

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
Total United States									
311 - 339	ALL MANUFACTURING INDUSTRIES								
	TOTAL FUEL CONSUMPTION	15,658	835,382	40	22	5,357	21	46	5,820
	Indirect Uses-Boiler Fuel	--	12,109	21	4	2,059	2	25	--
	Conventional Boiler Use	--	12,109	11	3	1,245	2	6	--
	CHP and/or Cogeneration Process	--	--	10	1	814	*	19	--
	Direct Uses-Total Process	--	657,810	10	9	2,709	10	19	--
	Process Heating	--	101,516	9	3	2,417	8	16	--
	Process Cooling and Refrigeration	--	60,381	*	*	31	*	*	--
	Machine Drive	--	422,408	*	4	126	*	3	--
	Electro-Chemical Processes	--	60,323	--	--	--	--	--	--
	Other Process Use	--	13,181	*	1	136	1	*	--
	Direct Uses-Total Nonprocess	--	157,829	1	9	426	7	*	--
	Facility HVAC (g)	--	77,768	1	1	367	1	*	--
	Facility Lighting	--	58,013	--	--	--	--	--	--
	Other Facility Support	--	17,644	*	*	29	*	*	--
	Onsite Transportation	--	2,197	--	6	3	5	--	--
	Conventional Electricity Generation	--	--	*	1	19	*	*	--
	Other Nonprocess Use	--	2,208	*	1	8	*	*	--
	End Use Not Reported	6,125	7,634	8	1	164	1	2	5,820
311	FOOD								
	TOTAL FUEL CONSUMPTION	1,186	73,440	4	3	618	1	7	108
	Indirect Uses-Boiler Fuel	--	1,758	4	1	344	*	6	--
	Conventional Boiler Use	--	1,758	3	1	319	*	1	--
	CHP and/or Cogeneration Process	--	--	1	*	26	*	5	--
	Direct Uses-Total Process	--	57,259	*	1	225	*	*	--
	Process Heating	--	4,585	*	*	203	*	*	--
	Process Cooling and Refrigeration	--	19,783	*	*	2	0	0	--
	Machine Drive	--	32,259	*	*	10	*	0	--
	Electro-Chemical Processes	--	112	--	--	--	--	--	--
	Other Process Use	--	520	*	*	10	*	0	--
	Direct Uses-Total Nonprocess	--	13,538	*	1	39	*	*	--
	Facility HVAC (g)	--	6,036	*	*	29	*	*	--
	Facility Lighting	--	5,291	--	--	--	--	--	--
	Other Facility Support	--	1,819	*	*	8	*	0	--
	Onsite Transportation	--	218	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	0	--
	Other Nonprocess Use	--	174	0	*	1	*	0	--
	End Use Not Reported	129	885	*	*	9	*	*	108
3112	Grain and Oilseed Milling								
	TOTAL FUEL CONSUMPTION	317	15,464	*	*	115	*	5	30
	Indirect Uses-Boiler Fuel	--	375	*	*	63	*	4	--
	Conventional Boiler Use	--	375	*	*	54	*	1	--
	CHP and/or Cogeneration Process	--	--	0	*	8	0	4	--
	Direct Uses-Total Process	--	13,358	0	*	48	*	*	--

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	Process Heating	--	378	0	*	44	*	*	--
	Process Cooling and Refrigeration	--	1,354	0	0	0	0	0	--
	Machine Drive	--	11,542	0	*	2	*	0	--
	Electro-Chemical Processes	--	4	--	--	--	--	--	--
	Other Process Use	--	80	0	*	1	0	0	--
	Direct Uses-Total Nonprocess	--	1,344	0	*	3	*	*	--
	Facility HVAC (g)	--	626	0	*	3	*	*	--
	Facility Lighting	--	561	--	--	--	--	--	--
	Other Facility Support	--	135	0	*	*	*	0	--
	Onsite Transportation	--	21	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	Q	0	*	*	*	0	--
	End Use Not Reported	38	387	0	*	1	*	*	30
311221	Wet Corn Milling								
	TOTAL FUEL CONSUMPTION	179	6,746	*	*	51	*	4	9
	Indirect Uses-Boiler Fuel	--	175	*	*	23	*	4	--
	Conventional Boiler Use	--	175	*	0	17	*	1	--
	CHP and/or Cogeneration Process	--	--	0	*	6	0	3	--
	Direct Uses-Total Process	--	5,842	0	*	27	*	*	--
	Process Heating	--	62	0	*	27	*	*	--
	Process Cooling and Refrigeration	--	854	0	0	0	0	0	--
	Machine Drive	--	4,905	0	*	0	*	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	21	0	*	0	0	0	--
	Direct Uses-Total Nonprocess	--	341	0	*	1	*	0	--
	Facility HVAC (g)	--	173	0	0	1	*	0	--
	Facility Lighting	--	152	--	--	--	--	--	--
	Other Facility Support	--	16	0	*	*	0	0	--
	Onsite Transportation	--	*	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	0	0	*	0	0	0	--
	End Use Not Reported	16	387	0	0	0	*	*	9
31131	Sugar								
	TOTAL FUEL CONSUMPTION	82	968	1	*	17	*	1	20
	Indirect Uses-Boiler Fuel	--	41	1	*	12	*	1	--
	Conventional Boiler Use	--	41	0	*	2	0	*	--
	CHP and/or Cogeneration Process	--	--	1	*	10	*	1	--
	Direct Uses-Total Process	--	780	*	*	4	*	*	--
	Process Heating	--	13	*	*	4	0	*	--
	Process Cooling and Refrigeration	--	8	0	0	0	0	0	--
	Machine Drive	--	758	0	*	*	0	0	--
	Electro-Chemical Processes	--	1	--	--	--	--	--	--
	Other Process Use	--	0	0	0	0	*	0	--
	Direct Uses-Total Nonprocess	--	147	0	*	1	*	*	--
	Facility HVAC (g)	--	55	0	0	*	*	*	--
	Facility Lighting	--	65	--	--	--	--	--	--
	Other Facility Support	--	7	0	0	*	*	0	--
	Onsite Transportation	--	*	--	*	0	*	--	--

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	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	19	0	*	*	*	0	--
	End Use Not Reported	20	0	0	0	0	*	0	20
3114	Fruit and Vegetable Preserving and Specialty Foods								
	TOTAL FUEL CONSUMPTION	169	9,708	*	*	123	*	*	4
	Indirect Uses-Boiler Fuel	--	255	*	*	88	*	*	--
	Conventional Boiler Use	--	255	*	*	85	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	4	0	0	--
	Direct Uses-Total Process	--	7,745	*	*	27	*	0	--
	Process Heating	--	784	*	*	26	*	0	--
	Process Cooling and Refrigeration	--	3,602	0	*	*	0	0	--
	Machine Drive	--	3,317	0	*	1	*	0	--
	Electro-Chemical Processes	--	8	--	--	--	--	--	--
	Other Process Use	--	34	*	0	*	0	0	--
	Direct Uses-Total Nonprocess	--	1,697	*	*	8	*	0	--
	Facility HVAC (g)	--	684	--	--	6	*	0	--
	Facility Lighting	--	716	--	--	--	--	--	--
	Other Facility Support	--	226	0	*	2	*	0	--
	Onsite Transportation	--	47	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	*	0	--
	Other Nonprocess Use	--	Q	0	*	*	*	0	--
	End Use Not Reported	4	Q	0	*	*	0	0	4
3115	Dairy Products								
	TOTAL FUEL CONSUMPTION	121	10,079	*	*	80	*	*	1
	Indirect Uses-Boiler Fuel	--	186	*	*	36	*	0	--
	Conventional Boiler Use	--	186	*	*	35	*	0	--
	CHP and/or Cogeneration Process	--	--	0	*	1	0	0	--
	Direct Uses-Total Process	--	7,895	*	*	37	*	0	--
	Process Heating	--	498	*	*	30	*	0	--
	Process Cooling and Refrigeration	--	3,195	0	*	*	0	0	--
	Machine Drive	--	3,989	0	*	2	*	0	--
	Electro-Chemical Processes	--	31	--	--	--	--	--	--
	Other Process Use	--	Q	0	*	5	0	0	--
	Direct Uses-Total Nonprocess	--	1,966	*	*	4	*	0	--
	Facility HVAC (g)	--	857	*	*	4	*	0	--
	Facility Lighting	--	775	--	--	--	--	--	--
	Other Facility Support	--	215	*	*	1	*	0	--
	Onsite Transportation	--	53	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	66	0	*	*	*	0	--
	End Use Not Reported	4	Q	0	*	2	*	*	1
3116	Animal Slaughtering and Processing								
	TOTAL FUEL CONSUMPTION	227	17,545	1	1	141	*	0	13
	Indirect Uses-Boiler Fuel	--	437	*	*	95	*	0	--
	Conventional Boiler Use	--	437	*	*	95	*	0	--

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	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	13,952	*	*	35	*	0	--
	Process Heating	--	944	*	*	29	*	0	--
	Process Cooling and Refrigeration	--	7,395	*	*	1	0	0	--
	Machine Drive	--	5,405	*	*	3	*	0	--
	Electro-Chemical Processes	--	18	--	--	--	--	--	--
	Other Process Use	--	191	0	*	2	*	0	--
	Direct Uses-Total Nonprocess	--	3,029	*	*	11	*	0	--
	Facility HVAC (g)	--	1,263	*	*	8	*	0	--
	Facility Lighting	--	1,284	--	--	--	--	--	--
	Other Facility Support	--	391	*	*	3	*	0	--
	Onsite Transportation	--	33	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	58	0	*	*	*	0	--
	End Use Not Reported	14	127	*	*	*	*	0	13
312	BEVERAGE AND TOBACCO PRODUCTS								
	TOTAL FUEL CONSUMPTION	109	8,858	*	*	40	*	1	13
	Indirect Uses-Boiler Fuel	--	81	*	*	29	*	1	--
	Conventional Boiler Use	--	81	*	*	26	*	*	--
	CHP and/or Cogeneration Process	--	--	0	*	3	0	1	--
	Direct Uses-Total Process	--	6,248	*	*	7	*	*	--
	Process Heating	--	286	0	0	4	*	0	--
	Process Cooling and Refrigeration	--	2,321	0	0	*	0	0	--
	Machine Drive	--	3,459	0	*	1	*	*	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	159	0	*	2	*	*	--
	Direct Uses-Total Nonprocess	--	2,497	*	*	4	*	*	--
	Facility HVAC (g)	--	1,153	--	--	4	*	*	--
	Facility Lighting	--	930	--	--	--	--	--	--
	Other Facility Support	--	267	0	*	*	*	*	--
	Onsite Transportation	--	37	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	*	0	--
	Other Nonprocess Use	--	110	0	*	*	*	*	--
	End Use Not Reported	13	Q	0	*	*	*	0	13
3121	Beverages								
	TOTAL FUEL CONSUMPTION	97	7,607	*	*	37	*	1	13
	Indirect Uses-Boiler Fuel	--	66	*	*	27	*	1	--
	Conventional Boiler Use	--	66	*	*	24	*	*	--
	CHP and/or Cogeneration Process	--	--	0	*	3	0	1	--
	Direct Uses-Total Process	--	5,662	0	*	6	*	*	--
	Process Heating	--	254	0	0	4	*	0	--
	Process Cooling and Refrigeration	--	2,254	0	0	*	0	0	--
	Machine Drive	--	2,975	0	*	1	*	*	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	156	0	*	2	*	*	--
	Direct Uses-Total Nonprocess	--	1,848	0	*	4	*	*	--
	Facility HVAC (g)	--	706	0	*	4	*	*	--
	Facility Lighting	--	773	--	--	--	--	--	--

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	Other Facility Support	--	224	0	*	*	*	0	--
	Onsite Transportation	--	35	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	110	0	*	*	*	*	--
	End Use Not Reported	13	Q	0	*	*	*	0	13
3122	Tobacco								
	TOTAL FUEL CONSUMPTION	12	1,250	*	*	3	*	*	*
	Indirect Uses-Boiler Fuel	--	15	*	*	2	*	*	--
	Conventional Boiler Use	--	15	*	*	2	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	*	--
	Direct Uses-Total Process	--	586	*	*	*	*	0	--
	Process Heating	--	32	*	0	*	0	0	--
	Process Cooling and Refrigeration	--	67	0	0	*	0	0	--
	Machine Drive	--	484	0	*	*	*	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	3	0	0	*	*	0	--
	Direct Uses-Total Nonprocess	--	649	*	*	*	*	*	--
	Facility HVAC (g)	--	446	*	*	*	*	*	--
	Facility Lighting	--	157	--	--	--	--	--	--
	Other Facility Support	--	44	0	0	*	*	*	--
	Onsite Transportation	--	2	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	*	0	--
	Other Nonprocess Use	--	0	0	*	*	*	0	--
	End Use Not Reported	*	0	0	0	0	*	0	*
313	TEXTILE MILLS								
	TOTAL FUEL CONSUMPTION	178	19,224	*	*	63	*	1	12
	Indirect Uses-Boiler Fuel	--	182	*	*	33	*	1	--
	Conventional Boiler Use	--	182	*	*	33	*	1	--
	CHP and/or Cogeneration Process	--	--	0	*	*	0	Q	--
	Direct Uses-Total Process	--	14,971	*	*	22	*	0	--
	Process Heating	--	1,933	*	0	21	*	0	--
	Process Cooling and Refrigeration	--	2,617	*	0	0	0	0	--
	Machine Drive	--	10,243	*	*	Q	*	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	Q	*	0	Q	0	0	--
	Direct Uses-Total Nonprocess	--	4,071	*	*	8	*	0	--
	Facility HVAC (g)	--	2,064	*	*	7	*	0	--
	Facility Lighting	--	1,546	--	--	--	--	--	--
	Other Facility Support	--	362	*	*	*	0	0	--
	Onsite Transportation	--	53	--	*	Q	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	Q	0	*	0	0	0	--
	End Use Not Reported	12	0	0	0	*	*	0	12
314	TEXTILE PRODUCT MILLS								
	TOTAL FUEL CONSUMPTION	72	5,920	*	*	45	*	*	*

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	Indirect Uses-Boiler Fuel	--	Q	*	*	16	*	*	--
	Conventional Boiler Use	--	Q	*	*	15	*	*	--
	CHP and/or Cogeneration Process	--	--	0	*	*	0	0	--
	Direct Uses-Total Process	--	3,896	0	0	Q	*	*	--
	Process Heating	--	645	0	0	Q	*	*	--
	Process Cooling and Refrigeration	--	504	0	0	Q	0	0	--
	Machine Drive	--	2,526	0	0	*	*	0	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	210	0	0	1	*	0	--
	Direct Uses-Total Nonprocess	--	1,755	0	*	3	*	*	--
	Facility HVAC (g)	--	815	0	*	3	*	*	--
	Facility Lighting	--	595	--	--	--	--	--	--
	Other Facility Support	--	210	0	0	*	0	0	--
	Onsite Transportation	--	132	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	5	0	*	*	*	0	--
	End Use Not Reported	Q	Q	0	0	Q	*	*	*
315	APPAREL								
	TOTAL FUEL CONSUMPTION	14	2,013	*	*	7	*	0	*
	Indirect Uses-Boiler Fuel	--	Q	*	*	4	*	0	--
	Conventional Boiler Use	--	Q	*	*	4	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	863	0	0	2	*	0	--
	Process Heating	--	79	0	0	Q	*	0	--
	Process Cooling and Refrigeration	--	Q	0	0	*	0	0	--
	Machine Drive	--	674	0	0	Q	0	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	Q	0	0	*	*	0	--
	Direct Uses-Total Nonprocess	--	1,088	0	*	1	*	0	--
	Facility HVAC (g)	--	614	0	0	1	0	0	--
	Facility Lighting	--	365	--	--	--	--	--	--
	Other Facility Support	--	101	0	0	*	0	0	--
	Onsite Transportation	--	Q	--	0	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	Q	0	0	0	0	0	--
	End Use Not Reported	*	Q	0	*	*	*	0	*
316	LEATHER AND ALLIED PRODUCTS								
	TOTAL FUEL CONSUMPTION	3	413	*	*	1	*	0	*
	Indirect Uses-Boiler Fuel	--	3	*	*	*	0	0	--
	Conventional Boiler Use	--	3	*	*	*	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	225	0	0	1	*	0	--
	Process Heating	--	20	0	0	1	*	0	--
	Process Cooling and Refrigeration	--	7	0	0	*	0	0	--
	Machine Drive	--	194	0	0	*	0	0	--
	Electro-Chemical Processes	--	*	--	--	--	--	--	--
	Other Process Use	--	Q	0	0	0	0	0	--
	Direct Uses-Total Nonprocess	--	146	0	*	*	*	0	--

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	TOTAL FUEL CONSUMPTION	169	9,902	*	*	44	1	*	84
	Indirect Uses-Boiler Fuel	--	310	*	*	14	*	*	--
	Conventional Boiler Use	--	310	*	*	5	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	9	0	*	--
	Direct Uses-Total Process	--	8,135	*	*	26	*	*	--
	Process Heating	--	655	*	*	22	*	*	--
	Process Cooling and Refrigeration	--	120	0	0	0	0	0	--
	Machine Drive	--	7,204	0	*	Q	*	0	--
	Electro-Chemical Processes	--	94	--	--	--	--	--	--
	Other Process Use	--	62	0	*	3	*	0	--
	Direct Uses-Total Nonprocess	--	1,169	0	*	1	1	0	--
	Facility HVAC (g)	--	473	0	*	1	*	0	--
	Facility Lighting	--	571	--	--	--	--	--	--
	Other Facility Support	--	120	0	*	*	*	0	--
	Onsite Transportation	--	Q	--	*	0	1	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	Q	0	*	*	0	0	--
	End Use Not Reported	87	288	0	*	1	*	*	84
3219	Other Wood Products								
	TOTAL FUEL CONSUMPTION	129	9,734	*	1	27	*	Q	Q
	Indirect Uses-Boiler Fuel	--	54	*	*	3	*	0	--
	Conventional Boiler Use	--	54	*	*	3	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	*	0	--
	Direct Uses-Total Process	--	8,014	*	*	Q	*	Q	--
	Process Heating	--	715	0	*	Q	*	Q	--
	Process Cooling and Refrigeration	--	166	0	0	*	0	0	--
	Machine Drive	--	7,064	*	*	*	*	0	--
	Electro-Chemical Processes	--	44	--	--	--	--	--	--
	Other Process Use	--	24	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	1,547	0	1	5	*	0	--
	Facility HVAC (g)	--	493	0	*	4	*	0	--
	Facility Lighting	--	846	--	--	--	--	--	--
	Other Facility Support	--	163	0	*	*	*	0	--
	Onsite Transportation	--	24	--	1	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	Q	0	*	*	*	0	--
	End Use Not Reported	Q	120	*	*	*	*	0	Q
322	PAPER								
	TOTAL FUEL CONSUMPTION	2,354	72,518	15	2	461	1	10	1,303
	Indirect Uses-Boiler Fuel	--	3,083	W	1	269	*	9	--
	Conventional Boiler Use	--	3,083	W	*	117	*	1	--
	CHP and/or Cogeneration Process	--	--	7	*	153	*	8	--
	Direct Uses-Total Process	--	61,030	4	*	138	*	W	--
	Process Heating	--	2,532	4	*	120	*	W	--
	Process Cooling and Refrigeration	--	1,282	*	0	2	0	*	--
	Machine Drive	--	55,807	*	*	12	*	*	--
	Electro-Chemical Processes	--	573	--	--	--	--	--	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Other Process Use	--	836	0	*	4	*	0	--
	Direct Uses-Total Nonprocess	--	7,941	*	*	17	1	*	--
	Facility HVAC (g)	--	3,531	*	*	13	*	*	--
	Facility Lighting	--	3,192	--	--	--	--	--	--
	Other Facility Support	--	905	*	*	1	*	*	--
	Onsite Transportation	--	177	--	*	*	1	--	--
	Conventional Electricity Generation	--	--	*	*	3	*	*	--
	Other Nonprocess Use	--	136	0	*	*	*	0	--
	End Use Not Reported	1,370	464	W	*	36	*	W	1,303
322110	Pulp Mills								
	TOTAL FUEL CONSUMPTION	200	1,621	2	1	13	*	*	160
	Indirect Uses-Boiler Fuel	--	84	1	*	7	*	*	--
	Conventional Boiler Use	--	84	*	*	4	*	0	--
	CHP and/or Cogeneration Process	--	--	1	*	3	0	*	--
	Direct Uses-Total Process	--	1,220	1	*	5	*	0	--
	Process Heating	--	66	1	*	5	*	0	--
	Process Cooling and Refrigeration	--	4	0	0	0	0	0	--
	Machine Drive	--	1,148	0	*	*	0	0	--
	Electro-Chemical Processes	--	1	--	--	--	--	--	--
	Other Process Use	--	0	0	*	0	*	0	--
	Direct Uses-Total Nonprocess	--	210	*	*	*	*	0	--
	Facility HVAC (g)	--	74	*	0	*	0	0	--
	Facility Lighting	--	86	--	--	--	--	--	--
	Other Facility Support	--	50	0	0	*	0	0	--
	Onsite Transportation	--	0	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	0	0	*	0	0	0	--
	End Use Not Reported	164	107	*	*	1	0	0	160
322121	Paper Mills, except Newsprint								
	TOTAL FUEL CONSUMPTION	939	22,872	8	*	169	*	6	515
	Indirect Uses-Boiler Fuel	--	416	5	*	92	*	5	--
	Conventional Boiler Use	--	416	1	*	38	*	*	--
	CHP and/or Cogeneration Process	--	--	4	*	54	*	5	--
	Direct Uses-Total Process	--	20,081	2	*	64	*	*	--
	Process Heating	--	986	2	*	53	*	*	--
	Process Cooling and Refrigeration	--	326	*	0	2	0	*	--
	Machine Drive	--	18,517	*	*	9	*	*	--
	Electro-Chemical Processes	--	46	--	--	--	--	--	--
	Other Process Use	--	206	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	2,375	*	*	6	*	*	--
	Facility HVAC (g)	--	1,078	*	*	4	*	*	--
	Facility Lighting	--	944	--	--	--	--	--	--
	Other Facility Support	--	298	*	*	*	*	*	--
	Onsite Transportation	--	23	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	0	1	0	*	--
	Other Nonprocess Use	--	32	0	*	*	*	0	--
	End Use Not Reported	522	0	0	*	7	*	0	515

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
322122	Newsprint Mills								
	TOTAL FUEL CONSUMPTION	72	9,486	*	*	8	*	1	15
	Indirect Uses-Boiler Fuel	--	16	*	*	6	*	1	--
	Conventional Boiler Use	--	16	*	*	*	*	0	--
	CHP and/or Cogeneration Process	--	--	*	*	6	0	1	--
	Direct Uses-Total Process	--	8,692	0	*	2	*	0	--
	Process Heating	--	151	0	0	1	*	0	--
	Process Cooling and Refrigeration	--	164	0	0	0	0	0	--
	Machine Drive	--	8,221	0	*	0	*	0	--
	Electro-Chemical Processes	--	156	--	--	--	--	--	--
	Other Process Use	--	0	0	*	1	0	0	--
	Direct Uses-Total Nonprocess	--	778	*	*	*	*	0	--
	Facility HVAC (g)	--	273	*	0	*	0	0	--
	Facility Lighting	--	243	--	--	--	--	--	--
	Other Facility Support	--	102	*	*	*	0	0	--
	Onsite Transportation	--	105	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	55	0	*	0	*	0	--
	End Use Not Reported	15	0	0	0	*	0	0	15
322130	Paperboard Mills								
	TOTAL FUEL CONSUMPTION	827	21,868	5	1	138	*	3	502
	Indirect Uses-Boiler Fuel	--	1,145	W	1	100	0	2	--
	Conventional Boiler Use	--	1,145	W	*	39	0	*	--
	CHP and/or Cogeneration Process	--	--	2	*	61	0	2	--
	Direct Uses-Total Process	--	19,223	1	*	30	*	W	--
	Process Heating	--	649	1	*	26	*	W	--
	Process Cooling and Refrigeration	--	201	0	0	*	0	0	--
	Machine Drive	--	17,610	*	*	3	*	0	--
	Electro-Chemical Processes	--	338	--	--	--	--	--	--
	Other Process Use	--	424	0	*	2	*	0	--
	Direct Uses-Total Nonprocess	--	1,341	*	*	3	*	*	--
	Facility HVAC (g)	--	511	*	*	1	*	*	--
	Facility Lighting	--	647	--	--	--	--	--	--
	Other Facility Support	--	151	0	*	1	*	0	--
	Onsite Transportation	--	1	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	*	*	1	0	0	--
	Other Nonprocess Use	--	31	0	*	0	*	0	--
	End Use Not Reported	532	159	W	*	5	*	W	502
323	PRINTING AND RELATED SUPPORT								
	TOTAL FUEL CONSUMPTION	85	12,995	*	*	38	*	0	*
	Indirect Uses-Boiler Fuel	--	98	0	0	5	*	0	--
	Conventional Boiler Use	--	98	0	0	5	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	7,974	0	*	26	*	0	--
	Process Heating	--	374	0	0	25	*	0	--
	Process Cooling and Refrigeration	--	767	0	0	*	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Machine Drive	--	6,734	0	*	Q	*	0	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	49	0	0	*	*	0	--
	Direct Uses-Total Nonprocess	--	4,649	*	*	7	*	0	--
	Facility HVAC (g)	--	2,431	*	*	7	*	0	--
	Facility Lighting	--	1,568	--	--	--	--	--	--
	Other Facility Support	--	544	*	*	*	*	0	--
	Onsite Transportation	--	Q	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	Q	0	*	*	*	0	--
	End Use Not Reported	Q	275	0	0	Q	*	0	*
324	PETROLEUM AND COAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	3,396	40,134	9	4	825	7	2	2,246
	Indirect Uses-Boiler Fuel	--	515	W	1	272	1	*	--
	Conventional Boiler Use	--	515	W	*	116	1	*	--
	CHP and/or Cogeneration Process	--	--	*	*	156	*	*	--
	Direct Uses-Total Process	--	37,081	2	3	529	6	2	--
	Process Heating	--	S	2	2	490	5	*	--
	Process Cooling and Refrigeration	--	2,258	0	*	1	*	0	--
	Machine Drive	--	35,265	0	1	16	*	2	--
	Electro-Chemical Processes	--	37	--	--	--	--	--	--
	Other Process Use	--	Q	0	*	22	*	0	--
	Direct Uses-Total Nonprocess	--	2,438	0	1	20	*	0	--
	Facility HVAC (g)	--	1,347	0	*	7	*	0	--
	Facility Lighting	--	983	--	--	--	--	--	--
	Other Facility Support	--	324	0	*	1	*	0	--
	Onsite Transportation	--	17	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	11	0	0	--
	Other Nonprocess Use	--	S	0	*	*	*	0	--
	End Use Not Reported	W	Q	W	*	Q	1	0	2,246
324110	Petroleum Refineries								
	TOTAL FUEL CONSUMPTION	3,230	37,155	8	1	766	7	*	2,226
	Indirect Uses-Boiler Fuel	--	470	W	1	249	1	*	--
	Conventional Boiler Use	--	470	W	*	93	1	*	--
	CHP and/or Cogeneration Process	--	--	*	*	156	*	0	--
	Direct Uses-Total Process	--	34,673	1	*	500	6	*	--
	Process Heating	--	S	1	*	468	5	*	--
	Process Cooling and Refrigeration	--	2,155	0	*	1	*	0	--
	Machine Drive	--	33,549	0	*	14	*	0	--
	Electro-Chemical Processes	--	37	--	--	--	--	--	--
	Other Process Use	--	95	0	*	17	*	0	--
	Direct Uses-Total Nonprocess	--	2,012	0	*	17	*	0	--
	Facility HVAC (g)	--	1,011	0	*	4	*	0	--
	Facility Lighting	--	761	--	--	--	--	--	--
	Other Facility Support	--	210	0	*	1	0	0	--
	Onsite Transportation	--	12	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	11	0	0	--
	Other Nonprocess Use	--	19	0	*	*	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	End Use Not Reported	W	0	W	*	*	1	0	2,226
324199	Other Petroleum and Coal Products								
	TOTAL FUEL CONSUMPTION	72	117	0	*	3	*	2	17
	Indirect Uses-Boiler Fuel	--	S	0	0	*	*	*	--
	Conventional Boiler Use	--	S	0	0	*	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	*	--
	Direct Uses-Total Process	--	241	0	*	2	*	2	--
	Process Heating	--	76	0	*	2	*	0	--
	Process Cooling and Refrigeration	--	12	0	*	*	0	0	--
	Machine Drive	--	151	0	*	*	0	2	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	3	0	0	0	*	0	--
	Direct Uses-Total Nonprocess	--	S	0	*	*	*	0	--
	Facility HVAC (g)	--	61	0	*	*	*	0	--
	Facility Lighting	--	61	--	--	--	--	--	--
	Other Facility Support	--	29	0	*	*	0	0	--
	Onsite Transportation	--	0	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	S	0	0	0	*	0	--
	End Use Not Reported	17	0	0	*	0	0	0	17
325	CHEMICALS								
	TOTAL FUEL CONSUMPTION	3,196	151,595	4	2	1,355	2	8	1,078
	Indirect Uses-Boiler Fuel	--	3,436	3	1	802	1	7	--
	Conventional Boiler Use	--	3,436	2	1	373	1	2	--
	CHP and/or Cogeneration Process	--	--	*	*	429	*	4	--
	Direct Uses-Total Process	--	128,295	1	*	496	1	*	--
	Process Heating	--	7,393	1	*	377	*	*	--
	Process Cooling and Refrigeration	--	12,952	0	*	17	*	0	--
	Machine Drive	--	91,950	0	*	63	*	*	--
	Electro-Chemical Processes	--	14,449	--	--	--	--	--	--
	Other Process Use	--	1,552	0	*	39	1	*	--
	Direct Uses-Total Nonprocess	--	18,708	*	1	32	*	*	--
	Facility HVAC (g)	--	9,869	*	*	22	*	*	--
	Facility Lighting	--	5,893	--	--	--	--	--	--
	Other Facility Support	--	2,229	0	*	2	*	0	--
	Onsite Transportation	--	Q	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	3	*	0	--
	Other Nonprocess Use	--	486	*	*	5	*	0	--
	End Use Not Reported	1,114	1,155	0	*	24	*	*	1,078
325110	Petrochemicals								
	TOTAL FUEL CONSUMPTION	757	4,740	1	*	107	*	0	625
	Indirect Uses-Boiler Fuel	--	7	1	*	36	0	0	--
	Conventional Boiler Use	--	7	1	*	18	0	0	--
	CHP and/or Cogeneration Process	--	--	0	*	18	0	0	--
	Direct Uses-Total Process	--	4,233	0	*	70	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
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NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Process Heating	--	211	0	*	W	0	0	--
	Process Cooling and Refrigeration	--	712	0	0	*	0	0	--
	Machine Drive	--	2,758	0	*	W	0	0	--
	Electro-Chemical Processes	--	551	--	--	--	--	--	--
	Other Process Use	--	1	0	*	*	0	0	--
	Direct Uses-Total Nonprocess	--	495	0	*	1	*	0	--
	Facility HVAC (g)	--	201	0	*	*	*	0	--
	Facility Lighting	--	227	--	--	--	--	--	--
	Other Facility Support	--	68	0	0	*	0	0	--
	Onsite Transportation	--	0	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	*	0	--
	Other Nonprocess Use	--	0	0	*	1	*	0	--
	End Use Not Reported	625	5	0	0	*	0	0	625
325120	Industrial Gases								
	TOTAL FUEL CONSUMPTION	87	20,838	0	*	13	*	0	3
	Indirect Uses-Boiler Fuel	--	33	0	*	6	0	0	--
	Conventional Boiler Use	--	33	0	*	6	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	20,039	0	*	7	*	0	--
	Process Heating	--	74	0	*	5	*	0	--
	Process Cooling and Refrigeration	--	498	0	*	*	0	0	--
	Machine Drive	--	19,384	0	*	0	0	0	--
	Electro-Chemical Processes	--	83	--	--	--	--	--	--
	Other Process Use	--	0	0	0	2	0	0	--
	Direct Uses-Total Nonprocess	--	766	0	*	*	*	0	--
	Facility HVAC (g)	--	498	0	*	*	*	0	--
	Facility Lighting	--	225	--	--	--	--	--	--
	Other Facility Support	--	43	0	*	*	0	0	--
	Onsite Transportation	--	0	--	0	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	*	0	0	0	0	0	--
	End Use Not Reported	3	0	0	0	*	*	0	3
325181	Alkalies and Chlorine								
	TOTAL FUEL CONSUMPTION	153	6,086	0	*	103	*	1	9
	Indirect Uses-Boiler Fuel	--	S	0	*	56	0	1	--
	Conventional Boiler Use	--	S	0	*	14	0	*	--
	CHP and/or Cogeneration Process	--	--	0	0	42	0	*	--
	Direct Uses-Total Process	--	5,867	0	*	47	0	*	--
	Process Heating	--	20	0	0	15	0	*	--
	Process Cooling and Refrigeration	--	38	0	0	0	0	0	--
	Machine Drive	--	1,563	0	*	32	0	0	--
	Electro-Chemical Processes	--	3,226	--	--	--	--	--	--
	Other Process Use	--	1,020	0	0	*	0	0	--
	Direct Uses-Total Nonprocess	--	222	0	*	*	*	0	--
	Facility HVAC (g)	--	77	0	0	*	*	0	--
	Facility Lighting	--	82	--	--	--	--	--	--
	Other Facility Support	--	S	0	0	*	0	0	--
	Onsite Transportation	--	*	--	*	0	*	--	--

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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Conventional Electricity Generation	--	--	0	0	*	0	0	--
	Other Nonprocess Use	--	70	0	0	*	0	0	--
	End Use Not Reported	9	0	0	0	0	0	0	9
325182	Carbon Black								
	TOTAL FUEL CONSUMPTION	15	594	*	*	10	*	0	2
	Indirect Uses-Boiler Fuel	--	10	*	0	2	0	0	--
	Conventional Boiler Use	--	10	*	0	2	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	421	*	*	4	0	0	--
	Process Heating	--	13	0	0	3	0	0	--
	Process Cooling and Refrigeration	--	2	0	0	0	0	0	--
	Machine Drive	--	398	0	*	*	0	0	--
	Electro-Chemical Processes	--	8	--	--	--	--	--	--
	Other Process Use	--	0	0	0	*	0	0	--
	Direct Uses-Total Nonprocess	--	163	*	*	*	*	0	--
	Facility HVAC (g)	--	118	--	0	*	0	0	--
	Facility Lighting	--	40	--	--	--	--	--	--
	Other Facility Support	--	3	0	0	*	0	0	--
	Onsite Transportation	--	2	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	0	0	0	0	0	0	--
	End Use Not Reported	6	0	0	0	4	0	0	2
325188	Other Basic Inorganic Chemicals								
	TOTAL FUEL CONSUMPTION	189	24,132	1	*	52	*	1	21
	Indirect Uses-Boiler Fuel	--	186	1	*	14	*	1	--
	Conventional Boiler Use	--	186	1	*	13	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	1	0	1	--
	Direct Uses-Total Process	--	21,782	1	*	32	*	*	--
	Process Heating	--	448	1	*	29	*	*	--
	Process Cooling and Refrigeration	--	643	0	*	*	0	0	--
	Machine Drive	--	15,670	0	*	*	*	0	--
	Electro-Chemical Processes	--	4,864	--	--	--	--	--	--
	Other Process Use	--	158	0	*	2	*	0	--
	Direct Uses-Total Nonprocess	--	1,783	0	*	2	*	0	--
	Facility HVAC (g)	--	864	0	*	1	*	0	--
	Facility Lighting	--	511	--	--	--	--	--	--
	Other Facility Support	--	249	0	*	*	0	0	--
	Onsite Transportation	--	Q	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	153	0	*	*	*	0	--
	End Use Not Reported	27	381	0	*	5	*	0	21
325192	Cyclic Crudes and Intermediates								
	TOTAL FUEL CONSUMPTION	37	2,566	*	*	15	*	0	12
	Indirect Uses-Boiler Fuel	--	1	*	*	9	0	0	--
	Conventional Boiler Use	--	1	*	*	9	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	2,333	0	*	6	*	0	--
	Process Heating	--	1,638	0	*	6	*	0	--
	Process Cooling and Refrigeration	--	172	0	0	0	0	0	--
	Machine Drive	--	523	0	*	0	0	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	*	0	0	*	0	0	--
	Direct Uses-Total Nonprocess	--	231	0	*	*	*	0	--
	Facility HVAC (g)	--	112	0	0	*	0	0	--
	Facility Lighting	--	70	--	--	--	--	--	--
	Other Facility Support	--	47	0	0	*	0	0	--
	Onsite Transportation	--	*	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	3	0	*	0	*	0	--
	End Use Not Reported	12	0	0	0	*	*	0	12
325193	Ethyl Alcohol								
	TOTAL FUEL CONSUMPTION	110	2,717	0	*	80	*	1	*
	Indirect Uses-Boiler Fuel	--	111	0	*	47	*	1	--
	Conventional Boiler Use	--	111	0	*	45	*	*	--
	CHP and/or Cogeneration Process	--	--	0	*	3	0	*	--
	Direct Uses-Total Process	--	2,400	0	*	28	*	0	--
	Process Heating	--	220	0	0	25	*	0	--
	Process Cooling and Refrigeration	--	271	0	0	0	0	0	--
	Machine Drive	--	1,837	0	*	0	0	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	72	0	0	3	0	0	--
	Direct Uses-Total Nonprocess	--	206	0	*	1	*	*	--
	Facility HVAC (g)	--	80	0	0	1	*	*	--
	Facility Lighting	--	81	--	--	--	--	--	--
	Other Facility Support	--	36	0	0	*	0	0	--
	Onsite Transportation	--	5	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	3	0	*	*	*	0	--
	End Use Not Reported	10	0	0	*	3	0	*	*
325199	Other Basic Organic Chemicals								
	TOTAL FUEL CONSUMPTION	647	21,433	*	*	298	*	2	209
	Indirect Uses-Boiler Fuel	--	261	*	*	200	*	2	--
	Conventional Boiler Use	--	261	*	*	112	*	*	--
	CHP and/or Cogeneration Process	--	--	*	*	87	*	2	--
	Direct Uses-Total Process	--	18,858	*	*	83	*	*	--
	Process Heating	--	1,004	*	*	64	*	*	--
	Process Cooling and Refrigeration	--	2,271	0	0	4	0	0	--
	Machine Drive	--	11,317	0	*	2	0	*	--
	Electro-Chemical Processes	--	4,175	--	--	--	--	--	--
	Other Process Use	--	91	0	*	13	*	0	--
	Direct Uses-Total Nonprocess	--	2,001	*	*	5	*	*	--
	Facility HVAC (g)	--	1,010	*	0	3	*	*	--
	Facility Lighting	--	710	--	--	--	--	--	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Other Facility Support	--	245	0	*	*	*	0	--
	Onsite Transportation	--	22	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	1	0	0	--
	Other Nonprocess Use	--	13	0	*	1	*	0	--
	End Use Not Reported	220	313	0	*	9	*	0	209
325211	Plastics Materials and Resins								
	TOTAL FUEL CONSUMPTION	559	19,180	*	*	324	2	*	143
	Indirect Uses-Boiler Fuel	--	2,147	*	*	257	*	*	--
	Conventional Boiler Use	--	2,147	*	*	50	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	207	0	0	--
	Direct Uses-Total Process	--	15,036	*	*	62	1	0	--
	Process Heating	--	867	*	*	W	*	0	--
	Process Cooling and Refrigeration	--	1,917	0	*	1	*	0	--
	Machine Drive	--	11,723	0	*	W	*	0	--
	Electro-Chemical Processes	--	510	--	--	--	--	--	--
	Other Process Use	--	19	0	*	8	1	0	--
	Direct Uses-Total Nonprocess	--	1,883	0	*	4	*	0	--
	Facility HVAC (g)	--	779	0	*	2	*	0	--
	Facility Lighting	--	696	--	--	--	--	--	--
	Other Facility Support	--	403	0	*	*	*	0	--
	Onsite Transportation	--	3	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	*	0	--
	Other Nonprocess Use	--	2	0	*	2	*	0	--
	End Use Not Reported	144	114	0	0	1	*	0	143
325212	Synthetic Rubber								
	TOTAL FUEL CONSUMPTION	44	1,661	*	*	25	*	*	6
	Indirect Uses-Boiler Fuel	--	31	*	*	21	*	*	--
	Conventional Boiler Use	--	31	*	*	6	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	16	0	*	--
	Direct Uses-Total Process	--	1,280	0	*	4	*	0	--
	Process Heating	--	126	0	0	3	*	0	--
	Process Cooling and Refrigeration	--	322	0	0	*	0	0	--
	Machine Drive	--	821	0	*	*	0	0	--
	Electro-Chemical Processes	--	3	--	--	--	--	--	--
	Other Process Use	--	8	0	*	*	0	0	--
	Direct Uses-Total Nonprocess	--	336	*	*	*	*	0	--
	Facility HVAC (g)	--	199	0	*	*	*	0	--
	Facility Lighting	--	100	--	--	--	--	--	--
	Other Facility Support	--	26	0	0	*	0	0	--
	Onsite Transportation	--	11	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	*	*	*	*	*	0	--
	End Use Not Reported	6	14	0	0	*	0	0	6
325222	Noncellulosic Organic Fibers								
	TOTAL FUEL CONSUMPTION	82	4,841	*	*	33	*	*	21

Table 5.1 End Uses of Fuel Consumption, 2006;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Indirect Uses-Boiler Fuel	--	236	*	*	20	*	*	--
	Conventional Boiler Use	--	236	*	*	12	*	*	--
	CHP and/or Cogeneration Process	--	--	*	0	8	0	*	--
	Direct Uses-Total Process	--	3,920	*	*	11	*	*	--
	Process Heating	--	380	*	*	8	*	*	--
	Process Cooling and Refrigeration	--	858	0	0	*	0	0	--
	Machine Drive	--	2,634	0	*	3	0	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	49	0	*	*	0	*	--
	Direct Uses-Total Nonprocess	--	683	*	*	2	*	0	--
	Facility HVAC (g)	--	335	*	*	*	*	0	--
	Facility Lighting	--	187	--	--	--	--	--	--
	Other Facility Support	--	116	0	*	0	*	0	--
	Onsite Transportation	--	18	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	2	0	0	--
	Other Nonprocess Use	--	26	0	*	*	0	0	--
	End Use Not Reported	21	3	0	0	*	*	0	21
325311	Nitrogenous Fertilizers								
	TOTAL FUEL CONSUMPTION	128	2,430	0	*	113	*	0	3
	Indirect Uses-Boiler Fuel	--	12	0	*	27	*	0	--
	Conventional Boiler Use	--	12	0	*	24	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	3	0	0	--
	Direct Uses-Total Process	--	2,221	0	*	86	*	0	--
	Process Heating	--	55	0	*	64	*	0	--
	Process Cooling and Refrigeration	--	231	0	0	12	0	0	--
	Machine Drive	--	1,927	0	*	6	0	0	--
	Electro-Chemical Processes	--	4	--	--	--	--	--	--
	Other Process Use	--	3	0	*	4	*	0	--
	Direct Uses-Total Nonprocess	--	197	0	*	1	*	0	--
	Facility HVAC (g)	--	84	0	*	*	*	0	--
	Facility Lighting	--	92	--	--	--	--	--	--
	Other Facility Support	--	17	0	0	*	0	0	--
	Onsite Transportation	--	2	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	2	0	*	0	0	0	--
	End Use Not Reported	4	0	0	0	*	*	0	3
325312	Phosphatic Fertilizers								
	TOTAL FUEL CONSUMPTION	19	1,489	*	*	11	*	*	*
	Indirect Uses-Boiler Fuel	--	0	*	*	1	0	0	--
	Conventional Boiler Use	--	0	0	0	1	0	0	--
	CHP and/or Cogeneration Process	--	--	*	*	1	0	0	--
	Direct Uses-Total Process	--	1,432	*	*	9	*	*	--
	Process Heating	--	12	*	*	7	*	*	--
	Process Cooling and Refrigeration	--	5	0	0	0	0	0	--
	Machine Drive	--	1,330	0	*	1	0	0	--
	Electro-Chemical Processes	--	85	--	--	--	--	--	--
	Other Process Use	--	*	0	*	*	0	0	--
	Direct Uses-Total Nonprocess	--	57	0	*	*	*	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	TOTAL FUEL CONSUMPTION	28	1,044	*	*	7	*	1	Q
	Indirect Uses-Boiler Fuel	--	38	*	*	4	0	1	--
	Conventional Boiler Use	--	38	*	*	1	0	0	--
	CHP and/or Cogeneration Process	--	--	*	*	3	0	1	--
	Direct Uses-Total Process	--	620	0	*	2	*	0	--
	Process Heating	--	61	0	*	1	*	0	--
	Process Cooling and Refrigeration	--	119	0	0	*	0	0	--
	Machine Drive	--	401	0	*	*	0	0	--
	Electro-Chemical Processes	--	28	--	--	--	--	--	--
	Other Process Use	--	11	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	385	*	*	1	*	0	--
	Facility HVAC (g)	--	259	*	*	1	*	0	--
	Facility Lighting	--	96	--	--	--	--	--	--
	Other Facility Support	--	28	0	0	*	0	0	--
	Onsite Transportation	--	3	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	*	0	*	*	*	0	--
	End Use Not Reported	Q	0	0	0	*	*	0	Q
326	PLASTICS AND RUBBER PRODUCTS								
	TOTAL FUEL CONSUMPTION	336	53,404	1	1	124	1	*	*
	Indirect Uses-Boiler Fuel	--	354	1	*	56	*	*	--
	Conventional Boiler Use	--	354	1	*	56	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	40,707	*	*	36	*	0	--
	Process Heating	--	8,172	*	*	31	*	0	--
	Process Cooling and Refrigeration	--	4,800	0	0	*	0	0	--
	Machine Drive	--	26,832	0	*	3	*	0	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	Q	*	*	3	*	0	--
	Direct Uses-Total Nonprocess	--	12,152	*	*	26	1	0	--
	Facility HVAC (g)	--	5,728	*	*	24	*	0	--
	Facility Lighting	--	4,572	--	--	--	--	--	--
	Other Facility Support	--	1,561	0	*	2	*	0	--
	Onsite Transportation	--	254	--	*	*	1	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	Q	0	*	*	*	0	--
	End Use Not Reported	Q	192	0	*	Q	*	0	*
327	NONMETALLIC MINERAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	1,105	42,976	1	5	446	1	14	141
	Indirect Uses-Boiler Fuel	--	118	0	*	21	*	*	--
	Conventional Boiler Use	--	118	0	*	20	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	1	0	0	--
	Direct Uses-Total Process	--	36,537	*	3	354	Q	W	--
	Process Heating	--	9,669	*	*	347	Q	W	--
	Process Cooling and Refrigeration	--	1,203	0	*	*	0	0	--
	Machine Drive	--	24,177	0	2	5	*	*	--
	Electro-Chemical Processes	--	108	--	--	--	--	--	--

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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Other Process Use	--	1,380	0	1	1	*	0	--
	Direct Uses-Total Nonprocess	--	6,049	*	2	18	*	0	--
	Facility HVAC (g)	--	2,740	*	*	17	*	0	--
	Facility Lighting	--	2,243	--	--	--	--	--	--
	Other Facility Support	--	789	*	*	1	*	0	--
	Onsite Transportation	--	154	--	1	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	0	--
	Other Nonprocess Use	--	123	0	*	*	*	0	--
	End Use Not Reported	W	271	0	*	53	*	W	141
327211	Flat Glass								
	TOTAL FUEL CONSUMPTION	61	1,903	*	*	50	*	0	1
	Indirect Uses-Boiler Fuel	--	13	0	*	2	0	0	--
	Conventional Boiler Use	--	13	0	*	2	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	1,674	*	*	48	*	0	--
	Process Heating	--	739	*	*	47	*	0	--
	Process Cooling and Refrigeration	--	134	0	0	*	0	0	--
	Machine Drive	--	735	0	*	*	*	0	--
	Electro-Chemical Processes	--	22	--	--	--	--	--	--
	Other Process Use	--	44	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	216	0	*	1	*	0	--
	Facility HVAC (g)	--	82	0	*	1	*	0	--
	Facility Lighting	--	96	--	--	--	--	--	--
	Other Facility Support	--	28	0	0	*	*	0	--
	Onsite Transportation	--	10	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	0	0	*	0	*	0	--
	End Use Not Reported	1	0	0	0	*	0	0	1
327212	Other Pressed and Blown Glass and Glassware								
	TOTAL FUEL CONSUMPTION	91	5,121	0	*	Q	*	0	9
	Indirect Uses-Boiler Fuel	--	1	0	*	Q	*	0	--
	Conventional Boiler Use	--	1	0	*	Q	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	4,403	0	*	Q	*	0	--
	Process Heating	--	1,167	0	*	Q	*	0	--
	Process Cooling and Refrigeration	--	Q	0	0	0	0	0	--
	Machine Drive	--	Q	0	*	*	*	0	--
	Electro-Chemical Processes	--	13	--	--	--	--	--	--
	Other Process Use	--	352	0	*	0	*	0	--
	Direct Uses-Total Nonprocess	--	647	0	*	3	*	0	--
	Facility HVAC (g)	--	Q	0	*	Q	*	0	--
	Facility Lighting	--	232	--	--	--	--	--	--
	Other Facility Support	--	22	0	*	*	*	0	--
	Onsite Transportation	--	Q	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	0	--
	Other Nonprocess Use	--	0	0	*	0	*	0	--
	End Use Not Reported	12	69	0	0	2	*	0	9

Table 5.1 End Uses of Fuel Consumption, 2006;
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NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
327213	Glass Containers								
	TOTAL FUEL CONSUMPTION	64	3,944	0	*	49	*	0	*
	Indirect Uses-Boiler Fuel	--	0	0	0	*	0	0	--
	Conventional Boiler Use	--	0	0	0	*	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	3,512	0	*	47	*	0	--
	Process Heating	--	1,460	0	*	47	*	0	--
	Process Cooling and Refrigeration	--	113	0	0	0	0	0	--
	Machine Drive	--	1,925	0	*	0	0	0	--
	Electro-Chemical Processes	--	0	--	--	--	--	--	--
	Other Process Use	--	15	0	*	*	0	0	--
	Direct Uses-Total Nonprocess	--	431	0	*	2	*	0	--
	Facility HVAC (g)	--	191	0	*	2	*	0	--
	Facility Lighting	--	160	--	--	--	--	--	--
	Other Facility Support	--	28	0	0	*	*	0	--
	Onsite Transportation	--	12	--	--	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	40	0	0	0	0	0	--
	End Use Not Reported	*	0	0	0	0	0	0	*
327215	Glass Products from Purchased Glass								
	TOTAL FUEL CONSUMPTION	65	3,670	0	*	50	*	*	*
	Indirect Uses-Boiler Fuel	--	12	0	*	9	*	*	--
	Conventional Boiler Use	--	12	0	*	9	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	2,907	0	*	5	*	0	--
	Process Heating	--	1,626	0	*	5	*	0	--
	Process Cooling and Refrigeration	--	245	0	*	0	0	0	--
	Machine Drive	--	924	0	*	*	*	0	--
	Electro-Chemical Processes	--	52	--	--	--	--	--	--
	Other Process Use	--	61	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	709	0	*	2	*	0	--
	Facility HVAC (g)	--	383	0	*	2	*	0	--
	Facility Lighting	--	257	--	--	--	--	--	--
	Other Facility Support	--	54	0	*	*	*	0	--
	Onsite Transportation	--	12	--	--	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	3	0	*	*	*	0	--
	End Use Not Reported	Q	Q	0	0	Q	*	*	*
327310	Cements								
	TOTAL FUEL CONSUMPTION	382	11,992	*	1	19	*	11	82
	Indirect Uses-Boiler Fuel	--	0	0	*	1	*	0	--
	Conventional Boiler Use	--	0	0	*	Q	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	1	0	0	--
	Direct Uses-Total Process	--	10,059	*	*	18	*	10	--
	Process Heating	--	1,076	*	*	16	*	10	--
	Process Cooling and Refrigeration	--	76	0	0	0	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Machine Drive	--	8,564	0	*	Q	*	*	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	340	0	*	*	0	0	--
	Direct Uses-Total Nonprocess	--	1,796	*	*	*	*	0	--
	Facility HVAC (g)	--	719	*	*	*	*	0	--
	Facility Lighting	--	572	--	--	--	--	--	--
	Other Facility Support	--	360	0	*	*	*	0	--
	Onsite Transportation	--	74	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	72	0	*	0	0	0	--
	End Use Not Reported	85	136	0	*	0	*	*	82
327410	Lime								
	TOTAL FUEL CONSUMPTION	116	1,431	*	*	5	*	4	26
	Indirect Uses-Boiler Fuel	--	0	0	0	*	0	0	--
	Conventional Boiler Use	--	0	0	0	*	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	1,281	*	*	5	*	W	--
	Process Heating	--	190	*	*	5	*	W	--
	Process Cooling and Refrigeration	--	3	0	0	0	0	0	--
	Machine Drive	--	1,073	0	*	0	*	0	--
	Electro-Chemical Processes	--	15	--	--	--	--	--	--
	Other Process Use	--	*	0	*	0	0	0	--
	Direct Uses-Total Nonprocess	--	150	0	*	*	*	0	--
	Facility HVAC (g)	--	59	0	*	*	*	0	--
	Facility Lighting	--	64	--	--	--	--	--	--
	Other Facility Support	--	27	0	0	*	*	0	--
	Onsite Transportation	--	*	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	0	0	0	0	*	0	--
	End Use Not Reported	W	0	0	*	*	*	W	26
327420	Gypsum								
	TOTAL FUEL CONSUMPTION	86	1,845	*	*	74	*	0	2
	Indirect Uses-Boiler Fuel	--	1	0	*	2	0	0	--
	Conventional Boiler Use	--	1	0	*	2	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	1,677	0	*	69	*	0	--
	Process Heating	--	121	0	*	69	*	0	--
	Process Cooling and Refrigeration	--	26	0	0	*	0	0	--
	Machine Drive	--	1,529	0	*	*	0	0	--
	Electro-Chemical Processes	--	*	--	--	--	--	--	--
	Other Process Use	--	0	0	0	0	0	0	--
	Direct Uses-Total Nonprocess	--	168	*	*	1	*	0	--
	Facility HVAC (g)	--	77	*	0	1	*	0	--
	Facility Lighting	--	73	--	--	--	--	--	--
	Other Facility Support	--	17	*	*	*	0	0	--
	Onsite Transportation	--	Q	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	0	0	0	0	*	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	End Use Not Reported	5	*	0	0	2	*	0	2
327993	Mineral Wool								
	TOTAL FUEL CONSUMPTION	51	4,032	0	*	33	*	0	3
	Indirect Uses-Boiler Fuel	--	2	0	*	*	*	0	--
	Conventional Boiler Use	--	2	0	*	*	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	3,656	0	*	26	*	0	--
	Process Heating	--	1,481	0	0	26	*	0	--
	Process Cooling and Refrigeration	--	66	0	*	*	0	0	--
	Machine Drive	--	1,540	0	*	*	*	0	--
	Electro-Chemical Processes	--	3	--	--	--	--	--	--
	Other Process Use	--	566	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	375	0	*	2	*	0	--
	Facility HVAC (g)	--	139	0	*	2	*	0	--
	Facility Lighting	--	168	--	--	--	--	--	--
	Other Facility Support	--	61	0	0	*	0	0	--
	Onsite Transportation	--	3	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	4	0	*	0	*	0	--
	End Use Not Reported	8	0	0	*	5	*	0	3
331	PRIMARY METALS								
	TOTAL FUEL CONSUMPTION	1,745	134,325	3	1	568	1	1	651
	Indirect Uses-Boiler Fuel	--	361	1	*	56	*	*	--
	Conventional Boiler Use	--	361	*	*	29	*	*	--
	CHP and/or Cogeneration Process	--	--	1	0	27	0	*	--
	Direct Uses-Total Process	--	123,291	2	*	465	1	1	--
	Process Heating	--	39,042	2	*	445	*	*	--
	Process Cooling and Refrigeration	--	1,266	0	*	2	*	0	--
	Machine Drive	--	39,235	0	*	7	*	0	--
	Electro-Chemical Processes	--	42,658	--	--	--	--	--	--
	Other Process Use	--	1,090	0	*	10	*	*	--
	Direct Uses-Total Nonprocess	--	10,509	*	1	40	*	*	--
	Facility HVAC (g)	--	4,571	*	*	37	*	0	--
	Facility Lighting	--	4,472	--	--	--	--	--	--
	Other Facility Support	--	1,263	*	*	3	*	0	--
	Onsite Transportation	--	83	--	1	Q	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	*	--
	Other Nonprocess Use	--	120	0	*	*	*	0	--
	End Use Not Reported	666	164	1	*	8	*	*	651
331111	Iron and Steel Mills								
	TOTAL FUEL CONSUMPTION	1,147	51,198	3	1	317	*	1	609
	Indirect Uses-Boiler Fuel	--	146	1	*	26	0	*	--
	Conventional Boiler Use	--	146	*	*	13	0	0	--
	CHP and/or Cogeneration Process	--	--	1	0	13	0	*	--
	Direct Uses-Total Process	--	47,403	2	*	277	*	1	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Process Heating	--	22,354	2	*	265	*	*	--
	Process Cooling and Refrigeration	--	349	0	0	*	0	0	--
	Machine Drive	--	22,524	0	*	5	*	0	--
	Electro-Chemical Processes	--	1,810	--	--	--	--	--	--
	Other Process Use	--	367	0	*	7	*	*	--
	Direct Uses-Total Nonprocess	--	3,647	0	*	15	*	0	--
	Facility HVAC (g)	--	1,426	0	*	14	*	0	--
	Facility Lighting	--	1,801	--	--	--	--	--	--
	Other Facility Support	--	384	0	0	1	*	0	--
	Onsite Transportation	--	20	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	18	0	*	*	*	0	--
	End Use Not Reported	612	2	1	0	*	*	0	609
331112	Electrometallurgical Ferroalloy Products								
	TOTAL FUEL CONSUMPTION	17	3,111	0	*	1	*	*	3
	Indirect Uses-Boiler Fuel	--	0	0	0	1	0	0	--
	Conventional Boiler Use	--	0	0	0	1	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	3,044	0	0	1	0	0	--
	Process Heating	--	1,788	0	0	*	0	0	--
	Process Cooling and Refrigeration	--	10	0	0	0	0	0	--
	Machine Drive	--	258	0	0	0	0	0	--
	Electro-Chemical Processes	--	924	--	--	--	--	--	--
	Other Process Use	--	64	0	0	*	0	0	--
	Direct Uses-Total Nonprocess	--	66	0	*	*	*	0	--
	Facility HVAC (g)	--	34	0	0	*	0	0	--
	Facility Lighting	--	22	--	--	--	--	--	--
	Other Facility Support	--	10	0	0	*	0	0	--
	Onsite Transportation	--	0	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	0	0	*	0	*	0	--
	End Use Not Reported	5	0	0	0	0	0	*	3
3312	Steel Products from Purchased Steel								
	TOTAL FUEL CONSUMPTION	43	4,396	0	*	25	*	*	2
	Indirect Uses-Boiler Fuel	--	15	0	*	3	0	*	--
	Conventional Boiler Use	--	15	0	*	3	0	*	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	3,712	0	*	18	*	0	--
	Process Heating	--	1,054	0	*	17	*	0	--
	Process Cooling and Refrigeration	--	58	0	0	*	0	0	--
	Machine Drive	--	2,401	0	*	*	*	0	--
	Electro-Chemical Processes	--	131	--	--	--	--	--	--
	Other Process Use	--	68	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	669	0	*	4	*	0	--
	Facility HVAC (g)	--	282	0	0	3	*	0	--
	Facility Lighting	--	322	--	--	--	--	--	--
	Other Facility Support	--	54	0	*	*	*	0	--
	Onsite Transportation	--	5	--	*	*	*	--	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	Q	0	0	*	*	0	--
	End Use Not Reported	2	Q	0	0	*	*	0	2
3313	Alumina and Aluminum								
	TOTAL FUEL CONSUMPTION	273	44,515	*	*	113	*	*	3
	Indirect Uses-Boiler Fuel	--	21	*	*	18	*	0	--
	Conventional Boiler Use	--	21	*	*	4	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	14	0	0	--
	Direct Uses-Total Process	--	42,644	*	*	88	*	*	--
	Process Heating	--	1,829	*	*	84	*	*	--
	Process Cooling and Refrigeration	--	208	0	0	2	0	0	--
	Machine Drive	--	5,290	0	*	1	*	0	--
	Electro-Chemical Processes	--	35,279	--	--	--	--	--	--
	Other Process Use	--	39	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	1,836	0	*	4	*	0	--
	Facility HVAC (g)	--	718	0	*	4	*	0	--
	Facility Lighting	--	760	--	--	--	--	--	--
	Other Facility Support	--	330	0	*	1	*	0	--
	Onsite Transportation	--	17	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	11	0	*	0	*	0	--
	End Use Not Reported	5	14	0	0	2	*	0	3
331314	Secondary Smelting and Alloying of Aluminum								
	TOTAL FUEL CONSUMPTION	21	611	*	*	17	*	*	*
	Indirect Uses-Boiler Fuel	--	1	0	0	*	0	0	--
	Conventional Boiler Use	--	1	0	0	*	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	492	*	*	17	*	*	--
	Process Heating	--	131	*	0	16	*	*	--
	Process Cooling and Refrigeration	--	7	0	0	1	0	0	--
	Machine Drive	--	340	0	*	*	*	0	--
	Electro-Chemical Processes	--	*	--	--	--	--	--	--
	Other Process Use	--	14	0	0	0	0	0	--
	Direct Uses-Total Nonprocess	--	117	0	*	*	*	0	--
	Facility HVAC (g)	--	50	0	*	*	*	0	--
	Facility Lighting	--	53	--	--	--	--	--	--
	Other Facility Support	--	9	0	0	*	*	0	--
	Onsite Transportation	--	1	--	--	0	*	--	--
	Conventional Electricity Generation	--	--	0	0	0	0	0	--
	Other Nonprocess Use	--	4	0	*	0	*	0	--
	End Use Not Reported	*	0	0	0	*	*	0	*
331315	Aluminum Sheet, Plate and Foils								
	TOTAL FUEL CONSUMPTION	52	3,871	0	*	36	*	0	2
	Indirect Uses-Boiler Fuel	--	6	0	*	1	0	0	--
	Conventional Boiler Use	--	6	0	*	1	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	3,409	0	*	32	*	0	--
	Process Heating	--	802	0	*	31	*	0	--
	Process Cooling and Refrigeration	--	103	0	0	*	0	0	--
	Machine Drive	--	2,501	0	*	*	*	0	--
	Electro-Chemical Processes	--	1	--	--	--	--	--	--
	Other Process Use	--	2	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	442	0	*	2	*	0	--
	Facility HVAC (g)	--	179	0	*	1	0	0	--
	Facility Lighting	--	178	--	--	--	--	--	--
	Other Facility Support	--	72	0	*	*	0	0	--
	Onsite Transportation	--	7	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	6	0	*	0	*	0	--
	End Use Not Reported	3	14	0	0	1	0	0	2
331316	Aluminum Extruded Products								
	TOTAL FUEL CONSUMPTION	25	1,994	*	*	17	*	0	*
	Indirect Uses-Boiler Fuel	--	6	*	0	1	*	0	--
	Conventional Boiler Use	--	6	*	0	1	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	1,615	0	*	15	*	0	--
	Process Heating	--	383	0	*	14	*	0	--
	Process Cooling and Refrigeration	--	79	0	0	*	0	0	--
	Machine Drive	--	1,058	0	*	*	*	0	--
	Electro-Chemical Processes	--	71	--	--	--	--	--	--
	Other Process Use	--	23	0	0	*	*	0	--
	Direct Uses-Total Nonprocess	--	374	0	*	1	*	0	--
	Facility HVAC (g)	--	131	0	*	1	*	0	--
	Facility Lighting	--	198	--	--	--	--	--	--
	Other Facility Support	--	39	0	0	*	*	0	--
	Onsite Transportation	--	5	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	*	0	*	0	*	0	--
	End Use Not Reported	*	0	0	0	*	*	0	*
3314	Nonferrous Metals, except Aluminum								
	TOTAL FUEL CONSUMPTION	107	14,323	*	*	42	*	*	9
	Indirect Uses-Boiler Fuel	--	146	*	*	5	*	*	--
	Conventional Boiler Use	--	146	*	*	5	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	*	--
	Direct Uses-Total Process	--	12,775	*	*	31	*	*	--
	Process Heating	--	4,491	*	*	29	*	*	--
	Process Cooling and Refrigeration	--	302	0	*	*	*	0	--
	Machine Drive	--	3,694	0	*	*	*	0	--
	Electro-Chemical Processes	--	4,062	--	--	--	--	--	--
	Other Process Use	--	227	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	1,388	*	*	3	*	*	--
	Facility HVAC (g)	--	609	*	*	3	*	0	--
	Facility Lighting	--	546	--	--	--	--	--	--

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Other Facility Support	--	193	0	0	*	*	0	--
	Onsite Transportation	--	21	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	--	--
	Other Nonprocess Use	--	19	0	*	*	*	0	--
	End Use Not Reported	12	Q	0	0	3	*	*	9
3315	Foundries								
	TOTAL FUEL CONSUMPTION	158	16,781	*	*	70	*	0	27
	Indirect Uses-Boiler Fuel	--	34	0	*	3	*	0	--
	Conventional Boiler Use	--	34	0	*	3	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	13,714	*	*	51	*	0	--
	Process Heating	--	7,526	*	*	49	*	0	--
	Process Cooling and Refrigeration	--	340	0	*	*	0	0	--
	Machine Drive	--	5,070	0	*	1	*	0	--
	Electro-Chemical Processes	--	453	--	--	--	--	--	--
	Other Process Use	--	325	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	2,902	*	*	14	*	0	--
	Facility HVAC (g)	--	1,502	*	*	13	*	0	--
	Facility Lighting	--	1,020	--	--	--	--	--	--
	Other Facility Support	--	292	*	*	1	*	0	--
	Onsite Transportation	--	20	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	0	--
	Other Nonprocess Use	--	67	0	*	*	*	0	--
	End Use Not Reported	30	132	0	*	3	*	0	27
331511	Iron Foundries								
	TOTAL FUEL CONSUMPTION	80	8,563	*	*	23	*	0	27
	Indirect Uses-Boiler Fuel	--	2	0	0	1	*	0	--
	Conventional Boiler Use	--	2	0	0	1	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	6,996	*	*	14	*	0	--
	Process Heating	--	3,973	*	*	13	*	0	--
	Process Cooling and Refrigeration	--	109	0	0	*	0	0	--
	Machine Drive	--	2,364	0	*	*	*	0	--
	Electro-Chemical Processes	--	367	--	--	--	--	--	--
	Other Process Use	--	183	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	1,566	0	*	7	*	0	--
	Facility HVAC (g)	--	851	0	*	7	*	0	--
	Facility Lighting	--	484	--	--	--	--	--	--
	Other Facility Support	--	155	0	*	*	*	0	--
	Onsite Transportation	--	11	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	*	0	--
	Other Nonprocess Use	--	65	0	*	*	*	0	--
	End Use Not Reported	27	0	0	*	*	*	0	27
331521	Aluminum Die-Casting Foundries								
	TOTAL FUEL CONSUMPTION	22	1,937	0	*	15	*	0	*

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
Row: End Uses within NAICS Codes;
Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Indirect Uses-Boiler Fuel	--	7	0	*	1	*	0	--
	Conventional Boiler Use	--	7	0	*	1	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	1,465	0	*	11	*	0	--
	Process Heating	--	548	0	*	11	*	0	--
	Process Cooling and Refrigeration	--	71	0	0	*	0	0	--
	Machine Drive	--	844	0	*	*	*	0	--
	Electro-Chemical Processes	--	1	--	--	--	--	--	--
	Other Process Use	--	1	0	0	*	*	0	--
	Direct Uses-Total Nonprocess	--	466	0	*	2	*	0	--
	Facility HVAC (g)	--	237	0	0	2	*	0	--
	Facility Lighting	--	193	--	--	--	--	--	--
	Other Facility Support	--	29	0	0	*	*	0	--
	Onsite Transportation	--	6	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	1	0	*	*	*	0	--
	End Use Not Reported	1	0	0	0	1	*	0	*
331524	Aluminum Foundries, except Die-Casting								
	TOTAL FUEL CONSUMPTION	17	1,134	*	*	13	*	0	*
	Indirect Uses-Boiler Fuel	--	9	0	0	*	0	0	--
	Conventional Boiler Use	--	9	0	0	*	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	869	*	*	11	*	0	--
	Process Heating	--	348	*	*	10	*	0	--
	Process Cooling and Refrigeration	--	20	0	0	*	0	0	--
	Machine Drive	--	478	0	0	*	*	0	--
	Electro-Chemical Processes	--	1	--	--	--	--	--	--
	Other Process Use	--	22	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	245	*	*	2	*	0	--
	Facility HVAC (g)	--	107	*	*	1	*	0	--
	Facility Lighting	--	89	--	--	--	--	--	--
	Other Facility Support	--	46	*	*	*	*	0	--
	Onsite Transportation	--	3	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	*	0	0	0	*	0	--
	End Use Not Reported	1	13	0	0	*	*	0	*
332	FABRICATED METAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	397	41,965	*	*	234	1	0	Q
	Indirect Uses-Boiler Fuel	--	161	*	*	36	0	0	--
	Conventional Boiler Use	--	161	*	*	34	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	Q	0	0	--
	Direct Uses-Total Process	--	32,249	0	*	154	*	0	--
	Process Heating	--	8,271	0	*	150	*	0	--
	Process Cooling and Refrigeration	--	1,476	0	0	Q	0	0	--
	Machine Drive	--	20,510	0	*	1	*	0	--
	Electro-Chemical Processes	--	771	--	--	--	--	--	--
	Other Process Use	--	1,221	0	*	Q	*	0	--
	Direct Uses-Total Nonprocess	--	9,124	*	*	37	1	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	TOTAL FUEL CONSUMPTION	63	12,747	*	*	18	*	0	1
	Indirect Uses-Boiler Fuel	--	50	0	*	9	0	0	--
	Conventional Boiler Use	--	50	0	*	9	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	8,152	0	*	2	*	0	--
	Process Heating	--	1,780	0	*	1	*	0	--
	Process Cooling and Refrigeration	--	1,740	0	*	*	0	0	--
	Machine Drive	--	2,662	0	0	*	0	0	--
	Electro-Chemical Processes	--	357	--	--	--	--	--	--
	Other Process Use	--	1,613	0	*	1	0	0	--
	Direct Uses-Total Nonprocess	--	4,544	*	*	7	*	0	--
	Facility HVAC (g)	--	3,077	*	*	7	*	0	--
	Facility Lighting	--	784	--	--	--	--	--	--
	Other Facility Support	--	620	0	0	*	*	0	--
	Onsite Transportation	--	2	--	0	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	62	0	*	*	*	0	--
	End Use Not Reported	1	0	0	*	*	*	0	1
335	ELEC. EQUIP., APPLIANCES, COMPONENTS								
	TOTAL FUEL CONSUMPTION	87	12,867	0	*	40	*	0	Q
	Indirect Uses-Boiler Fuel	--	33	0	0	7	0	0	--
	Conventional Boiler Use	--	33	0	0	7	0	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	8,816	0	*	24	*	0	--
	Process Heating	--	2,882	0	*	22	*	0	--
	Process Cooling and Refrigeration	--	585	0	*	Q	0	0	--
	Machine Drive	--	4,709	0	*	0	--	0	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	410	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	3,845	0	*	8	*	0	--
	Facility HVAC (g)	--	1,855	0	*	8	*	0	--
	Facility Lighting	--	1,477	--	--	--	--	--	--
	Other Facility Support	--	450	0	*	*	0	0	--
	Onsite Transportation	--	16	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	Q	0	*	0	*	0	--
	End Use Not Reported	2	Q	0	*	*	*	0	Q
336	TRANSPORTATION EQUIPMENT								
	TOTAL FUEL CONSUMPTION	479	57,169	1	*	242	1	*	17
	Indirect Uses-Boiler Fuel	--	563	1	*	40	*	*	--
	Conventional Boiler Use	--	563	1	*	36	*	*	--
	CHP and/or Cogeneration Process	--	--	*	*	4	0	*	--
	Direct Uses-Total Process	--	34,316	*	*	111	*	0	--
	Process Heating	--	7,700	*	*	73	*	0	--
	Process Cooling and Refrigeration	--	3,601	*	0	2	*	0	--
	Machine Drive	--	21,086	*	*	3	*	0	--
	Electro-Chemical Processes	--	494	--	--	--	--	--	--

Table 5.1 End Uses of Fuel Consumption, 2006;
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Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Other Process Use	--	1,435	0	*	Q	*	0	--
	Direct Uses-Total Nonprocess	--	21,993	*	*	87	1	0	--
	Facility HVAC (g)	--	10,909	*	*	83	*	0	--
	Facility Lighting	--	8,311	--	--	--	--	--	--
	Other Facility Support	--	2,083	*	*	Q	*	0	--
	Onsite Transportation	--	387	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	0	--
	Other Nonprocess Use	--	302	*	*	*	*	0	--
	End Use Not Reported	22	297	0	*	4	*	*	17
336111	Automobiles								
	TOTAL FUEL CONSUMPTION	39	3,885	*	*	21	*	*	2
	Indirect Uses-Boiler Fuel	--	70	*	0	3	0	*	--
	Conventional Boiler Use	--	70	*	0	3	0	*	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	2,064	0	*	12	*	0	--
	Process Heating	--	267	0	0	11	*	0	--
	Process Cooling and Refrigeration	--	160	0	0	1	0	0	--
	Machine Drive	--	1,415	0	*	*	*	0	--
	Electro-Chemical Processes	--	65	--	--	--	--	--	--
	Other Process Use	--	157	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	1,657	0	*	5	*	0	--
	Facility HVAC (g)	--	937	0	*	5	*	0	--
	Facility Lighting	--	584	--	--	--	--	--	--
	Other Facility Support	--	109	0	*	*	0	0	--
	Onsite Transportation	--	25	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	1	0	*	0	*	0	--
	End Use Not Reported	3	94	0	*	1	*	*	2
336112	Light Trucks and Utility Vehicles								
	TOTAL FUEL CONSUMPTION	43	4,516	*	*	24	*	*	1
	Indirect Uses-Boiler Fuel	--	43	*	*	6	*	*	--
	Conventional Boiler Use	--	43	*	*	6	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	2,785	0	*	11	*	0	--
	Process Heating	--	125	0	0	10	*	0	--
	Process Cooling and Refrigeration	--	363	0	0	*	*	0	--
	Machine Drive	--	1,925	0	*	*	*	0	--
	Electro-Chemical Processes	--	83	--	--	--	--	--	--
	Other Process Use	--	289	0	*	*	*	0	--
	Direct Uses-Total Nonprocess	--	1,687	0	*	7	*	0	--
	Facility HVAC (g)	--	811	0	*	6	*	0	--
	Facility Lighting	--	637	--	--	--	--	--	--
	Other Facility Support	--	159	0	*	*	0	0	--
	Onsite Transportation	--	73	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	7	0	*	0	*	0	--
	End Use Not Reported	1	*	0	*	*	*	0	1

Table 5.1 End Uses of Fuel Consumption, 2006;
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NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
3364	Aerospace Products								
	TOTAL FUEL CONSUMPTION	77	11,430	*	*	30	*	*	3
	Indirect Uses-Boiler Fuel	--	183	*	*	14	*	*	--
	Conventional Boiler Use	--	183	*	*	10	*	*	--
	CHP and/or Cogeneration Process	--	--	*	*	4	0	0	--
	Direct Uses-Total Process	--	5,184	*	*	6	*	0	--
	Process Heating	--	1,467	*	*	4	*	0	--
	Process Cooling and Refrigeration	--	886	*	0	*	*	0	--
	Machine Drive	--	2,529	*	*	Q	*	0	--
	Electro-Chemical Processes	--	112	--	--	--	--	--	--
	Other Process Use	--	189	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	5,978	*	*	7	*	0	--
	Facility HVAC (g)	--	3,175	*	*	7	*	0	--
	Facility Lighting	--	2,122	--	--	--	--	--	--
	Other Facility Support	--	609	*	*	*	*	0	--
	Onsite Transportation	--	65	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	*	0	--
	Other Nonprocess Use	--	7	0	*	*	*	0	--
	End Use Not Reported	5	86	0	*	2	*	0	3
336411	Aircraft								
	TOTAL FUEL CONSUMPTION	20	3,400	*	*	8	*	0	*
	Indirect Uses-Boiler Fuel	--	16	*	*	5	*	0	--
	Conventional Boiler Use	--	16	*	*	5	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	1,372	0	*	2	*	0	--
	Process Heating	--	266	0	*	1	*	0	--
	Process Cooling and Refrigeration	--	335	0	0	*	0	0	--
	Machine Drive	--	671	0	*	*	*	0	--
	Electro-Chemical Processes	--	16	--	--	--	--	--	--
	Other Process Use	--	84	0	0	0	0	0	--
	Direct Uses-Total Nonprocess	--	2,004	0	*	2	*	0	--
	Facility HVAC (g)	--	992	0	*	2	*	0	--
	Facility Lighting	--	783	--	--	--	--	--	--
	Other Facility Support	--	183	0	0	*	0	0	--
	Onsite Transportation	--	39	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	7	0	*	0	*	0	--
	End Use Not Reported	*	9	0	*	0	*	0	*
337	FURNITURE AND RELATED PRODUCTS								
	TOTAL FUEL CONSUMPTION	60	9,264	*	*	16	*	*	7
	Indirect Uses-Boiler Fuel	--	126	*	*	1	*	*	--
	Conventional Boiler Use	--	126	*	*	1	*	*	--
	CHP and/or Cogeneration Process	--	--	0	0	*	0	0	--
	Direct Uses-Total Process	--	4,455	0	*	7	*	0	--
	Process Heating	--	592	0	*	7	*	0	--
	Process Cooling and Refrigeration	--	132	0	0	*	0	0	--

Table 5.1 End Uses of Fuel Consumption, 2006;
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NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
	Machine Drive	--	3,686	0	*	*	*	0	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	Q	0	*	0	*	0	--
	Direct Uses-Total Nonprocess	--	2,954	*	*	7	*	*	--
	Facility HVAC (g)	--	1,211	*	*	7	*	*	--
	Facility Lighting	--	1,284	--	--	--	--	--	--
	Other Facility Support	--	400	0	0	*	0	0	--
	Onsite Transportation	--	34	--	*	*	*	--	--
	Conventional Electricity Generation	--	--	0	*	0	0	0	--
	Other Nonprocess Use	--	Q	0	*	0	*	0	--
	End Use Not Reported	15	Q	0	0	Q	*	*	7
339	MISCELLANEOUS								
	TOTAL FUEL CONSUMPTION	66	9,677	*	*	24	*	0	Q
	Indirect Uses-Boiler Fuel	--	226	*	0	4	*	0	--
	Conventional Boiler Use	--	226	*	0	4	*	0	--
	CHP and/or Cogeneration Process	--	--	0	0	0	0	0	--
	Direct Uses-Total Process	--	4,880	*	*	6	*	0	--
	Process Heating	--	983	*	*	5	*	0	--
	Process Cooling and Refrigeration	--	574	0	0	*	0	0	--
	Machine Drive	--	3,175	0	*	*	*	0	--
	Electro-Chemical Processes	--	Q	--	--	--	--	--	--
	Other Process Use	--	83	0	*	1	*	0	--
	Direct Uses-Total Nonprocess	--	4,506	*	*	13	*	0	--
	Facility HVAC (g)	--	2,388	*	*	12	*	0	--
	Facility Lighting	--	1,617	--	--	--	--	--	--
	Other Facility Support	--	484	0	0	1	*	0	--
	Onsite Transportation	--	17	--	*	0	*	--	--
	Conventional Electricity Generation	--	--	0	*	*	0	0	--
	Other Nonprocess Use	--	0	0	*	*	*	0	--
	End Use Not Reported	Q	64	0	*	Q	*	0	Q

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

(b) 'Net Electricity' is obtained by summing purchases, transfers in, and generation from noncombustible renewable resources, minus quantities sold and transferred out. It does not include electricity inputs from onsite cogeneration or generation from combustible fuels because that energy has already been included as generating fuel (for example, coal)

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

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

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

(f) 'Other' includes net steam (the sum of purchases, generation from renewables, and net transfers), and other energy that respondents indicated was used to produce heat and power.

Table 5.1 End Uses of Fuel Consumption, 2006;
Level: National Data;
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Column: Energy Sources, including Net Electricity;
Unit: Physical Units or Btu.

NAICS Code(a)	End Use	Total (trillion Btu)	Net Electricity(b) (million kWh)	Residual Fuel Oil (million bbl)	Distillate Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	LPG and NGL(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
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(g) Facility Heating, Ventilation, and Air Conditioning ('Facility HVAC') excludes steam and hot water.

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.

S=Negative value.

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. The estimates presented in this table are for the total consumption of energy (formerly total inputs of energy for the production of heat, power, and electricity generation regardless of where the energy was produced. Specifically, the estimate include the quantities of energy that were originally produced offsite and purchased by or transferred to the establishment, plus those that were produced onsite from other energy or input materials not classified as energy, or were extracted from captive (onsite) mines or wells. Allocations to specific end uses are made on the basis of reasonable approximations by respondents.

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