygen and Carbon Dioxide Levels (f)	181	42	86	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	205	33	71	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	70	178	61	--
	Cleaning of Heat Transfer Equipment (i)	80	151	77	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	73	173	63	--
	Keep an Inventory of All Motors	144	82	83	--
	Identify the Major Energy Consuming Pumps (k)	202	29	78	--
	Detect and Control Compressed Air Leaks (l)	144	105	60	--
	Track the Amount of Energy Spent in Compressed Air Systems	227	16	66	--
332	FABRICATED METAL PRODUCTS				
	Full-Time Energy Manager (c)	30,669	804	4,127	--
	Set Goals for Improving Energy Efficiency	23,685	4,670	7,245	--
	Measure and Monitor Steam Used (d)	28,478	Q	5,487	1,455
	Dedicated Staff that Performs Insulation Inspections (e)	27,792	731	5,780	1,296
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	27,677	608	5,860	1,455
	Maintaining a Steam Trap Database	27,953	Q	6,019	1,455
	Annual Inspections and Repairs of Steam Leaks	27,268	844	6,032	1,455
	Measure Oxygen and Carbon Dioxide Levels (f)	25,724	2,218	7,658	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	27,220	905	7,475	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	19,884	8,393	7,323	--
	Cleaning of Heat Transfer Equipment (i)	19,505	7,813	8,282	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	20,319	7,465	7,816	--
	Keep an Inventory of All Motors	21,771	5,887	7,942	--
	Identify the Major Energy Consuming Pumps (k)	26,553	1,544	7,503	--
	Detect and Control Compressed Air Leaks (l)	21,941	6,163	7,495	--
	Track the Amount of Energy Spent in Compressed Air Systems	27,424	1,094	7,082	--
333	MACHINERY				
	Full-Time Energy Manager (c)	14,447	300	1,548	--
	Set Goals for Improving Energy Efficiency	10,952	2,437	2,907	--
	Measure and Monitor Steam Used (d)	13,450	Q	2,174	650
	Dedicated Staff that Performs Insulation Inspections (e)	13,078	359	2,209	650
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	12,921	348	2,377	650
	Maintaining a Steam Trap Database	13,356	Q	2,153	650
	Annual Inspections and Repairs of Steam Leaks	12,692	718	2,237	650
	Measure Oxygen and Carbon Dioxide Levels (f)	12,445	984	2,867	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	13,674	303	2,319	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	8,595	4,281	3,419	--
	Cleaning of Heat Transfer Equipment (i)	8,053	4,689	3,554	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	8,963	4,140	3,193	--
	Keep an Inventory of All Motors	9,807	2,883	3,607	--
	Identify the Major Energy Consuming Pumps (k)	12,154	959	3,184	--
	Detect and Control Compressed Air Leaks (l)	10,326	2,920	3,050	--
	Track the Amount of Energy Spent in Compressed Air Systems	12,773	367	3,156	--
334	COMPUTER AND ELECTRONIC PRODUCTS				
	Full-Time Energy Manager (c)	6,788	624	776	--
	Set Goals for Improving Energy Efficiency	5,504	1,377	1,307	--
	Measure and Monitor Steam Used (d)	6,779	71	1,024	315
	Dedicated Staff that Performs Insulation Inspections (e)	6,598	254	1,055	281
	Formal Steam Maintenance Program that Includes the Following:				

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Annual Testing of All Steam Traps	6,362	354	1,127	344
	Maintaining a Steam Trap Database	6,495	233	1,116	344
	Annual Inspections and Repairs of Steam Leaks	6,160	593	1,090	344
	Measure Oxygen and Carbon Dioxide Levels (f)	6,553	558	1,076	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	6,820	204	1,163	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	4,472	2,127	1,589	--
	Cleaning of Heat Transfer Equipment (i)	4,381	1,892	1,914	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4,094	2,337	1,757	--
	Keep an Inventory of All Motors	5,421	1,159	1,608	--
	Identify the Major Energy Consuming Pumps (k)	6,336	671	1,182	--
	Detect and Control Compressed Air Leaks (l)	5,965	982	1,241	--
	Track the Amount of Energy Spent in Compressed Air Systems	6,618	425	1,145	--
334413	Semiconductors and Related Devices				
	Full-Time Energy Manager (c)	343	51	127	--
	Set Goals for Improving Energy Efficiency	239	128	156	--
	Measure and Monitor Steam Used (d)	356	22	141	4
	Dedicated Staff that Performs Insulation Inspections (e)	330	47	141	4
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	324	48	W	W
	Maintaining a Steam Trap Database	336	39	W	W
	Annual Inspections and Repairs of Steam Leaks	316	62	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	240	90	192	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	344	25	152	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	125	220	178	--
	Cleaning of Heat Transfer Equipment (i)	147	194	182	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	119	217	186	--
	Keep an Inventory of All Motors	181	150	191	--
	Identify the Major Energy Consuming Pumps (k)	289	96	137	--
	Detect and Control Compressed Air Leaks (l)	226	132	164	--
	Track the Amount of Energy Spent in Compressed Air Systems	302	55	165	--
335	ELEC. EQUIP., APPLIANCES, COMPONENTS				
	Full-Time Energy Manager (c)	3,160	264	172	--
	Set Goals for Improving Energy Efficiency	2,377	938	281	--
	Measure and Monitor Steam Used (d)	2,860	Q	412	294
	Dedicated Staff that Performs Insulation Inspections (e)	2,785	139	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	2,652	243	W	W
	Maintaining a Steam Trap Database	2,887	8	W	W
	Annual Inspections and Repairs of Steam Leaks	2,590	270	W	W
	Measure Oxygen and Carbon Dioxide Levels (f)	2,735	278	583	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	2,995	63	539	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	1,910	1,166	520	--
	Cleaning of Heat Transfer Equipment (i)	2,072	1,042	482	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	1,818	1,281	497	--
	Keep an Inventory of All Motors	2,384	742	470	--
	Identify the Major Energy Consuming Pumps (k)	2,771	444	380	--
	Detect and Control Compressed Air Leaks (l)	2,318	920	358	--
	Track the Amount of Energy Spent in Compressed Air Systems	2,977	307	312	--
336	TRANSPORTATION EQUIPMENT				
	Full-Time Energy Manager (c)	5,370	771	883	--
	Set Goals for Improving Energy Efficiency	3,517	2,322	1,185	--
	Measure and Monitor Steam Used (d)	5,185	209	1,421	208
	Dedicated Staff that Performs Insulation Inspections (e)	5,297	326	1,285	116
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	5,158	316	1,390	160
	Maintaining a Steam Trap Database	5,232	188	1,428	175
	Annual Inspections and Repairs of Steam Leaks	4,980	436	1,432	177
	Measure Oxygen and Carbon Dioxide Levels (f)	4,705	798	1,522	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	5,212	316	1,496	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	3,205	2,316	1,503	--
	Cleaning of Heat Transfer Equipment (i)	3,130	2,220	1,674	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	3,155	2,224	1,645	--
	Keep an Inventory of All Motors	3,291	1,983	1,750	--
	Identify the Major Energy Consuming Pumps (k)	4,329	1,059	1,636	--

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
	Detect and Control Compressed Air Leaks (l)	3,844	1,841	1,340	--
	Track the Amount of Energy Spent in Compressed Air Systems	5,073	707	1,244	--
336111	Automobiles				
	Full-Time Energy Manager (c)	42	27	8	--
	Set Goals for Improving Energy Efficiency	22	43	12	--
	Measure and Monitor Steam Used (d)	46	14	13	3
	Dedicated Staff that Performs Insulation Inspections (e)	53	8	W	W
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	50	8	14	4
	Maintaining a Steam Trap Database	53	5	14	4
	Annual Inspections and Repairs of Steam Leaks	49	10	13	4
	Measure Oxygen and Carbon Dioxide Levels (f)	35	29	14	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	52	12	13	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	29	32	16	--
	Cleaning of Heat Transfer Equipment (i)	19	37	21	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	19	41	17	--
	Keep an Inventory of All Motors	35	27	14	--
	Identify the Major Energy Consuming Pumps (k)	33	30	14	--
	Detect and Control Compressed Air Leaks (l)	33	33	12	--
	Track the Amount of Energy Spent in Compressed Air Systems	31	34	12	--
336112	Light Trucks and Utility Vehicles				
	Full-Time Energy Manager (c)	14	27	6	--
	Set Goals for Improving Energy Efficiency	5	36	6	--
	Measure and Monitor Steam Used (d)	19	19	9	0
	Dedicated Staff that Performs Insulation Inspections (e)	28	10	9	0
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	24	14	9	0
	Maintaining a Steam Trap Database	24	10	13	0
	Annual Inspections and Repairs of Steam Leaks	15	22	10	0
	Measure Oxygen and Carbon Dioxide Levels (f)	9	28	10	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	24	13	10	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	6	33	8	--
	Cleaning of Heat Transfer Equipment (i)	5	32	10	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	4	34	9	--
	Keep an Inventory of All Motors	14	20	13	--
	Identify the Major Energy Consuming Pumps (k)	11	27	9	--
	Detect and Control Compressed Air Leaks (l)	18	20	9	--
	Track the Amount of Energy Spent in Compressed Air Systems	6	32	9	--
3364	Aerospace Products				
	Full-Time Energy Manager (c)	643	112	154	--
	Set Goals for Improving Energy Efficiency	426	311	173	--
	Measure and Monitor Steam Used (d)	669	13	186	42
	Dedicated Staff that Performs Insulation Inspections (e)	640	45	185	40
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	626	59	202	22
	Maintaining a Steam Trap Database	646	29	198	37
	Annual Inspections and Repairs of Steam Leaks	600	76	195	39
	Measure Oxygen and Carbon Dioxide Levels (f)	512	133	265	--
	Use Flue Gas to Preheat Other Equipment or Processes (g)	614	27	269	--
	Process Heating Maintenance Program that Includes the Following:				
	Furnace Inspections (h)	334	362	214	--
	Cleaning of Heat Transfer Equipment (i)	313	338	259	--
	Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	339	314	257	--
	Keep an Inventory of All Motors	378	188	343	--
	Identify the Major Energy Consuming Pumps (k)	483	166	261	--
	Detect and Control Compressed Air Leaks (l)	499	206	205	--
	Track the Amount of Energy Spent in Compressed Air Systems	674	68	169	--
336411	Aircraft				
	Full-Time Energy Manager (c)	73	24	8	--
	Set Goals for Improving Energy Efficiency	38	47	20	--
	Measure and Monitor Steam Used (d)	87	5	11	3
	Dedicated Staff that Performs Insulation Inspections (e)	82	9	11	3
	Formal Steam Maintenance Program that Includes the Following:				
	Annual Testing of All Steam Traps	73	11	14	8

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;**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	Not Applicable
Maintaining a Steam Trap Database	81	3	15	6
Annual Inspections and Repairs of Steam Leaks	70	12	15	8
Measure Oxygen and Carbon Dioxide Levels (f)	62	23	20	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	72	11	23	--
Process Heating Maintenance Program that Includes the Following:				
Furnace Inspections (h)	38	43	24	--
Cleaning of Heat Transfer Equipment (i)	40	41	24	--
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	38	40	27	--
Keep an Inventory of All Motors	52	27	26	--
Identify the Major Energy Consuming Pumps (k)	58	20	27	--
Detect and Control Compressed Air Leaks (l)	53	30	21	--
Track the Amount of Energy Spent in Compressed Air Systems	70	12	23	--
337 FURNITURE AND RELATED PRODUCTS				
Full-Time Energy Manager (c)	9,369	476	1,700	--
Set Goals for Improving Energy Efficiency	6,283	2,033	3,228	--
Measure and Monitor Steam Used (d)	8,691	Q	2,261	530
Dedicated Staff that Performs Insulation Inspections (e)	8,634	261	2,208	442
Formal Steam Maintenance Program that Includes the Following:				
Annual Testing of All Steam Traps	8,340	311	2,364	530
Maintaining a Steam Trap Database	8,487	54	2,474	530
Annual Inspections and Repairs of Steam Leaks	8,017	536	2,462	530
Measure Oxygen and Carbon Dioxide Levels (f)	8,285	638	2,622	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	8,466	443	2,636	--
Process Heating Maintenance Program that Includes the Following:				
Furnace Inspections (h)	6,521	2,436	2,588	--
Cleaning of Heat Transfer Equipment (i)	6,177	2,401	2,967	--
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	6,579	1,940	3,026	--
Keep an Inventory of All Motors	7,586	1,276	2,683	--
Identify the Major Energy Consuming Pumps (k)	8,901	422	2,221	--
Detect and Control Compressed Air Leaks (l)	7,042	1,912	2,592	--
Track the Amount of Energy Spent in Compressed Air Systems	8,490	442	2,613	--
339 MISCELLANEOUS				
Full-Time Energy Manager (c)	12,420	375	2,992	--
Set Goals for Improving Energy Efficiency	9,842	2,263	3,683	--
Measure and Monitor Steam Used (d)	11,576	W	W	603
Dedicated Staff that Performs Insulation Inspections (e)	11,668	416	3,100	603
Formal Steam Maintenance Program that Includes the Following:				
Annual Testing of All Steam Traps	11,195	406	3,582	603
Maintaining a Steam Trap Database	11,582	Q	3,515	603
Annual Inspections and Repairs of Steam Leaks	11,363	489	3,332	603
Measure Oxygen and Carbon Dioxide Levels (f)	11,396	560	3,831	--
Use Flue Gas to Preheat Other Equipment or Processes (g)	12,138	Q	3,493	--
Process Heating Maintenance Program that Includes the Following:				
Furnace Inspections (h)	8,995	2,877	3,915	--
Cleaning of Heat Transfer Equipment (i)	8,826	2,576	4,385	--
Inspecting, Calibrating, and Adjusting Process Heating Equipment (j)	8,598	3,536	3,653	--
Keep an Inventory of All Motors	9,949	2,067	3,771	--
Identify the Major Energy Consuming Pumps (k)	11,864	286	3,636	--
Detect and Control Compressed Air Leaks (l)	10,677	1,319	3,791	--
Track the Amount of Energy Spent in Compressed Air Systems	12,052	Q	3,575	--

(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 in 2006.

(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.

Table 8.4 Number of Establishments by Participation in Specific Energy-Management Activities, 2006;

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	Not Applicable
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(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: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey.'