Table 5.1 End Uses of Fuel Consumption, 2014;

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)	HGL (excluding natural gasoline)(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
		Total United S	States						
311 - 339	ALL MANUFACTURING INDUSTRIES								
	TOTAL FUEL CONSUMPTION	14,903	762,136	5	17	5,693	22	35	5,455
	Indirect Uses-Boiler Fuel		9,640	3	2	2,240	2	18	
	Conventional Boiler Use		9,640	2	1	735	1	2	
	CHP and/or Cogeneration Process Direct Uses-Total Process		594,248	2 1	<u>1</u>	1,505 2,869	1 12	16 13	
	Process Heating		100,298	1	1	2,517	10		
	Process Cooling and Refrigeration		55,444	*	*	26	*	0	
	Machine Drive		367,368	*	2	158	1	*	
	Electro-Chemical Processes		51,672						
	Other Process Use Direct Uses-Total Nonprocess		19,466 144,273	*	1 10	169 421	1		
	Facility HVAC (g)		72,284	*	1	358			
	Facility Lighting		49,790				-		
	Other Facility Support		15,143	*	*	40	*	*	
	Onsite Transportation		3,854		7	2	5		
	Conventional Electricity Generation			*	*	12	*	*	
	Other Nonprocess Use	 7.61	3,202	*	2	8	*	*	
	End Use Not Reported	5,761	13,975		1	163	1	4	5,455
311	FOOD								
	TOTAL FUEL CONSUMPTION	1,114	72,331	1	3	554	1	5	158
	Indirect Uses-Boiler Fuel		2,077	1	1	321	*	3	
	Conventional Boiler Use		2,077	*	*	143	*	11	
	CHP and/or Cogeneration Process			*	1	178 175	*	3	
	Direct Uses-Total Process Process Heating		55,265 3,187	*	*	175	*	1	
	Process Cooling and Refrigeration		19,416	*	*	3	*	0	
	Machine Drive		31,117	*	*	4	*	0	
	Electro-Chemical Processes		167						
	Other Process Use		1,378	0	*	11	*	0	
	Direct Uses-Total Nonprocess		13,545	*	2	48	1	*	-
	Facility HVAC (g) Facility Lighting		5,987 5,302			32			
	Other Facility Support		1,422	*	*	15	*	*	
	Onsite Transportation		693		1	*	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		141	0	1	1	*	0	
	End Use Not Reported	197	1,443	0	*	10	*	1	158
3112	Grain and Oilseed Milling								
	TOTAL FUEL CONSUMPTION	278	14,591	*	*	129	*	3	29
	Indirect Uses-Boiler Fuel		491	*	*	84	*	2	
	Conventional Boiler Use		491	0	*	49	*	1	
	CHP and/or Cogeneration Process Direct Uses-Total Process			*	*	35	*	1*	
	Process Heating		12,548 396	*	*	41 34	*	*	
	Process Cooling and Refrigeration		1,417	0	*	2	0		
	Machine Drive		10,648	0	*	1	*		
	Electro-Chemical Processes		2						
	Other Process Use		86	0	*	4	*	0	
	Direct Uses-Total Nonprocess		1,456	*	*	4	*	*	
	Facility HVAC (g) Facility Lighting		587 656	*	*	3	*	*	
	Other Facility Support		131	0	*	1	*	*	
	Onsite Transportation		52	-	*	*	*		
	Conventional Electricity Generation			0	*	*	*	0	

	Other Nonprocess Use End Use Not Reported	52	30 Q	0	*	*	*	0 1	
311221	Wet Corn Milling								
	TOTAL FUEL CONSUMPTION	138	6,461	0	*	46	*	2	13
	Indirect Uses-Boiler Fuel		268	0	*	31	0	1	-
	Conventional Boiler Use		268	0	*	17	0	*	
	CHP and/or Cogeneration Process		 E 726	0	0 *	13 15	0 *	1 *	
	Direct Uses-Total Process Process Heating		5,736 67	0	*	14	*	*	
	Process Cooling and Refrigeration		927	0	0	*	0	0	
	Machine Drive		4,739	0	*	*	0	0	
	Electro-Chemical Processes		0						
	Other Process Use		4	0	0	*	0	0	
	Direct Uses-Total Nonprocess		458	0	*	1	*	0	
	Facility HVAC (g)		167	0	*	1	*	0	
	Facility Lighting		233			*	*		
	Other Facility Support		51	00	0*	*	*	0	
	Onsite Transportation		6 	 0	*	0	*	 0	
	Conventional Electricity Generation Other Nonprocess Use		0	0	*	0	0	0	
	End Use Not Reported	35	0	0	0	0	*	1	13
31131	Sugar								
	TOTAL FUEL CONSUMPTION	174	1,224	*	*	15	*	2	108
	Indirect Uses-Boiler Fuel		57	*	*	10	0	1	
	Conventional Boiler Use	-	57	*	0	3	0	0	
	CHP and/or Cogeneration Process			*	*	8	0	1	
	Direct Uses-Total Process		994	*	*	5	0	1	
	Process Heating		41	0	0	5	0	1	
	Process Cooling and Refrigeration		25	0	0	0	0	0	
	Machine Drive Electro-Chemical Processes		923 5			0	<u>_</u>	0	
	Other Process Use		0	0	0	*	0	0	
	Direct Uses-Total Nonprocess		174	0	*	*	*	0	
	Facility HVAC (g)		72	0	0	*	*	0	
	Facility Lighting		106						
	Other Facility Support		24	0	0	*	0	0	
	Onsite Transportation		1		*	0	*		
	Conventional Electricity Generation			0	0	0	0	0	
	Other Nonprocess Use		-30	0	*	0	*	0	
	End Use Not Reported	108	0	0	0	0		0	108
3114	Fruit and Vegetable Preserving and Specialty Foods								
	TOTAL FUEL CONSUMPTION	146	9,551	*	*	102	*	*	5
	Indirect Uses-Boiler Fuel		270	*	*	67	*	*	
	Conventional Boiler Use		270	*	*	22	*	0	
	CHP and/or Cogeneration Process		7.446	*	*	45	*	*	
	Direct Uses-Total Process		7,116	*	*	20	*	0	
	Process Cooling and Refrigeration		3,899	0	*	19	0	0	
	Machine Drive		2,620	0	*	*	*	0	
	Electro-Chemical Processes		29						
	Other Process Use		124	0	*	*	*	0	
	Direct Uses-Total Nonprocess		2,038	*	*	9	*	0	
	Facility HVAC (g)		878	*	*	7	*	0	
	Facility Lighting		722						
	Other Facility Support		237	*	0	1	*	0	
	Onsite Transportation		166		*	*	*		
	Conventional Electricity Generation			0	*	*	0	0	
	Other Nonprocess Use		36	0	*	0 6	*	0	
	End Use Not Reported	12	127	0		ь			5
3115	Dairy Products								
	TOTAL FUEL CONSUMPTION	109	10,350	*	*	66	*	*	2
	Indirect Uses-Boiler Fuel		277	*	*	43	*	0	
	Conventional Boiler Use		277	*	*	21	*	0	
	CHP and/or Cogeneration Process			*	*	22	*	0 *	-
	Direct Uses-Total Process		7,467	*	*	18	*	*	
	Process Cooling and Refrigeration		288 3,402	*	*	15	0	0	
	Process Cooling and Refrigeration		3,402	·			U	U	

	Machine Drive		3,593	*	*	1	*	0	
	Electro-Chemical Processes		16						
	Other Process Use		167	0	*	1	*	0*	
	Direct Uses-Total Nonprocess		1,874	*	*	4	*	*	
	Facility HVAC (g)		870			4			
	Facility Lighting		654				*		
	Other Facility Support		178 140	0	0 *	1 *	*	0 	
	Onsite Transportation		140	0	*	0	0	0	
	Conventional Electricity Generation		33	0	*	*	*	0	
	Other Nonprocess Use End Use Not Reported	6	733	0	*	2	*	0	2
	Liu ose Not neporteu		733						
3116	Animal Slaughtering and Processing								
	TOTAL FUEL CONSUMPTION	201	18,173	*	1	122	*	*	5
	Indirect Uses-Boiler Fuel		484	*	*	77	*	*	
	Conventional Boiler Use		484	*	*	29	*	0	
	CHP and/or Cogeneration Process			*	*	48	*	*	
	Direct Uses-Total Process		14,163	00	*	26	*	0	
	Process Heating		866	0	*	21	*	00	
	Process Cooling and Refrigeration		7,520	00	*	*	*	0	
	Machine Drive		5,155	00	*	1	*	0	
	Electro-Chemical Processes		73						
	Other Process Use		550	0	*	4	*	0	
	Direct Uses-Total Nonprocess		3,165	*	1	19	*	0	
	Facility HVAC (g)		1,271	00	*	8	*	0	
	Facility Lighting		1,325	*	*		*		
	Other Facility Support		394		*	*	*	0	
	Onsite Transportation		110		*	*			
	Conventional Electricity Generation Other Nonprocess Use		 65	0	*	*	0	0	
	End Use Not Reported	8	63 Q	0	*	1	*	0	 5
	Elia Ose Not Reported								
312	BEVERAGE AND TOBACCO PRODUCTS								
	TOTAL FUEL CONSUMPTION	95	9,808	*	*	47	*	*	4
	Indirect Uses-Boiler Fuel		152	*	*	33	*	*	
	Conventional Boiler Use		152	*	*	20	*	*	
	CHP and/or Cogeneration Process			0	*	13	*	*	
	Direct Uses-Total Process		6,206	0	*	6	*	*	
	Process Heating		434	0		6 *			
	Process Cooling and Refrigeration Machine Drive		1,942 3,559	0	0 *	*	0 *	0	
	Electro-Chemical Processes		21						
	Other Process Use		249	0	*	*	*	0	
	Direct Uses-Total Nonprocess		2,685	0	*	5	*	*	
	Facility HVAC (g)		1,181	0	*	4	*	*	
	Facility Lighting		934						
	Other Facility Support		327	0	*	*	*	0	
	Onsite Transportation		200		*	*	*		
	Conventional Electricity Generation			0	*	*	0	0	
	Other Nonprocess Use		43	0	*	*	*	0	
	End Use Not Reported	9	766	0	*	2	*	0	4
3121	Beverages								
	TOTAL FILE CONCURATION		0.000		*	42	*	*	
	TOTAL FUEL CONSUMPTION	86	8,868	0	*	42	*	*	4
	Indirect Uses-Boiler Fuel Conventional Boiler Use		145	0	*	30 17	*	*	
	Conventional Boiler Use CHP and/or Cogeneration Process		145	0	*	12	*	*	
	Direct Uses-Total Process		5,715	0	*	5	*	0	
	Process Heating		392	0	*	5	*	0	
	Process Cooling and Refrigeration		1,897	0	0	*	0	0	
	Machine Drive		3,165	0	*	*	*	0	
	Electro-Chemical Processes		21						
	Other Process Use		240	0	*	*	*	0	
	Direct Uses-Total Nonprocess		2,243	0	*	5	*	0	
	Facility HVAC (g)		914	0	*	4	*	0	
	Facility Lighting		812						
			281	0	0	*	*	0	
	Other Facility Support		404		*	*	*		
	Other Facility Support Onsite Transportation		194						
	Onsite Transportation Conventional Electricity Generation	 		0	*	*	0	0	
	Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		 41	0	*	*	*	0	
	Onsite Transportation Conventional Electricity Generation			0	*	*		0	
3122	Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		 41	0	*	*	*	0	

				*	*		*	*	
	TOTAL FUEL CONSUMPTION	9	940	*	*	5	*	*	·
	Indirect Uses-Boiler Fuel			*	*	4	*	*	
	Conventional Boiler Use CHP and/or Cogeneration Process		/	0	*	3	*	*	
	Direct Uses-Total Process		491	0	*	1	*	*	
	Process Heating		43	0	*	1	*	*	
	Process Cooling and Refrigeration		45	0	0	*	0	0	
	Machine Drive		395	0	*	*	*	0	
	Electro-Chemical Processes		*						
	Other Process Use		9	0	0	*	*	0	
	Direct Uses-Total Nonprocess		442	0	*	1	*	*	
	Facility HVAC (g)		266	0	*	*	*	*	
	Facility Lighting		122						
	Other Facility Support		46	0	*	*	0	0	
	Onsite Transportation		7		*	*	*		
	Conventional Electricity Generation	<u></u>		00	*	0	0	00	
	Other Nonprocess Use		2	0	*	*	*	00	
	End Use Not Reported	*	0	0	0	0	0	0	*
13	TEXTILE MILLS								
	TOTAL FUEL CONSUMPTION	97	12,586	*	*	35	*	*	12
	Indirect Uses-Boiler Fuel		259		*	13	*	*	
	Conventional Boiler Use CHP and/or Cogeneration Process		259	0	*	9	*	*	
				*	*		*		
	Direct Uses-Total Process Process Heating		9,204	*	*	19 12	*	0	
	Process Cooling and Refrigeration		467	0	0	*	*	0	
	Machine Drive		7,443	0	0	Q	*	0	
	Electro-Chemical Processes		1						
	Other Process Use		229	0	*	1	*	0	
	Direct Uses-Total Nonprocess		3,091	*	*	3	*	0	
	Facility HVAC (g)		1,872	*	*	2	*	0	
	Facility Lighting		916						
	Other Facility Support		186	0	*	*	*	0	
	Onsite Transportation		110		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		Q	0	*	0	*	0	
	End Use Not Reported	12	Q	0	0	1	*	0	12
D11	TEVTILE DECIDIOT MILLS								
314	TEXTILE PRODUCT MILLS								
314	TEXTILE PRODUCT MILLS								
14	TEXTILE PRODUCT MILLS TOTAL FUEL CONSUMPTION	27	2,748	*	*	16	*	*	*
114		27	2,748 134	*	*	16 7	*	*	*
14	TOTAL FUEL CONSUMPTION								*
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		134	*	*	7	*	*	*
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		134 134	*	*	7	*	*	*
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		134 134 1,832 191	* 0 * 0	* * *	7 4 2 6 5	* * *	* * * 0 0	*
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		134 134 1,832	* 0 *	* * * * 0	7 4 2 6 5	* * * * * * * * * * * * * * * * * * * *	* * * 0 0 0	*
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		134 134 1,832 191 180 1,442	* 0 * 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0	* * * * * * * * * * * * * * * * * * * *	* * * 0 0 0 0	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		134 134 1,832 191 180 1,442 8	* 0 * 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 *	* * * * * * * * * * * * * * * * * * * *	* * 0 0 0 0	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		134 134 1,832 191 180 1,442 8	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 *	* *	* * * 0 0 0 0 0 0	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		134 134 1,832 191 180 1,442 8 12	* 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 *	* * * * * * * * * * * * * * * * * * *	* * * 0	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		134 134 1,832 191 180 1,442 8 12 780 355	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3	* * * * * * * * * * * * * * * * * * *	* * * 0	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		134 134 1,832 191 180 1,442 8 12 780 355 289	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3	* * * * * * * * * * * * * * * * * * * *	* * O	
114	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		134 134 1,832 191 180 1,442 8 112 780 355 289 67	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 4 3	* * * * * * * * * * * * * * * * * * * *	* * * 0 0 00 00	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		134 134 134 1,832 191 180 1,442 8 12 780 355 289 67 68	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 5 0 * * 4 3 3	* * * * * * * * * * * * * * * * * * *	* * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		134 134 1,832 191 180 1,442 8 12 780 355 289 67 68	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 *	* * * * * * 0 * * * * * 0 * * * 0 * * 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * O	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		134 134 134 1,832 191 180 1,442 8 12 780 355 289 67 68 *	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 *	* * * * * * * * * * * * * * * * * * *	* * * O	
14	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		134 134 1,832 191 180 1,442 8 12 780 355 289 67 68	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 *	* * * * * * 0 * * * * * 0 * * * 0 * * 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * O	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		134 134 134 1,832 191 180 1,442 8 12 780 355 289 67 68 *	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 *	* * * * * * * * * * * * * * * * * * *	* * * O	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		134 134 134 1,832 191 180 1,442 8 12 780 355 289 67 68 *	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 *	* * * * * * * * * * * * * * * * * * *	* * * O	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		134 134 134 1,832 191 180 1,442 8 112 780 355 289 67 68 * Q	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 5 0 * * 4 3 3 * 0 0	* * * * * * * * * * * * * * * * * * *	* * 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL		134 134 134 1,832 191 180 1,442 8 12 780 355 289 67 68 * Q	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * 	* * * * * * * * * * * * * * * * * * *	* * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 * 0 0 0 * *	* *	* * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 * 0 0 0 * *	* * * * * * * * * * * * *	* * * 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 5 0 * 	* * * 0 * * 0 * * 0 * * 0 * 0 * 0	* * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 3 * 0 0 0 1 * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 3 * 0 0 0 1 * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	* * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Process Heating Process Cooling and Refrigeration		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 * 0 0 0 * * * 0 0 0 0 *	* * * 0 * * * 0 * * * 0 * *	* * * * 0 00 0 0 0 0 0 0 0 0 0 0 0 00 0	
114	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		134 134 134 134 134 134 134 134 134 1314 1314 1314 1314 1314 1314	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 * 0 0 0 1 * * 0 0 0 *	* * * * * * * * * * * * *	* *	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported APPAREL TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Process Heating Process Cooling and Refrigeration		134 134 134 134 134 134 134 134 134 134	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	7 4 2 6 5 0 * * 4 3 * 0 0 0 * * * 0 0 0 0 *	* * * 0 * * * 0 * * * 0 * *	* * * * 0 00 0 0 0 0 0 0 0 0 0 0 0 00 0	

	Facility HVAC (g)		228	0	*	*	*	0	
	Facility Lighting		134			*			-
	Other Facility Support		27	0	0 *		0 *	0	
	Onsite Transportation Conventional Electricity Generation			 0	0	0	0	 0	
	Other Nonprocess Use		0	0	0	0	0	0	
	End Use Not Reported	*	Q	0	0	*	*	0	*
316	LEATHER AND ALLIED PRODUCTS								
				*	*		*		
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	3	316	*	*	1 *	0	0	
	Conventional Boiler Use		2	0	0	*	0	0	
	CHP and/or Cogeneration Process			*	*	*	0	0	
	Direct Uses-Total Process		241	*	*	1	*	0	
	Process Heating		25	0	*	1	*	0	
	Process Cooling and Refrigeration		11	00	0	0	0	0	
	Machine Drive		202	00	00	*	0	0	
	Electro-Chemical Processes		1	*		*	*		
	Other Process Use Direct Uses-Total Nonprocess		2 72	0	0 *	*	*	0	
	Facility HVAC (g)		31	0	*	*	*	0	
	Facility Lighting		33						
	Other Facility Support		7	0	0	*	*	0	
	Onsite Transportation		1		*	0	*		
	Conventional Electricity Generation			0	0	0	0	0	
	Other Nonprocess Use	*	*	0	*	0 *	0 *	0	*
	End Use Not Reported	*	Q	0	0	*	*	0	*
321	WOOD PRODUCTS								
	WOOD NODOCIS								
	TOTAL FUEL CONSUMPTION	384	21,308	*	2	48	1	*	248
	Indirect Uses-Boiler Fuel		237	0	*	11	*	*	
	Conventional Boiler Use		237	0	*	3	*	*	
	CHP and/or Cogeneration Process			0 *	*	7	*	*	
	Direct Uses-Total Process		17,486	*	*	31 27	*	*	
	Process Heating Process Cooling and Refrigeration		1,227 152	0	*	*	0	0	
	Machine Drive		15,816	*	*	2	*	0	
	Electro-Chemical Processes		62						
	Other Process Use		229	*	*	2	*	0	
	Direct Uses-Total Nonprocess		3,352	0	11	6	1	0	
	Facility HVAC (g)		1,614	0	*	6	*	0	
	Facility Lighting		1,279	0	*	*	*	 0	
	Other Facility Support Onsite Transportation		336 49		1	*	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		73	0	*	*	*	0	
	End Use Not Reported	250	233	0	*	*	*	0	248
321113	Sawmills								
	TOTAL FUEL CONSUMPTION	123	5,001	*	1	6	*	*	95
	Indirect Uses-Boiler Fuel		-21	0	*	2	*	0	
	Conventional Boiler Use		-21	0	*	1	0	0	
	CHP and/or Cogeneration Process			0	*	1	*	0	
	Direct Uses-Total Process		4,269	*	*	4	*	*	
	Process Heating		295	*	*	4	*	*	
	Process Cooling and Refrigeration		14	0	0 *	0	0 *	0	
	Machine Drive		3,923 6					0	-
	Electro-Chemical Processes Other Process Use		31	0	*		*		
	Direct Uses-Total Nonprocess		644	0	1	*	*	0	
	Facility HVAC (g)		207	0	*	*	*	0	
	Facility Lighting		345						
	Other Facility Support		87	0	*	*	*	0	
	Onsite Transportation		3		1 *	*	*		- -
	Conventional Electricity Generation		1	0	*	*	*	0	
	Other Nonprocess Use End Use Not Reported		1 109	0	*	0	*	0	 95
		30	103						
3212	Veneer, Plywood, and Engineered Woods								
	TOTAL FUEL CONSUMPTION	161	7,377	0	*	28	*	*	104
	Indirect Uses-Boiler Fuel		149	00	*	4	*	*	

	Conventional Boiler Use		149	0	*	2	*	*	
	CHP and/or Cogeneration Process			0	*	3	*	*	
	Direct Uses-Total Process		6,289	0	*	22	*	0	
	Process Heating		538	0	*	18	*	0	
	Process Cooling and Refrigeration		59	0	0	0	0	0	
	Machine Drive		5,603	0	*	11	*	0	
	Electro-Chemical Processes		40						
	Other Process Use		49	0	*	2	*	0	
	Direct Uses-Total Nonprocess		887	0	*	2	*	0	
	Facility HVAC (g)		337	0	*	1	*	0	
	Facility Lighting		390			*			
	Other Facility Support		106	0	*		*	0	
	Onsite Transportation		7		*	0			
	Conventional Electricity Generation			0	*	0 *	0 *	0	
	Other Nonprocess Use		47	0	*	*	*	0	
	End Use Not Reported	104	51	0				0	104
221210	Deconstituted Wood Dundriets								
321219	Reconstituted Wood Products								
	TOTAL FUEL CONSUMPTION	96	4,926	0	*	20	*	*	58
	Indirect Uses-Boiler Fuel		107	0	*	3	*	*	
	Conventional Boiler Use		107	0	0	1	*	*	
	CHP and/or Cogeneration Process			0	*	2	*	*	
	Direct Uses-Total Process		4,254	0	*	17	*	0	
	Process Heating		396	0	*	14	*	0	
	Process Cooling and Refrigeration		36	0	0	0	0	0	
	Machine Drive		3,757	0	*	1	*	0	
	Electro-Chemical Processes		39						
	Other Process Use		27	0	0	2	*	0	
	Direct Uses-Total Nonprocess		552	0	*	*	*	0	
	Facility HVAC (g)		226	0	*	*	*	0	
	Facility Lighting		234						
	Other Facility Support		70	0	*	*	*	0	
	Onsite Transportation		6		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		17	0	*	*	*	0	
	End Use Not Reported	58	13	0	0	0	0	0	58
3219	Other Wood Products								
	TOTAL FUEL CONSUMPTION	94	8.541	*	1	12	1	0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	94	8,541 98		1 *	12	1	0	Q
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		8,541 98 98	* 0		12 4 1		0 0	Q
	Indirect Uses-Boiler Fuel		98	0	*	4	*	0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use		98 98	0	*	4 1	*	0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		98 98 	0 0 0	* *	4 1 3	*	0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		98 98 6,642	0 0 0 * 0	* * *	4 1 3 5	* * *	0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		98 98 6,642 306	0 0 0 *	* * *	4 1 3 5	* * *	0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	-	98 98 6,642 306 59	0 0 0 * 0	* * * * * *	4 1 3 5 4	* * * * * * 0	0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	-	98 98 6,642 306 59 6,119	0 0 0 * 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess	-	98 98 6,642 306 59 6,119 Q 149 1,746	0 0 0 * 0 0 * 	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		98 98 6,642 306 59 6,119 Q 149 1,746 1,041	0 0 0 * 0 0 * 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512	0 0 0 * 0 0 0 * 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133	0 0 0 * 0 0 * 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4 4 4	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34	0 0 0 * 0 0 * 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4 4 4 *	* * * 0 * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34	0 0 0 * 0 0 0 * 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4 4 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25	0 0 0 * 0 0 0 * 0 0 0	* * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4 4 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34	0 0 0 * 0 0 0 * 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4 4 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25	0 0 0 * 0 0 0 * 0 0 0 0	* * * * * * * * * * * * *	4 1 3 5 4 * Q * 4 4 4 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 * Q 	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55	0 0 0 0 * 0 0 * 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 3 5 5 4 4 ** Q Q ** 4 4 4 ** * * 0 ** 424	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55	0 0 0 0 * 0 0 * 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	4 1 3 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 3 3 5 5 4 4 * * * * * * * * * * * * * * * *	* * * 0 * * * * * 1 * 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 56,017 1,506 1,506	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 5 5 4 4 * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 48,486	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 5 5 4 4 4 4 4 4 4 2 6 2 2 4 4 0 2 2 2 1 3 9	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 48,486 2,256	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 5 5 4 4 * * * * * * * * * * * * * * * *	* * * 0 * * * 1 0 * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 48,486 2,256 1,126	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 3 5 5 4 4 4 4 4 4 4 4 4 4 262 4 40 222 139 120 *	* * * 0 * * * 1 1 * 0 * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Biolier Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 48,486 2,256 1,126 41,510	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 5 5 4 4 4 4 4 4 4 4 2 6 2 4 4 0 2 2 2 2 1 3 9 1 2 0	* * * 0 * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		98 98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 56,017 1,506 1,506 48,486 2,256 1,126 41,510 458	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 3 5 4 4 4 4 4 4 4 4 4 4 262 4 262 4 40 222 139 120 * 16	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,291
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		98 98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 56,017 1,506 1,506 48,486 2,256 1,126 41,510 458 3,136	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 3 5 5 4 4 * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		98 98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 56,017 1,506 1,506 48,486 2,256 1,126 41,510 458	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 3 5 5 4 4 * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Q Q
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 1,506 48,486 2,256 1,126 41,510 458 3,136 5,520	0 0 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 5 5 4 4 4 4 4 4 4 4 4 4 2 6 2 2 4 4 4 2 2 6 2 4 4 0 2 2 2 1 3 9 1 2 2 0 * * 1 6 6 6 6 7 1 6 6 7 1 6 7 1 6 7 1 6 7 1 6 7 1 6 7 1 6 7 1 7 1	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,291
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 48,486 2,256 1,126 41,510 458 3,136 5,520 2,458	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,291
322	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PAPER TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		98 98 98 6,642 306 59 6,119 Q 149 1,746 1,041 512 133 34 25 55 55 56,017 1,506 1,506 48,486 2,256 1,126 41,510 458 3,136 5,520 2,458 2,262	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * *	4 1 1 3 3 5 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	* * * 0 * * * 1 * 0 * 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,291

	Conventional Electricity Generation			*	*	3	*	*	
	Other Nonprocess Use		Q	*	*	*	*	0	
	End Use Not Reported	1,299	505	*	*	Q	*	*	1,291
322110	Pulp Mills								
	TOTAL FUEL CONSUMPTION	255	1,345	*	*	29	*	*	216
	Indirect Uses-Boiler Fuel		27	*	*	15	*	*	
	Conventional Boiler Use		27	0	*	0	0	0	
	CHP and/or Cogeneration Process			*	*	15	*	*	-
	Direct Uses-Total Process		1,220	*	*	14	*	0	
	Process Heating		11	*	*	14	*	0	
	Process Cooling and Refrigeration		13	0	0 *	0	0	0	
	Machine Drive Electro-Chemical Processes		1,196 0	0			0 		
	Other Process Use		0	0	0	0	0	0	
	Direct Uses-Total Nonprocess		99	0	*	*	*	0	
	Facility HVAC (g)		53	0	0	*	*	0	
	Facility Lighting		38						-
	Other Facility Support		8	0	0	*	*	0	-
	Onsite Transportation		*		*	0	*		-
	Conventional Electricity Generation			0	0	0	0	0	
	Other Nonprocess Use		0	0	0	0	0	0	
	End Use Not Reported	216	0	0	0	0	*	0	216
322121	Paper Mills, except Newsprint								
	. oper mins, except newsprint								
	TOTAL FUEL CONSUMPTION	752	17,321	1	*	156	*	4	427
	Indirect Uses-Boiler Fuel		645	1	*	87	*	4	-
	Conventional Boiler Use		645	1	*	14	0	*	-
	CHP and/or Cogeneration Process			*	*	73	*	4	
	Direct Uses-Total Process		15,530	*	*	63	*	*	
	Process Heating		701	*	*	47 *	*	*	
	Process Cooling and Refrigeration Machine Drive		275	0 *	0 *	15	0	0	
	Electro-Chemical Processes		14,428 67			13			
	Other Process Use		59	0	*	1	0	*	
	Direct Uses-Total Nonprocess		1,145	*	*	6	*	*	
	Facility HVAC (g)		360	*	*	3	*	*	
	Facility Lighting		644						
	Other Facility Support		105	0	*	*	*	0	-
	Onsite Transportation		36		*	*	*		
	Conventional Electricity Generation			*	*	3	0	*	
	Other Nonprocess Use		0	*	*	*	*	0	
	End Use Not Reported	431	0	0		0		·	427
322122	Newsprint Mills								
<u>722322</u>	Tempine timo								
	TOTAL FUEL CONSUMPTION	59	8,206	0	*	8	*	*	22
	Indirect Uses-Boiler Fuel		150	0	*	6	0	*	-
	Conventional Boiler Use		150	0	0	*	0	0	-
	CHP and/or Cogeneration Process			0	*	6	0	*	
	Direct Uses-Total Process		7,583	0	*	2	*	0	
	Process Goaling and Refrigeration		100	0	0	2	*	0	
	Process Cooling and Refrigeration Machine Drive		82 4,554	0	*	0	0 0	0	-
	Electro-Chemical Processes		329				-		
	Other Process Use		2,519	0	*	*	0	0	
	Direct Uses-Total Nonprocess		234	0	*	*	*	0	-
	Facility HVAC (g)		89	0	0	*	*	0	-
	Facility Lighting		112						-
	Other Facility Support		23	0	0	*	0	0	
	Onsite Transportation		10		*	0	*		
	Conventional Electricity Generation			0	0 *	0	0	0	
	Other Nonprocess Use		0	0		0	0	0	
	End Use Not Reported	23	239	0	0	0	0	0	22
322130	Paperboard Mills								
	TOTAL FUEL CONSUMPTION	917	16,108	1	*	183	*	2	621
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	917	16,108 388	1	*	183 136	*	2	
	Indirect Uses-Boiler Fuel Conventional Boiler Use			1 *	*	136 18	*	2	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		388 388	1 *	*	136 18 119	* 0 *	2 * 2	
	Indirect Uses-Boiler Fuel Conventional Boiler Use		388 388	1 *	*	136 18	*	2	

	Process Cooling and Refrigeration		243	0	0	0	0	0	
	Machine Drive		13,376	0	*	1	*	0	
	Electro-Chemical Processes		57		*				
	Other Process Use		284	0 *	*	2 6	*	0 *	
	Direct Uses-Total Nonprocess Facility HVAC (g)		1,285 478	*	*	5	*	0	
	Facility Lighting		619						
	Other Facility Support		155	0	0	1	*	0	
	Onsite Transportation		14		*	0	*		
	Conventional Electricity Generation		 19	* 0	*	*	0 *	*	
	Other Nonprocess Use End Use Not Reported	622	194	*	*	0	*	0	621
323	PRINTING AND RELATED SUPPORT								
	TOTAL FUEL CONSUMPTION	89	14,219	*	*	38	*	0	Q
	Indirect Uses-Boiler Fuel		118	*	*	<u>7</u>	*	0	
	Conventional Boiler Use		118	* 0	*	3	*	0	
	CHP and/or Cogeneration Process Direct Uses-Total Process		9,518	0	*	18	*	0	
	Process Heating		581	0	0	17	*	0	
	Process Cooling and Refrigeration		1,042	0	0	*	0	00	
	Machine Drive		7,535	0	*	1	*	0	
	Electro-Chemical Processes Other Process Use		159 200	 0	*	Q	*		
	Direct Uses-Total Nonprocess		4,140	0	*	12	*	0	
	Facility HVAC (g)		2,372	0	*	11	*	0	
	Facility Lighting		1,182						
	Other Facility Support		392	0	*	*	*	0	
	Onsite Transportation Conventional Electricity Generation		153	 0	*	* Q	* 0	 0	
	Other Nonprocess Use		Q	0	*	*	0	0	
	End Use Not Reported	3	Q	0	0	1	*	0	Q
324	PETROLEUM AND COAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	3,513	48,904	1	2	1,041	10	*	2,216
	Indirect Uses-Boiler Fuel		407 407	*	*	339 108	<u>1</u>	*	
	Conventional Boiler Use CHP and/or Cogeneration Process		407	*	*	231	*	*	
	Direct Uses-Total Process		44,106	1	1	592	8	*	
	Process Heating		-471	*	*	550	8	00	
	Process Cooling and Refrigeration		2,105	*	*	1	*	0	
	Machine Drive Electro-Chemical Processes		42,081 -57			12		0	
	Other Process Use		447	*	*	29	*	*	
	Direct Uses-Total Nonprocess		3,628	*	1	8	*	*	
	Facility HVAC (g)		1,772	*	*	5	*	0	
	Facility Lighting		1,272						
	Other Facility Support Onsite Transportation		507 7	0	1	*	*	0	
	Conventional Electricity Generation			0	*	3	*	0	
	Other Nonprocess Use		69	0	*	*	*	*	
	End Use Not Reported	2,324	763	*	*	101	*	0	2,216
324110	Petroleum Refineries								
	TOTAL FUEL CONCURSION	2.272	46.074	*		072	40	*	2460
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	3,372	46,871 325	*	1 *	972 323	10 1	*	2,168
	Conventional Boiler Use		325	*	*	102	1	0	
	CHP and/or Cogeneration Process			0	*	221	*	*	
	Direct Uses-Total Process		42,559	*	*	543	8	0	
	Process Heating		-803	*	*	507	8	0	
	Process Cooling and Refrigeration Machine Drive		1,958 41,064	0	0 *	* 9	*	0	
	Electro-Chemical Processes		-70						
	Other Process Use		411	0	*	27	*	0	
	Direct Uses-Total Nonprocess		3,254	0	1	6	*	0	
	Facility HVAC (g)		1,620	0	*	2	*	0	
	Facility Lighting Other Facility Support		1,115 458	 0	*	*	*	 0	
	Onsite Transportation		0		*	0	*		
	Conventional Electricity Generation			0	*	3	*	0	
	Other Nonprocess Use		62	0	*	*	0	0	
	End Use Not Reported	2,275	733	*	*	101	*	0	2,168

	TOTAL FUEL CONSUMPTION	57	933	*	1	41	*	0	
	Indirect Uses-Boiler Fuel		31	0	*	5	*	0	
	Conventional Boiler Use		31	0	*	1	*	0	
	CHP and/or Cogeneration Process			0	*	5	*	0	
	Direct Uses-Total Process		749	*	*	35	*	0	
	Process Heating		151	*	*	*	*	0	
	Process Cooling and Refrigeration		3	*	*		0	0	
	Machine Drive Electro-Chemical Processes		593			3		0 	
	Other Process Use		1	*	*	2	*	0	
	Direct Uses-Total Nonprocess		125	*	*	1	*	0	
	Facility HVAC (g)		53	*	*	1	*	0	
	Facility Lighting		47						
	Other Facility Support		21	0	*	*	*	0	
	Onsite Transportation		11	-	*	*	*		
	Conventional Electricity Generation			0	*	*	0	0	
	Other Nonprocess Use		2	0	*	*	*	0	
	End Use Not Reported	5	29	0				0	
1122	Asphalt Shingle and Coating Materials								
	TOTAL FUEL CONSUMPTION	14	730	*	*	10	*	*	
	Indirect Uses-Boiler Fuel		19	*	*	3	*	0	
	Conventional Boiler Use		19	0	*	1	*	0	
	CHP and/or Cogeneration Process			*	*	2	*	0	
	Direct Uses-Total Process		573	0	*	7	*	*	
	Process Heating Process Cooling and Refrigeration		56 32	0	0	6 *	0	0	
	Machine Drive		467	0	*	*	*	0	
	Electro-Chemical Processes		12						
	Other Process Use		7	0	*	*	*	*	
	Direct Uses-Total Nonprocess		138	0	*	1	*	0	
	Facility HVAC (g)		60	0	*	1	*	0	
	Facility Lighting		63						
	Other Facility Support		13	00	*	*	*	0	
	Onsite Transportation		2		*	*	*	-	
	Conventional Electricity Generation		0	0	*	*	0	0	
	Other Nonprocess Use End Use Not Reported	*	0	0	*	0	*	0	
4199	Other Petroleum and Coal Products								
	TOTAL FUEL CONSUMPTION	58	-316	0	*	7	*	*	
	Indirect Uses-Boiler Fuel		8	0	*	2	*	0	
	Conventional Boiler Use		8	0	*	1	0	0	
	CHP and/or Cogeneration Process			0	*	1	*	0	
	Direct Uses-Total Process		-304	00	*	5	*	*	
	Process Heating		70	0	*	5	*	0	
	Process Cooling and Refrigeration		28	0	0 *	0		0	
	Machine Drive Electro-Chemical Processes		-402 0				0 	0	
	Other Process Use		*	0	*	0	*	*	
	Direct Uses-Total Nonprocess		-20	0	*	1	*	*	
	Facility HVAC (g)		-19	0	*	1	*	0	
	Facility Lighting		-1						
	Other Facility Support		-1	0	0	*	*	0	
	Onsite Transportation		*		*	0	*		
	Conventional Electricity Generation			00	*	0	0	0	
	Other Nonprocess Use		*	0	*	*	0	*	
	End Use Not Reported CHEMICALS	44	0	0	0	0		0	
	TOTAL FUEL CONSUMPTION	3,527	134,327	*	2	1,946	1	11	
	Indirect Uses-Boiler Fuel		2,127	*	*	1,023	*	7	
	Conventional Boiler Use		2,127	*	*	324	*	1	
	CHP and/or Cogeneration Process Direct Uses-Total Process		111,418	*	*	700 855	*	6 1	
	Process Heating		5,877	*	*	688	*	1	
	Process Cooling and Refrigeration		11,545	0	*	15	*	0	
	Machine Drive		74,167	0	*	88	*	*	
	Electro-Chemical Processes		17,106						

	Direct Hose Total Names		10.660	*		EC	*	*	
	Direct Uses-Total Nonprocess Facility HVAC (g)		18,668 9,743	*	<u>1</u>	56 47	*	*	
	Facility Lighting		6,260						
	Other Facility Support		1,789	0	*	6	*	0	
	Onsite Transportation		427		1	*	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		448	0	*	2	*	0	
	End Use Not Reported	889	2,115	0	*	11	*	3	814
325110	Petrochemicals								
	TOTAL FUEL CONSUMPTION	537	5,810	0	*	300	*	0	207
	Indirect Uses-Boiler Fuel		21	0	*	85	*	0	
	Conventional Boiler Use		21	0	*	18	*	0	
	CHP and/or Cogeneration Process			0	*	66	*	0	
	Direct Uses-Total Process		5,472	0		215	*	0	
	Process Heating		280	0	0	C		0	
	Process Cooling and Refrigeration		894	0	0 *	3 W	0	0	
	Machine Drive		3,460	0				0	
	Electro-Chemical Processes		837 0	0	*	c	*	0	
	Other Process Use			0	*		*	0	
	Direct Uses-Total Nonprocess Facility HVAC (g)		317 161	0	*	1	*	0	
	Facility HVAC (g) Facility Lighting		121						
	Other Facility Support		34	0	*	*	0	0	
	Onsite Transportation		1		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		*	0	*	1	0	0	
	End Use Not Reported	207	0	0	*	0	*	0	207
325120	Industrial Gases								
	TOTAL FUEL CONSUMPTION	109	19,971	0	*	37	*	0	3
	Indirect Uses-Boiler Fuel		26	0	*	5	*	0	
	Conventional Boiler Use		26	0	*	3	0 *	0	
	CHP and/or Cogeneration Process			0	*	2		0	
	Direct Uses-Total Process		19,299	0	*	16	0	0	
	Process Heating		244	0	*	7 *	0	0	
	Process Cooling and Refrigeration		432	0	*		0	0	
	Machine Drive		18,617	00		5	0	0	
	Electro-Chemical Processes		6 0	 0	 0	 4	0	 0	
	Other Process Use		642	0	*	15	*	0	
	Direct Uses-Total Nonprocess Facility HVAC (g)		426	0	*	15	*	0	
	Facility Lighting		144						
	Other Facility Support		44	0	*	*	*	0	
	Onsite Transportation		Q		*	*	*		
	Conventional Electricity Generation			0	0	0	0	0	
	Other Nonprocess Use		Q	0	*	0	0	0	
	End Use Not Reported	3	4	0	0	0	*	0	3
325180	Other Basic Inorganic Chemicals								
	TOTAL FUEL CONSUMPTION	250	22 242		*	147	*		
		358	23,213	00	*	147	*	2	74
	Indirect Uses-Boiler Fuel		705	0	*	50	*	*	
	Conventional Boiler Use		705		*	15	*		
	CHP and/or Cogeneration Process			0	*	35	*	*	
	Direct Uses-Total Process		20,491	0	*	94 47	*	*	
	Process Heating Process Cooling and Refrigeration		1,045 896	0	*	*	0	0	
	Machine Drive		5,142	0	*	45	*	0	
	Electro-Chemical Processes		11,866						
	Other Process Use		1,542	0	*	1	*	0	
	Direct Uses-Total Nonprocess		1,719	0	*	3	*	0	
	Facility HVAC (g)		714	0	*	2	*	0	
	Facility Lighting		631						
	Other Facility Support		222	0	*	*	*	0	
	Onsite Transportation		31		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		121	0	*	0	*	0	
	End Use Not Reported	76	Q	0	0	Q	*	0	74
325193	Ethyl Alcohol								
	TOTAL FUEL CONSUMPTION	491	11,306	0	*	353	*	4	8
	. C.ALI GLE CONSUMIT HOM	471	11,300						°

	Indirect Uses-Boiler Fuel		372	0	0	212	0	2	
	Conventional Boiler Use		372	0	0	117	0	*	
	CHP and/or Cogeneration Process			0	0	94	0	1	
	Direct Uses-Total Process		9,751	0	*	134	*	*	
	Process Heating		463	0	0	117	0	*	
	Process Cooling and Refrigeration Machine Drive		1,261	0	0 *	<u>1</u>	0	0	
	Electro-Chemical Processes		7,727						
	Other Process Use		161	0	0	15	0	0	
	Direct Uses-Total Nonprocess		776	0	*	4	*	0	
	Facility HVAC (g)		353	0	0	3	*	0	
	Facility Lighting		300						
	Other Facility Support		112	0	*	1	*	0	
	Onsite Transportation		11		*	*	*		
	Conventional Electricity Generation			00	*	0	0	0	
	Other Nonprocess Use		0	0	*	*	0	0	
	End Use Not Reported	55	406	00	-	Q	-	22	8
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemic	cals							
	TOTAL FUEL CONSUMPTION	41	2,998	0	*	23	*	0	7
	Indirect Uses-Boiler Fuel		18	0	*	14	0	0	
	Conventional Boiler Use		18	00	*	6	0	0	
	CHP and/or Cogeneration Process			0	0	9	0	0	
	Direct Uses-Total Process		2,438	0	*	9	*	0	
	Process Cooling and Refrigeration		245 662	0	0 *	8 0		0	
	Process Cooling and Refrigeration Machine Drive		1,434	0	*	0	0	0	
	Electro-Chemical Processes		97						
	Other Process Use		*	0	*	*	*	0	
	Direct Uses-Total Nonprocess		538	0	*	*	*	0	
	Facility HVAC (g)		265	0	*	*	*	0	
	Facility Lighting		150						
	Other Facility Support		121	0	0	*	*	0	
	Onsite Transportation		3		*	0	*		
	Conventional Electricity Generation			0	*	0 *	0	0	
	Other Nonprocess Use		0	0	0		0	0	
	End Use Not Reported	7	5	00	0	0	0	0	7
325199	Other Basic Organic Chemicals								
325199	Other Basic Organic Chemicals								
325199	Other Basic Organic Chemicals								
325199	TOTAL FUEL CONSUMPTION	791	16,805	*	*	353	*	3	307
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		207	*	*	223	*	2	307
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		207 207	*	*	223 82	*	2 *	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		207 207 	* * 0	*	223 82 141	*	2 * 2	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		207 207 14,179	* * 0 0	*	223 82 141 124	* *	2 * 2 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		207 207 14,179 521	* * 0 0 0	* * *	223 82 141 124 85	*	2 * 2 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		207 207 14,179 521 2,156	* * 0 0	*	223 82 141 124 85 4	* * * *	2 * 2 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		207 207 14,179 521	* * 0 0 0 0	* * * * * * 0	223 82 141 124 85	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		207 207 14,179 521 2,156 10,489	* * 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		207 207 14,179 521 2,156 10,489 958	* * 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15		2 * 2 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		207 207 14,179 521 2,156 10,489 958 56 2,232	* * 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		207 207 14,179 521 2,156 10,489 958 56 2,232 956 954	* * 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133	* * 0	* * * 0	223 82 141 124 85 4 15 20 6 4	*	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133 91	*	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133 91	*	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		207 207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133 91 99	* * 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133 91	*	* * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 1 *	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	
325199	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		207 207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133 91 99	* * 0	* * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 1 *	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		207 207 207 14,179 521 2,156 10,489 958 56 2,232 956 954 133 91 99	* * 0	* * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 1 *	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins		207 207 207 207 207 207 207 207 208 208 2156 20,489 958 56 20,232 956 954 133 91 99 187	* * 0 0 00 0 00	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * Q	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins		207 207 207 207 207 207 207 207 207 207	* * 0 0 0 0 0 0 0 0 0 0 0 0		223 82 141 124 85 4 15 20 6 4 1 * * Q *	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		207 207 207 207 207 207 207 207 207 207	* * 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 1 * Q *	* * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		207 207 207 207 207 207 207 207 207 207	* * 0 0 0 0 0 0 0 0 0 0 0 0		223 82 141 124 85 4 15 20 6 4 1 1 * * Q * 365 275 25	* * * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		207 207 207 207 207 207 207 207 207 207	* * 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250	* * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		207 207 207 207 207 207 207 207 207 207	* * 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84	* * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		207 207 207 207 207 207 207 207 207 207	*	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		207 207 207 207 207 207 207 207 207 207	* * * * 0 * * * *	* * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84 70	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		207 207 207 207 207 207 207 207 207 207	* * * 0 0 00 00	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84 70 6	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		207 207 207 207 207 207 207 207 207 207	*	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84 70 6 4 5	* * * * * * * * * * * * * * * * * * *	2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		207 207 207 207 207 207 207 207 207 207	* *	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84 70 6 4 5 6		2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		207 207 207 207 207 207 207 207 207 207	* *	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84 70 6 4 5 6 4		2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Plastics Materials and Resins TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		207 207 207 207 207 207 207 207 207 207	* *	* * * * * * * * * * * * * * * * * * * *	223 82 141 124 85 4 15 20 6 4 1 * * Q * 365 275 25 250 84 70 6 4 5 6		2 * 2 0 0 0 0 0 0 0 0 0 0 0 0 0	307

	a :: =		20		*	*	*		
	Onsite Transportation		29		*	*			
	Conventional Electricity Generation			0 0	*	*	0 *	0	
	Other Nonprocess Use End Use Not Reported	104	50 283	0	0	*	*	0	103
	End Ose Not Reported	104	203						103
325212	Synthetic Rubber								
JEJETE	Synthetic response								
	TOTAL FUEL CONSUMPTION	33	1,127	0	*	18	*	*	10
	Indirect Uses-Boiler Fuel		7	0	*	17	*	*	
	Conventional Boiler Use		7	0	*	8	0	0	
	CHP and/or Cogeneration Process			0	*	9	*	*	
	Direct Uses-Total Process		991	0	*	1	*	0	
	Process Heating		96	0	*	1	0	0	
	Process Cooling and Refrigeration		241	0	0	*	0	0	
	Machine Drive		654	0	*	*	*	0	-
	Electro-Chemical Processes		0						-
	Other Process Use		0	0	*	*	0	0	-
	Direct Uses-Total Nonprocess		153	0	*	*	*	0	-
	Facility HVAC (g)		90	0	0	*	*	0	-
	Facility Lighting		36						-
	Other Facility Support		22	0	0	*	0	0	-
	Onsite Transportation		2		*	0	*		-
	Conventional Electricity Generation			0	*	0	0	0	-
	Other Nonprocess Use		4	0	*	*	*	0	-
	End Use Not Reported	10	-24	0	*	0	*	0	10
325220	Artificial and Synthetic Fibers and Filaments								
	TOTAL FUEL CONSUMPTION	35	3,217	*	*	13	*	*	
	Indirect Uses-Boiler Fuel		25	*	*	9	*	*	-
	Conventional Boiler Use		25	*	*	4	*	*	
	CHP and/or Cogeneration Process			0	*	5	0	*	
	Direct Uses-Total Process		2,651	*	*	4	*	*	
	Process Heating		388	*	*	3	*	*	
	Process Cooling and Refrigeration		432	00	0	11	0	0	
	Machine Drive		1,640	00	*	*	*	0	
	Electro-Chemical Processes		*						
	Other Process Use		189	00	0	*	*	0	
	Direct Uses-Total Nonprocess		541	00	*	*	*	0	
	Facility HVAC (g)		283	0	0	*	*	0	
	Facility Lighting		189						
	Other Facility Support		49	0	*	*	0	0	
	Onsite Transportation		15		*	*	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use	*	4	0		0 *		0	
	End Use Not Reported	*	0	0	0			0	
225244	NIA								
325311	Nitrogenous Fertilizers								
	TOTAL FUEL CONSUMPTION	182	3,832	*	*	154	*	0	10
	Indirect Uses-Boiler Fuel		33	*	0	35	*	0	
	Conventional Boiler Use		33	0	0	12	0	0	
	CHP and/or Cogeneration Process			*	0	23	*	0	
	Direct Uses-Total Process		3,001	0	*	111	*	0	
	Process Heating		217	0	*	100	*	0	
	Process Cooling and Refrigeration		200	0	*	*	0	0	
	Machine Drive		2,469	0	*	3	0	0	
	Electro-Chemical Processes		67						
	Other Process Use		48	 0	*	8	0	0	
	Direct Uses-Total Nonprocess		513	0	*	*	*	0	
	Facility HVAC (g)		219	0	0	*	*	0	
	Facility Lighting		192						
	Other Facility Support		65	0	0	*	0	0	
	Onsite Transportation		24		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		12	0	*	0	0	0	
	End Use Not Reported	19	286	0	0	7	*	0	10
	• • • • • • • • • • • • • • • • • • • •								
325312	Phosphatic Fertilizers								
	TOTAL FUEL CONSUMPTION	36	1,998	*	*	24	*	*	,
	Indirect Uses-Boiler Fuel		2	*	*	3	*	*	-
	Conventional Boiler Use		2	0	0	1	0	0	-
	CHP and/or Cogeneration Process			*	*	2	*	*	-
	Direct Uses-Total Process		1,858	0	*	21	*	0	

	Process Heating		13	0	0	21	*	0	
	Process Cooling and Refrigeration		3	0	0	*	0	0	
	Machine Drive		1,842	0	*	0	0	0	
	Electro-Chemical Processes		0						
	Other Process Use		0	0	*	*	*	0	
	Direct Uses-Total Nonprocess		123	0	*	*	*	0	
	Facility HVAC (g)		57	0	0	*	*	0	
	Facility Lighting		58						
	Other Facility Support		8	00	0	*	0	0	
	Onsite Transportation		*		*	0	*		
	Conventional Electricity Generation			00	0	0	0	00	
	Other Nonprocess Use		*	0	*	0	0	0	
	End Use Not Reported	*	16	0	0	*	0	0	*
2254	Dhamasan Mala and Maddida								
3254	Pharmaceuticals and Medicines								
	TOTAL FUEL CONSUMPTION	94	10,671	0	*	49	*	*	4
	Indirect Uses-Boiler Fuel		211	0	*	35	*	*	
	Conventional Boiler Use		211	0	*	17	*	*	
	CHP and/or Cogeneration Process			0	*	19	*	*	
	Direct Uses-Total Process		5,172	0	*	5	*	0	
	Process Heating		304	0	*	4	*	0	
	Process Cooling and Refrigeration		1,744	0	*	*	0	0	
	Machine Drive		2,881	0	*	*	*	0	
	Electro-Chemical Processes		12						
	Other Process Use		231	0	*	11	*	00	
	Direct Uses-Total Nonprocess		5,196	00	*	8	*	*	
	Facility HVAC (g)		3,421	0	*	7	*	*	
	Facility Lighting		1,333		*				
	Other Facility Support		358	0	*	1 *	*	0	
	Onsite Transportation		67		*	*	*	0	
	Conventional Electricity Generation Other Nonprocess Use		17	0	*	*	*	0	
	End Use Not Reported	4	92	0	*	*	0	0	4
	Lita oscillot reported								
325412	Pharmaceutical Preparation								
	TOTAL FUEL CONSUMPTION	47	5,617	0	*	21	*	*	3
	Indirect Uses-Boiler Fuel		121	0	*	13	*	*	
	Conventional Boiler Use		121	00	*	8	*	*	
	CHP and/or Cogeneration Process			00	*	5	*	*	
	Direct Uses-Total Process		2,786	00	*	3	*	0	
	Process Heating		212	0	*	2	*	0	-
	Process Cooling and Refrigeration		827	0	*	*	0	0	
	Machine Drive		1,603	0				0	
	Electro-Chemical Processes		6		*		*	 0	
	Other Process Use Direct Uses-Total Nonprocess		2,619	0	*	<u>1</u>	*	*	
	Facility HVAC (g)		1,716	0	*	4	*	*	
	Facility Lighting		623						
	Other Facility Support		227	0	*	*	*	0	
	Onsite Transportation		48		*	*	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		5	0	*	*	*	0	
	End Use Not Reported	3				*	0		3
		3	92	0	0		0	0	
			92	0	0			0	
325992	Photographic Film, Paper, Plate, and Chemicals		92	0	0			0	
325992	Photographic Film, Paper, Plate, and Chemicals		92	0	0			0	
325992									
325992	TOTAL FUEL CONSUMPTION	9	993	*	*	4	*	0	2
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	9	993 16	*	*	4 2	*	0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	9	993 16 16	* * 0	*	4 2 1	* * 0	0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process	9	993 16 16	* * * 0	*	4 2 1	* * 0	0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	9	993 16 16 615	* * 0 *	* * 0 *	4 2 1 1	* * 0	0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating	9	993 16 16 615 48	* * 0 * 0 0 0	* * 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 2 1 1 1 1	* * 0 * * *	0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	9	993 16 16 615 48 149	* 0 * 0 0 0 0 0	* * 0 *	4 2 1 1	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating	9	993 16 16 615 48	* * 0 * 0 0 0	* * * * * * * * * * * * * * * * * * *	4 2 1 1 1 1 1	* * * * * * * * *	0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive	9	993 16 16 615 48 149 339	* 0 0 * 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	4 2 1 1 1 1 1 0	* * * * * * * * * * *	0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes	9 	993 16 16 615 48 149 339 45	* * 0 * 0 0 0 0 0 0	* * 0 * 0 0 * 0 0 *	4 2 1 1 1 1 0 *	* * * * * * * * * *	0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	9	993 16 16 615 48 149 339 45	* * 0 * 0 0 0 0 0 0 0 0 0 0 0 0	* * 0 * 0 * 0 0 * * 0 0 0 0 0 0 0 0 0 0	4 2 1 1 1 1 0 *	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess	9 	993 16 16 16 615 48 149 339 45 34	* * * * * * * * * * * * * * * * * * *	* * 0 * * 0 0 0 0 * * 0 * *	4 2 1 1 1 1 0 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support	9 	993 16 16 16 615 48 149 339 45 34 361 186 109 40	* * * * * * * * * * * * * * * * * * *	* * 0 * * 0 0 0 * * 0 0 * * *	4 2 1 1 1 1 0 *	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation	9 	993 16 16 16 615 48 149 339 45 34 361 186 109 40 8	* * 0 0 00 00	* * 0 * 0 0 * * 0 0 * * 0 * * * * *	4 2 1 1 1 1 0 * 	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation	9 	993 16 16 16 615 48 149 339 45 34 361 186 109 40 8	* * 0 * 0 0 00 00	* * 0 * 0 0 * * 0 * * * * * * * *	4 2 1 1 1 0 * * * *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0	
325992	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation	9 	993 16 16 16 615 48 149 339 45 34 361 186 109 40 8	* * 0 0 00 00	* * 0 * 0 0 * * 0 0 * * 0 * * * * *	4 2 1 1 1 1 0 * 	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0	

NATISE AND DIMERT PRODUCT TOTAL PURE CONSIDERATION PART NATISE AND DIMERT PRODUCT Indirect Use Solder Fred		DIACTICS AND DURDED DRODUCTS								
Market Due Seller Fed	26	PLASTICS AND RUBBER PRODUCTS								
Implicate Clases Ander Parall Commonstration for the transport of the Commonstration for the transport of the Commonstration for the		TOTAL FUEL CONSUMPTION	204	FF 621	0		07	1	*	
Comment on force true - 201 0 1 20 2 1										
City and for Cooperation Process										
Direct User-Yotal Process										
Process Facility										
Process Cooling and Perforgansian		Direct Uses-Total Process		42,463	0				0	
Machine Drive 1		Process Heating		8,538	0	*		*	0	
Detail Chemical Processes		Process Cooling and Refrigeration		4,308	0	0	*	0	0	
Other Process Use		Machine Drive		28,698	0	*	1	*	0	
Description from a floorprocess		Electro-Chemical Processes		Q						
Process - 1,424		Other Process Use		Q	0	0	*	*	0	
Facility InVARCO							21	1	*	
Facility lighting									*	
Onter facility Support										
Online Transportation										
Conventional Recircity Generation										
Comment Comm										
Non-Non-Trail Considerable										
NOMENTALIC (MINERAL PRODUCTS										
TOTAL FUEL CONSUMPTION		End Use Not Reported	7	Q	0	*	Q	*	0	
Indirect Uses Bollet Fuel		NONMETALLIC MINERAL PRODUCTS								
Indirect Uses Bollet Fuel										
Indirect User-Boller Fale - 319		TOTAL FUEL CONSUMPTION	827	37,498	*	3	324	1	11	
Conventional ballet Use		Indirect Uses-Boiler Fuel			*	*	13	*	*	
Circle marker Cognementation Process					0	*		*	0	
Direct Uses-Total Process - 30,033 * 1 270 * 11 10 10 10 10 10 10						*		*	*	
Process Cooling and Refrigeration					*	1		*	11	
Process fooling and Refrigeration										
Machine Drive Bacter Chemical Processes										
Electro-Chemical Processes										
Other Process Use								*	*	
Direct Uses-Total Nonprocess										
Pacility HYAC [g]		Other Process Use		774		*	3		0	
Facility Lighting		Direct Uses-Total Nonprocess		4,814		2	20			
Other Facility Support - 543 0 * 1 * 0 Onsite Transportation - 135 - 1 * * 0 Conventional Electricity Generation - - 57 0 * * 0 0 * * 0 0 * * 0 0 * * 0 0 * * * 0 0 * * * 0 0 * <td></td> <td>Facility HVAC (g)</td> <td></td> <td>2,313</td> <td>*</td> <td>*</td> <td>18</td> <td>*</td> <td>*</td> <td></td>		Facility HVAC (g)		2,313	*	*	18	*	*	
Onsite Transportation		Facility Lighting	-	1,766						
Onsite Transportation		Other Facility Support		543	0	*	1	*	0	
Conventional Electricity Generation -						1		*		
Chere Nonprocess Use							*	*		
Find Use NoR Reported 136										
TOTAL FUEL CONSUMPTION										
TOTAL FUEL CONSUMPTION										
Indirect Uses-Boiler Fuel	7120	Clay Building Material and Refractories								
Indirect Uses-Folier Fuel		TOTAL FUEL CONSUMPTION	43	1,502	*	*	34	*	*	
Conventional Boiler Use					0	0		0	0	
CHP and/or Cogeneration Process										
Direct Uses-Total Process - 1,237				u						
Process Heating - 329 * 31 * 31 * * * Process Heating - 329 * 31 * 31 * * * * Process Cooling and Refrigeration - 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				1 227						
Process Cooling and Refrigeration										
Machine Drive										
Electro-Chemical Processes										
Other Process Use - 37 0 * * * * 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0										
Direct Uses-Total Nonprocess -										
Facility HVAC (g) - 95 0 * 1 * 0 Facility Lighting - 125		Other Process Use								
Facility Lighting - 125		Direct Uses-Total Nonprocess		257	00	*	2	*	0	_
Facility Lighting		Facility HVAC (g)		95	0	*	1	*	0	
Other Facility Support 32 0 0 * * 0 Onsite Transportation 5 * * * Conventional Electricity Generation 0 * * * 0 Other Nonprocess Use * 0 * * 0 0 End Use Not Reported 2 3 0 * 1 * * 11 Flat Glass TOTAL FUEL CONSUMPTION 62 1,657 0 * 45 * 0 Indirect Uses-Boiler Fuel 28 0 0 * 0 0 Conventional Boiler Use 28 0 0 * 0 0 CHP and/or Cogeneration Process 1,377 0 * 42 * 0 Process Heating 662 0 0 0 38 * 0										
Onsite Transportation 5 * *					0	0	*	*	0	
Conventional Electricity Generation 0 * * * * 0 0 0 0 0 0 0 0 0 0 0 0							*	*		
Cother Nonprocess Use * 0 * * * 0 0 0 0 0 0 0 0 0 0 0 0 0										
Find Use Not Reported 2 3 0 * 1 1 * * *										
TOTAL FUEL CONSUMPTION 62 1,657 0 * 45 * 0 Indirect Uses-Boiler Fuel 28 0 0 * 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
TOTAL FUEL CONSUMPTION 62 1,657 0 * 45 * 0 Indirect Uses-Boiler Fuel 28 0 0 * 0 0 Conventional Boiler Use 28 0 0 * 0 0 CHP and/or Cogeneration Process 0 0 0 0 0 Direct Uses-Total Process 1,377 0 * 42 * 0 Process Heating 662 0 0 38 * 0		Lina Ose Not Reported	<u>Z</u>	5	U	·	т		·	
Indirect Uses-Boiler Fuel	11	Flat Glass								
Indirect Uses-Boiler Fuel										
Indirect Uses-Boiler Fuel - 28 0 0 * 0 0 Conventional Boiler Use - 28 0 0 * 0 0 CHP and/or Cogeneration Process - - - 0 0 0 0 0 0 Direct Uses-Total Process - 1,377 0 * 42 * 0 Process Heating - 662 0 0 38 * 0		TOTAL FUEL CONSUMPTION	62	1,657	0	*	45	*	0	
Conventional Boiler Use - 28 0 0 * 0 0 CHP and/or Cogeneration Process - - - 0 0 0 0 0 0 Direct Uses-Total Process - 1,377 0 * 42 * 0 Process Heating - 662 0 0 38 * 0		Indirect Uses-Boiler Fuel			0	0		0	0	
CHP and/or Cogeneration Process - - - 0 0 0 0 0 0 Direct Uses-Total Process - 1,377 0 * 42 * 0 Process Heating - 662 0 0 38 * 0							*			
Direct Uses-Total Process - 1,377 0 * 42 * 0 Process Heating - 662 0 0 38 * 0							0			
Process Heating 662 0 0 38 * 0										
110003110001119										
Process Cooling and Kerrigeration - 102 0 0 2 0 0										
Machine Drive 542 0 * 2 0 0 Electro-Chemical Processes 12										

	Other Process Use		61	0	*	1	*	0	
	Direct Uses-Total Nonprocess		189	0	*	1	*	0	
	Facility HVAC (g)		79	0	*	1	*	0	
	Facility Lighting		74						
	Other Facility Support		21	0	0	*	*	0	
	Onsite Transportation		16		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		0	0	*	0	0	0	
	End Use Not Reported	12	63	0	*	2	*	0	9
	-								
327212	Other Pressed and Blown Glass and Glassware								
	TOTAL FUEL CONSUMPTION	32	2,237	0	*	24	*	0	*
	Indirect Uses-Boiler Fuel		101	0	*	3	0	0	
	Conventional Boiler Use		101	00	*	*	0	00	
	CHP and/or Cogeneration Process			00	*	2	0	0	
	Direct Uses-Total Process		1,789	00	*	20	*	0	
	Process Heating		939	00	*	18	*	0	
	Process Cooling and Refrigeration		215	0	0	*	0	0	
	Machine Drive		614	00	*	1	*	0	
	Electro-Chemical Processes		2						
	Other Process Use		20	0	*	1	*	0	
	Direct Uses-Total Nonprocess		347	0	*	1	*	0	
	Facility HVAC (g)		180	0	0	1		0	
	Facility Lighting		119			*			
	Other Facility Support		35	0	0			0	
	Onsite Transportation		13	 0	*	*	0	 0	
	Conventional Electricity Generation		0	0	*	0	*	0	
	Other Nonprocess Use	*	0	0	0	0	*	0	*
	End Use Not Reported								
327213	Glass Containers								
JE/E13	Old State of Containers								
	TOTAL FUEL CONSUMPTION	58	3,544	0	*	45	*	0	*
	Indirect Uses-Boiler Fuel		1	0	0	*	*	0	
	Conventional Boiler Use		1	0	0	*	0	0	
	CHP and/or Cogeneration Process			0	0	*	*	0	
	Direct Uses-Total Process		3,137	0	*	42	*	0	
	Process Heating		1,307	0	*	41	*	0	
	Process Cooling and Refrigeration		86	0	0	*	0	0	
	Machine Drive		1,730	0	*	1	*	0	
	Electro-Chemical Processes		0						
	Other Process Use		15	0	*	0	0	0	
	Direct Uses-Total Nonprocess	<u></u>	406	00	*	2	*	00	
	Facility HVAC (g)		186	0	*	2	*	0	
	Facility Lighting		171						
	Other Facility Support	<u></u>	48	0	0	*	*	0	
	Onsite Transportation	<u></u>	2		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		0	00	*	0	0	0	
	End Use Not Reported	*	0	00	00	0	*	00	*
327215	Glass Products from Purchased Glass								
	TOTAL FUEL CONCUMENTION	22	2.247	*	*		*	*	*
	TOTAL FUEL CONSUMPTION	23	3,347	*	*	11	*		
	Indirect Uses-Boiler Fuel Conventional Boiler Use		47		0	*	*	0	
			47	0 *	*		*		
	CHP and/or Cogeneration Process Direct Uses-Total Process		2,501	0	*	<u>1</u> 8	*	0	
	Process Heating		1,281	0	0	°	*	0	
	Process Cooling and Refrigeration		145	0	0	*	0	0	
	Machine Drive		992	0	*	*	*	0	
	Electro-Chemical Processes		3						
	Other Process Use		80	0	*	*	*	0	
	Direct Uses-Total Nonprocess		595	0	*	2	*	*	
	Facility HVAC (g)		281	0	0	2	*	*	
	Facility Lighting		208						
	Other Facility Support		81	0	0	*	*	0	
	Onsite Transportation		19		*	*	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		6	0	*	*	*	0	
	End Use Not Reported	1	204	0	*	*	*	0	*
327310	Cements								

	TOTAL FUEL CONSUMPTION	297	11,008	*	1	20	*	7	77
	Indirect Uses-Boiler Fuel		6	0	0	*	0	*	
	Conventional Boiler Use		6	0	0	0	0	0	
	CHP and/or Cogeneration Process			0	0	*	0	*	
	Direct Uses-Total Process		10,351	*	*	20	*	7	
	Process Heating		1,942	*	*	19	*	77	
	Process Cooling and Refrigeration		525	00	0	*	*	00	
	Machine Drive		7,701	00	*	*	*	*	
	Electro-Chemical Processes		*		*		*		
	Other Process Use		184	0	*	0	*	0	
	Direct Uses-Total Nonprocess Facility HVAC (g)		545 278	0	*	*	*	0	
	Facility Lighting		165						
	Other Facility Support		48	0	0	*	*	0	
	Onsite Transportation		25		*	0	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		28	0	*	0	*	0	
	End Use Not Reported	77	105	0	*	*	*	0	77
327410	Lime								
	TOTAL FUEL CONSUMPTION	105	1,461	0	*	6	*	3	19
	Indirect Uses-Boiler Fuel		6	0	0	0	0	0	
	Conventional Boiler Use		6	0	0	0	0	0	
	CHP and/or Cogeneration Process			0	0	0	0	0	
	Direct Uses-Total Process		1,332	0	*	6	*	3	
	Process Heating		266	0	*	6	*	3	
	Process Cooling and Refrigeration		2	0	0	0	0	0	
	Machine Drive		1,041	0	*	0	*	0	
	Electro-Chemical Processes		0						
	Other Process Use		23	0	*	0 *	*	0	
	Direct Uses-Total Nonprocess		122 62	0	0	*	*	0	
	Facility HVAC (g) Facility Lighting		51						
	Other Facility Support		9	0	0	*	0	0	
	Onsite Transportation		1		*	0	*		
	Conventional Electricity Generation			0	0	0	0	0	
	Other Nonprocess Use		0	0	0	0	0	0	
	End Use Not Reported	19	1	0	*	0	*	0	19
327420	Gypsum								
	TOTAL FUEL CONSUMPTION	53	1,368	0	*	46	*	0	*
	Indirect Uses-Boiler Fuel		2	0	*	1	0		
	Conventional Boiler Use		2					00	
			2	0	*	*	0	0	
	CHP and/or Cogeneration Process		2	0	0	*	0	0	
	CHP and/or Cogeneration Process Direct Uses-Total Process		2 1,126	0 0 0	0 *	* 44	0	0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		2 1,126 102	0 0 0 0	0 *	* 44 42	0 0 0	0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		2 1,126 102 24	0 0 0 0	0 *	* 44 42 0	0 0 0	0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		2 1,126 102	0 0 0 0	0 * *	* 44 42	0 0 0	0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		2 1,126 102 24 1,000	0 0 0 0 0	0 * * 0 *	* 44 42 0 2	0 0 0 0	0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		2 1,126 102 24 1,000	0 0 0 0 0 0	0 *	* 44 42 0 2	0 0 0 0 0	0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		2 1,126 102 24 1,000 0	0 0 0 0 0 0	0 * * 0 * * *	* 44 42 0 2 0	0 0 0 0 0 0	0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		2 1,126 102 24 1,000 0 0 239 76	0 0 0 0 0 0 0 0 0	0 * * 0 * * 0 * * * * * * * * * * * * *	* 44 42 0 2 0 2 1	0 0 0 0 0 0 0 *	0 0 0 0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		2 1,126 102 24 1,000 0 239 76 106	0 0 0 0 0 0 0 0 0 0 0	0 * * 0 * 0 * * * * * * * * * * * * * *	* 44 42 0 2 0 2 1 *	0 0 0 0 0 0 0 *	0 0 0 0 0 0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HyAC (g) Focility Support Onsite Transportation		2 	0 0 0 0 0 0 0 0 0 0	0 * * * 0 * * * * * * * * * * * * * * *	* 44 42 0 2 0 2 1 * 0	0 0 0 0 0 0 0 *	0 0 0 0 0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		2 	0 0 0 0 0 0 0 0 0 0	0 * * * * * * * * 0	* 44 42 0 2 0 2 1 * 0 2 1 *	0 0 0 0 0 0 0 * *	0 0 0 0 0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		2 	0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * * * * 0 0 0	* 44 42 0 2 0 2 1 * 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		2 	0 0 0 0 0 0 0 0 0 0	0 * * * * * * * * 0	* 44 42 0 2 0 2 1 * 0 2 1 *	0 0 0 0 0 0 0 * *	0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		2 	0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * * * * 0 0 0	* 44 42 0 2 0 2 1 * 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		2 	0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * * * * 0 0 0	* 44 42 0 2 0 2 1 * 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool		2 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 10 10 10 10 10 10 10 10 10 10	* 44 42 0 2 0 2 1 * 0 0 2 0 0 0 0 0 0	0 0 0 0 0 0 0 * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool		2 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * * * * 0 0 0	* 44 42 0 2 0 2 1 * 0 2 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		2 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * * 0 0 0 0 0	* 44 42 0 2 0 2 1 0 0 2 1 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 * * * * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool		2 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * 0 0 0 0 0 0	* 44 42 0 2 0 2 1 * 0 0 2 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0 0 0 * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		2 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * * 0 0 0 0 0 0 0	* 44 42 0 2 0 2 1 * 0 0 2 1 * 0 2 2 1 * 0 0 * *	0 0 0 0 0 0 0 0 * * * * 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		2 1,126 102 24 1,000 0 0 239 76 106 53 4 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 44 42 0 2 0 2 1 * 0 0 2 1 * 2 1 * 0 2 1 * 0 0 2 1 * 0 0 0 * * 0 0 0 0	0 0 0 0 0 0 0 * * * * 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 * 0 * 0 * * * * 0 0 0 0 0 0 0 0 0 0	* 44 42 0 2 0 2 1 0 2 1 * 0 2 1 * 1 1 * 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 * * * * 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Biolier Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	* 44 42 0 2 0 2 1 1 0 0 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 * * * * * 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processs		2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	* 44 42 0 2 0 2 1 0 2 1 * 0 0 2 11 * 11 11 11 11 11 11 11 11 11 11 11 11 1	0 0 0 0 0 0 0 0 0 * * * * 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		2 1,126 102 24 1,000 0 0 0 239 76 106 53 4 0 0 3,207 54 54 2,686 1,338 96 1,077 * 174	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	* 44 42 0 2 0 2 1 * 0 0 2 1 * 1 1	0 0 0 0 0 0 0 0 * * * * 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	* 44 42 0 2 0 2 1 * 0 0 2 1 * 0 0 2 1 * 1 1 2	0 0 0 0 0 0 0 0 0 0 * * * * * 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1
327993	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Mineral Wool TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		2 1,126 102 24 1,000 0 0 0 239 76 106 53 4 0 0 3,207 54 54 2,686 1,338 96 1,077 * 174	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	* 44 42 0 2 0 2 1 * 0 0 2 1 * 1 1	0 0 0 0 0 0 0 0 * * * * 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1

	Other Facility Support		30	0	*	*	*	0	
	Onsite Transportation		2		*	*	*		
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use		12	0	*	*	*	0	
	End Use Not Reported	2	118	0	0	*	*	0	1
331	PRIMARY METALS								
	TOTAL FUEL CONSUMPTION	1,684	127,040	*	1	625	1	1	580
	Indirect Uses-Boiler Fuel		441	*	*	83	*	0	
	Conventional Boiler Use		441	*	*	22	*	0	
	CHP and/or Cogeneration Process			*	*	61	*	0	
	Direct Uses-Total Process		113,669	*	*	490	*	1	
	Process Heating		46,860	*	*	439	*	*	
	Process Cooling and Refrigeration		1,896	00	*	5	*	0	-
	Machine Drive		33,767	*	*	11	*	0	
	Electro-Chemical Processes		29,145				*		
	Other Process Use		2,001	0	*	35	*	*	
	Direct Uses-Total Nonprocess		10,331	*	1	46	*	0	
	Facility HVAC (g)		4,396			38		0	
	Facility Lighting Other Facility Support		4,165 1,239	0	*	6	*	0	
	Onsite Transportation		194		1	1	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		335	0	*	1	*	0	
	End Use Not Reported	595	2,599	*	*	6	*	0	580
331110	Iron and Steel Mills and Ferroalloys								
	TOTAL FUEL CONSUMPTION	1,172	59,867	*	1	390	*	1	544
	Indirect Uses-Boiler Fuel		240	*	0	44		0	-
	Conventional Boiler Use		240	*	0	14	0 *	0	
	CHP and/or Cogeneration Process			0	0 *	30 324	*	0	
	Direct Uses-Total Process Process Heating		53,250 31,762	0	*	283	*	*	
	Process Cooling and Refrigeration		940	0	0	5	*	0	
	Machine Drive		18,320	0	*	3	*	0	
	Electro-Chemical Processes		1,416						
	Other Process Use		812	0	*	33	*	*	
	Direct Uses-Total Nonprocess		4,040	0	1	18	*	0	
	Facility HVAC (g)		1,342	0	*	14	*	0	
	Facility Lighting		1,847						
	Other Facility Support		642	0	0	4	*	0	
	Onsite Transportation		117		1	*	*		
	Conventional Electricity Generation			0	*	0	*	0	
	Other Nonprocess Use		92	00	*	11	*	0	
	End Use Not Reported	556	2,337	*	*	4	*	0	544
3312	Steel Products from Purchased Steel								
3312	Steer Floudets Holli Fulciased Steer								
	TOTAL FUEL CONSUMPTION	57	6,557	0	*	26	*	0	7
	Indirect Uses-Boiler Fuel		19	0	*	3	*	0	
	Conventional Boiler Use		19	0	0	2	0	0	
	CHP and/or Cogeneration Process			0	*	1	*	0	
	Direct Uses-Total Process		5,639	0	*	19	*	0	
	Process Heating		1,664	0	*	17	*	0	
	Process Cooling and Refrigeration		149	0	*	*	0	0	
	Machine Drive		3,769	0	*	Q	*	0	
	Electro-Chemical Processes		23		*	*	*		
	Other Process Use		33	0	*		*	0	
	Direct Uses-Total Nonprocess Facility HVAC (g)		887 352	0	*	3	*	0	
	Facility HVAC (g) Facility Lighting		416			3			
	Other Facility Support		94	0	0	*	*	0	
	Onsite Transportation		16		*	*	*		
	Conventional Electricity Generation			0	*	*	*	0	
	Other Nonprocess Use		Q	0	0	*	*	0	
	End Use Not Reported	7	12	0	*	*	*	0	7
3313	Alumina and Aluminum								
	TOTAL FUEL CONSUMPTION	242	24 260	*	*	114	*	0	
	Indirect Uses-Boiler Fuel	243	34,380 39	*	0	114 26	*	0	6
	Conventional Boiler Use		39	*	0	2	*	0	
	CHP and/or Cogeneration Process			0	0	24	*	0	
	,							-	

	Direct Uses-Total Process		32,614	*	*	78	*	0	
	Process Heating		1,548	*	*	72	*	0	
	Process Cooling and Refrigeration		169	0	*	*	0	0	
	Machine Drive		4,953	0	*	5	*	0	
	Electro-Chemical Processes		25,834						
	Other Process Use		110	0	*	*	*	0	
	Direct Uses-Total Nonprocess		1,625	*	*	9	*	0	
	Facility HVAC (g)		720	*	*	7	*	0	
	Facility Lighting		658						
	Other Facility Support		177	0	0	2	*	0	
	Onsite Transportation		7		*	1	*		
	Conventional Electricity Generation			0	*	*	0	0	
	Other Nonprocess Use		64	0	*	0	*	0	
	End Use Not Reported	8	103	0	*	2	*	0	6
331314	Secondary Smelting and Alloying of Aluminum								
	TOTAL FUEL CONSUMPTION	20	847	0	*	16	*	0	*
	Indirect Uses-Boiler Fuel		*	0	0	*	0	0	
	Conventional Boiler Use		*	0	0	*	0	0	
	CHP and/or Cogeneration Process			0	0	*	0	0	
	Direct Uses-Total Process		678	0	*	14	*	0	
	Process Heating		200	0	*	14	*	0	
	Process Cooling and Refrigeration		31	0	0	0	0	0	
	Machine Drive		426	0	*	*	*	0	
	Electro-Chemical Processes		3						
	Other Process Use		18	0	*	0	*	0	
	Direct Uses-Total Nonprocess		162	0	*	1	*	0	
	Facility HVAC (g)		59	0	*	1	*	0	
	Facility Lighting		81						
	Other Facility Support		19	0	0	*	0 *	0	
	Onsite Transportation		2		*	0 *			
	Conventional Electricity Generation		*	0	*		0	0	
	Other Nonprocess Use	2	6	0	0	0	*	0	*
	End Use Not Reported	Z				1			
331315	Aluminum Sheet, Plate and Foils								
	TOTAL FUEL CONSUMPTION	63	4,494	*	*	44	*	0	2
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	63	4,494 1	*	*	44	*	0	2
	Indirect Uses-Boiler Fuel		1	0	0	2	0	0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use		1 1	0	0	2 2	0 0 0 *	0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		1	0 0 0	0 0 0 *	2 2 * 37 33	0 0 0	0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		1 1 3,923 767 58	0 0 0 * * * 0	0 0 0 *	2 2 * 37 33 *	0 0 0 *	0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive	 	1 1 3,923 767 58 3,072	0 0 0 *	0 0 0 *	2 2 * 37 33	0 0 0 *	0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		1 1 3,923 767 58 3,072	0 0 0 * * * * 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 **	2 2 * 37 33 * 3	0 0 0 * * 0 0	0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		1 1 3,923 767 58 3,072 12	0 0 0 * * 0 0	0 0 0 * 0 *	2 2 * 37 33 * 3	0 0 0 * * 0 0	0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		1 1 3,923 767 58 3,072 12 13	0 0 0 * * 0 0 0	0 0 0 * 0 * *	2 2 * 37 33 * 3 *	0 0 0 * * 0 0	0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		1 1 3,923 767 58 3,072 12 13 570	0 0 0 * * 0 0 0 0	0 0 0 * 0 * 0 * *	2 2 * 37 33 * 3 * 5	0 0 0 * * 0 0 0 *	0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		1 1 3,923 767 58 3,072 12 13 570 267	0 0 0 * * 0 0 0 0 0	0 0 0 * 0 * 0 *	2 2 * * 37 33 * * 3 3 * * 5 4 *	0 0 0 * * 0 0	0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		1 1 3,923 767 58 3,072 12 13 570 267 224	0 0 0 * * 0 0 0 0 0	0 0 0 * 0 * 0 * *	2 2 * 37 33 * 3 * 5	0 0 0 * * * 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 * * 0 0 0 0 0	0 0 0 * 0 * * * * 0 * 0 0	2 2 * * 37 33 * * 3 3 * * 5 4 1 * *	0 0 0 * * 0 0 *	0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 * * 0 0 0 0 0 0	0 0 0 * 0 * * 0 *	2 2 * * 37 33 * * * 3 * * 5 4 1 * * 0	0 0 0 * * 0 0 * * 0	0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7	0 0 0 * * 0 0 0 0 0 0 0	0 0 0 * 0 * * * * 0 * 0 *	2 2 * * 37 33 * * * 5 4 1 1 * * 0 0 0	0 0 0 * * * 0 0 0 * * 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 * * 0 0 0 0 0 0	0 0 0 * 0 * * * 0 * 0 *	2 2 * * 37 33 * * * 3 * * 5 4 1 * * 0	0 0 0 * * 0 0 * * 0	0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 * * 0 0 0 0 0 0 0	0 0 0 * 0 * * * * 0 * 0 *	2 2 * * 37 33 * * * 5 4 1 1 * * 0 0 0	0 0 0 * * * 0 0 0 * * 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 * * 0 0 0 0 0 0 0	0 0 0 * 0 * * * * 0 * 0 *	2 2 * * 37 33 * * * 5 4 1 1 * * 0 0 0	0 0 0 * * * 0 0 0 * * 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 * * 0 0 0 0 0 0 0	0 0 0 * 0 * * * * 0 * 0 *	2 2 * * 37 33 * * * 5 4 1 1 * * 0 0 0	0 0 0 * * * 0 0 0 * * 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0	0 0 0 * 0 * * * * 0 * 0 *	2 2 * 37 33 * * 5 4 	0 0 0 0 * * 0 0 0 * * 0 0 0 0 *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0	0 0 0 * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 * 0 * * 0 * 0 * 0 * 0 *	2 2 * * 37 33 * * * 5 4 * * 0 0 0 0 0 13 13 1	0 0 0 0 * * 0 0 0 * * 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24	0 0 0 * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 * 0 * * 0 * 0 * 0 * 0 * 0 * 0 * 0	2 2 * 37 33 * 3 * 5 4 1 * 0 0 0 13 13 1 *	0 0 0 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Gooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24	0 0 0 * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 0 * * 0 0 * 0 0 * 0 0 0 0 0	2 2 8 8 37 33 8 8 3 8 5 4 1 8 0 0 0 13 13 1 8 8	0 0 0 0 0 0 0 0 0 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24 1,299	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * 0 * 0 0 * 0 0 * 0	2 2 * 37 33 * 33 * * 5 4 1 * 0 0 0 13 13 1 * * 11	0 0 0 0 0 0 0 0 0 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24 1,299 325	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 * 0 * * 0 * 0 * 0 * 0 * 0 * 0 * 0	2 2 * 37 33 * 33 * * 5 4 1 * 0 0 0 13 1 13 1 * * 11 10	0 0 0 0 0 0 0 0 0 * * * 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	10 19 19 19 1-1 1-1 1-1 1-1 1-1 1-1 1-1 1-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 * 0 * * 0 * 0 * 0 * 0 * 0 * 0 * 0	2 2 * 37 33 * * 3 * 5 4 1 * 0 0 0 0 13 1 1 1 10 *	0 0 0 0 0 0 0 0 0 * * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive	19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * 0 * 0 0 * 0 0 * 0 0 * 0 0 *	2 2 * 37 33 * * 3 * 5 4 1 * 0 0 0 0 13 1 1 1 10 * * *	0 0 0 0 0 0 0 0 0 * * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processs	19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 * 0 * * 0 * 0 * 0 * 0 * 0 * 0 * 0	2 2 * 37 33 * * 3 * 5 4 1 * 0 0 0 0 13 1 1 1 10 *	0 0 0 0 0 0 0 0 0 * * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	19 19	1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24 24 1,299 325 65 860 39 9	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * * 0 0 * 0 0 * 0 0 0 0 0 0	2 2 3 * 37 33 * 3 * 5 4 1 * 0 0 0 13 1 * * * 11 10 * * * * *	0 0 0 0 0 0 0 0 0 * * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess	19 19	1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24 1,299 325 65 860 39 9 322	0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * * 0 0 * 0 0 * 0 0 * 0 0 * 0	2 2 * * 37 33 * * 3 * * 5 4 1 * 0 0 0 13 13 11 10 * * * 11 10 * * 11 10 * * 11 10 * 11 10 10 11 10 11 11 11 11 11 11 11 11	0 0 0 0 0 0 0 0 0 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)	19 19	1 1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24 1,299 325 65 860 39 9 322 134	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * 0 0 * 0 0 * 0 0 * 0 0 * 0 0 *	2 2 8 37 37 33 8 8 3 8 5 4 1 8 0 0 0 0 13 13 1 1 10 8 8 11 10 10 11 11 11 11 11 11 11 11 11 11	0 0 0 0 0 0 0 0 0 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting	19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * 0 * 0 0 * 0 0 * 0 0 * 0 0 * 0 0 * 0	2 2 * * 37 33 * * 3 * * 5 4 1 * 0 0 0 13 13 1 1 * * * 11 10 * * * 11 10 * * 11 10 * 11 10 10 11 11 11 11 11 11 11 11 11 11	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Facility HVAC (g) Facility Lighting Other Facility Support	19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * 0 0 * 0 0 * 0 0 * 0 0 * 0 0 *	2 2 * 37 33 * * 3 * 5 4 1 * 0 0 0 0 13 1 11 10 * * 11 10 * * 11 10 * * 11 10 * 11 10 10 11 11 11 11 11 11 11 11 11 11	0 0 0 0 0 0 0 0 * * * 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting	19 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * 0 * 0 0 * 0 0 * 0 0 * 0 0 0 0	2 2 8 8 37 33 8 8 3 8 5 4 1 1 8 0 0 0 0 13 11 1 10 8 8 11 11 10 8 8 11 11 10 8 8 11 11 10 8 8 8 11 11 10 8 8 8 11 11 10 8 8 8 11 11 10 8 8 8 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2
331318	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Gooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Other Aluminum Rolling, Drawing and Extruding TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility Lighting Other Facility Support Onsite Transportation	19 19	1 1 1 1 3,923 767 58 3,072 12 13 570 267 224 70 2 7 0 1,741 24 24 1,299 325 65 860 39 9 322 134 154 30 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 * * 0 0 * 0 0 0 * 0 0 0 * 0 0 * 0 0 * 0	2 2 3 * 37 33 * 3 * 5 4 1 * 0 0 0 0 13 1 * * * 11 10 * * * 11 10 * * * * * * *	0 0 0 0 0 0 0 0 0 * * * 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22

	End Use Not Reported	1	97	0	*	*	*	0	*
3314	Nonferrous Metals, except Aluminum								
	TOTAL FUEL CONSUMPTION	96	13,017	0	*	41	*	*	
	Indirect Uses-Boiler Fuel		59	0	*	8	*	0	
	Conventional Boiler Use		59	0	*	4	*	0	
	CHP and/or Cogeneration Process			0	*	5	*	0	
	Direct Uses-Total Process		11,638	00	*	29	*	*	
	Process Heating		5,644	0	*	28	*	0	
	Process Cooling and Refrigeration Machine Drive		400 2,950	0	0 *	0 *	0	0	
	Electro-Chemical Processes		1,814						
	Other Process Use		830	0	*	*	*	*	
	Direct Uses-Total Nonprocess		1,296	0	*	4	*	0	
	Facility HVAC (g)		611	0	*	3	*	0	
	Facility Lighting		435						
	Other Facility Support		118	0	*	*	*	0	
	Onsite Transportation		10		*	*	*		
	Conventional Electricity Generation			0	*	*	<u>0</u>	0	
	Other Nonprocess Use		122 24	0 0	0	0	*	0	
	End Use Not Reported	/	24						
331410	Nonferrous Metal (except Aluminum) Smelting and Refini	ing							
	TOTAL FUEL CONSUMPTION	40	7 705		*	16	*	*	
	Indirect Uses-Boiler Fuel	48	7,785 26	0	*	16 6	0	0	
	Conventional Boiler Use		26	0	*	2	0	0	
	CHP and/or Cogeneration Process			0	*	4	0	0	
	Direct Uses-Total Process		7,323	0	*	9	*	*	
	Process Heating		4,064	0	*	8	*	0	
	Process Cooling and Refrigeration		286	0	0	0	0	0	
	Machine Drive		569	0	*	*	0	0	
	Electro-Chemical Processes		1,679		*		*	*	
	Other Process Use		725	0	*		*		
	Direct Uses-Total Nonprocess		436 164	0	0	1	*	0	
	Facility HVAC (g) Facility Lighting		122						
	Other Facility Support		37	0	0	*	*	0	
	Onsite Transportation		1		*	*	*		
	Conventional Electricity Generation			0	*	*	0	0	
	Other Nonprocess Use		112	0	*	0	*	0	-
	End Use Not Reported	4	*	0	0	0	*	0	
3315	Foundries								
	TOTAL FUEL CONSUMPTION	118	13,219	*	*	54	*	*	1
	Indirect Uses-Boiler Fuel		84	0	*	1	*	0	
	Conventional Boiler Use		84	0	*	1	*	0	
	CHP and/or Cogeneration Process			0	*	1	*	0	-
	Direct Uses-Total Process		10,528	*	*	41	*	*	
	Process Heating		6,243	00	*	39	*	*	
	Process Cooling and Refrigeration		238	0	0	*	*	0	
	Machine Drive Electro-Chemical Processes		3,775	*	*	1	*	0	
	Other Process Use		58 215	0	*	1	*	0	
	Direct Uses-Total Nonprocess		2,482	*	*	12	*	0	
	Facility HVAC (g)		1,372	*	*	11	*	0	
	Facility Lighting		810						
	Other Facility Support		209	0	*	1	*	0	
	Onsite Transportation		44		*	*	*		
	Conventional Electricity Generation			00	*	*	*	0	
	Other Nonprocess Use		46	0	*	*	*	0	
	End Use Not Reported	16	124	0	*	*	*	0	1
331511	Iron Foundries								
	TOTAL FUEL CONSUMPTION	52	6,047	*	*	15	*	*	1
	Indirect Uses-Boiler Fuel		7	0	*	*	*	0	
	Conventional Boiler Use		7	0	0 *	*	*	0	
	CHP and/or Cogeneration Process		 4 752	0	*	<u>*</u> 9	*	0	
	Direct Uses-Total Process Process Heating		4,753 2,976	0	*	9 8	*	*	
	Process Cooling and Refrigeration		47	0	0	0	0	0	
	Machine Drive		1,596	0	*	*	*	0	
			·						

	Electro-Chemical Processes		11						
	Other Process Use		122	0	0	1	*	0	
	Direct Uses-Total Nonprocess		1,286	*	*	6	*	0	
	Facility HVAC (g)		782	*	*	6	*	0	
	Facility Lighting		380						
	Other Facility Support		84	0	*	*	*	0	
	Onsite Transportation		16		*	0	*		
	Conventional Electricity Generation			0	*	0	*	0	
	Other Nonprocess Use		24	0	*	*	*	0	
	End Use Not Reported	15	*	0	*	*	*	0	1
331523	Nonferrous Metal Die-Casting Foundries								
	TOTAL FUEL CONSUMPTION	24	2,105	0	*	16	*	0	
	Indirect Uses-Boiler Fuel		2	0	0	11	0	0	
	Conventional Boiler Use		2	00	0	*	0	0	
	CHP and/or Cogeneration Process			00	0	*	0	0	
	Direct Uses-Total Process		1,580	00	*	13	*	0	
	Process Heating		571	00	0	13	*	0	
	Process Cooling and Refrigeration		77	0	0	*	0	0	
	Machine Drive		910	00	*	*	*	0	
	Electro-Chemical Processes		4						
	Other Process Use		17	0	*	*	*	0	
	Direct Uses-Total Nonprocess		478	0	*	3	*	0	
	Facility HVAC (g)		219	0	*	2	*	0	
	Facility Lighting		179		*	*	*		
	Other Facility Support		56	0	*	*	*	0	
	Onsite Transportation		4		*				
	Conventional Electricity Generation			0	*	0	0	0	
	Other Nonprocess Use	*	20	0	0	0	0	0	
	End Use Not Reported	·	47	U				0	
331524	Aluminum Foundries, except Die-Casting								
331324	Administration Control Country								
	TOTAL FUEL CONSUMPTION	11	793	*	*	8	*	0	
	Indirect Uses-Boiler Fuel		3	0	*	*	*	0	
	Conventional Boiler Use		3	0	*	*	*	0	
	CHP and/or Cogeneration Process			0	*	*	*	0	
	Direct Uses-Total Process		598	*	*	7	*	0	
	Process Heating		247	0	*	7	*	0	
	Process Cooling and Refrigeration		26	0	0	*	0	0	
	Machine Drive		317	*	*	*	*	0	
	Electro-Chemical Processes		4						
	Other Process Use		4	0	*	*	*	0	
	Direct Uses-Total Nonprocess		179	0	*	1	*	0	
	Facility HVAC (g)		72	0	*	1	*	0	
	Facility Lighting		77						
	Other Facility Support		25	0	0	*	*	0	
	Onsite Transportation		3		*	*	*		
	Conventional Electricity Generation			0	0	*	0	0	
	Other Nonprocess Use		1	0	0	0	*	0	
	End Use Not Reported	*	13	0	0	*	*	0	
332	FABRICATED METAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	344	41,869	00	*	186	2	0	
	Indirect Uses-Boiler Fuel		QQ	00	0	19	*	0	
	Conventional Boiler Use		QQ	00	0	Q	*	0	
	CHP and/or Cogeneration Process			00	0	15	*	0	
	Direct Uses-Total Process		28,560	00	*	115	*	0	
	Process Heating		6,410	0	*	108	*	0	
	Process Cooling and Refrigeration		1,374	0	0	*	0	0	
	Machine Drive		17,747	0	*	Q	*	0	
	Electro-Chemical Processes		1,520		*		*		
	0.1 0 11		1,509	0	*	Q		0	
	Other Process Use		11,956	0	*	46	1	0	
	Direct Uses-Total Nonprocess		6 205	0	*	44	Ŧ	0	
	Direct Uses-Total Nonprocess Facility HVAC (g)	-	6,305						
	Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		3,848						
	Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		3,848 1,426	0	*	2	*	0	
	Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		3,848 1,426 291	0	*	2	*	0	
	Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		3,848 1,426 291	 0 0	*		*	0 0	
	Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		3,848 1,426 291 86	0 0 0	* * *	2 *	* 1 0	0 0 0	
	Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		3,848 1,426 291	 0 0	*	*	* 1 0 *	0 0	

								*	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	164 	23,424	*	1 *	70 14	1	*	2
	Conventional Boiler Use		222	0	*	4	0	0	
	CHP and/or Cogeneration Process			0	*	10	*	*	
	Direct Uses-Total Process		13,771	0	1	24	*	0	
	Process Heating		2,277	0	0	18	*	0	
	Process Cooling and Refrigeration		921	00	*	*	*	0	
	Machine Drive		9,801	0	*	2	*	0	
	Electro-Chemical Processes Other Process Use		232 539			 Q	*	0	
	Direct Uses-Total Nonprocess		9,077	*	*	31	*	0	
	Facility HVAC (g)		4,699	*	*	30	*	0	
	Facility Lighting		3,185						
	Other Facility Support		852	0	*	1	*	0	
	Onsite Transportation		233		*	*	*		
	Conventional Electricity Generation			00	*	*	*	00	
	Other Nonprocess Use		Q	*	*	*	*	0	
	End Use Not Reported	4	Q	0		Q		0	2
334	COMPUTER AND ELECTRONIC PRODUCTS								
	TOTAL FUEL CONSUMPTION	162	32,820	*	*	45	*	0	Q
	Indirect Uses-Boiler Fuel Conventional Boiler Use		292 292	0 0	*	15 11	*	0	
	CHP and/or Cogeneration Process			0	0	4	*	0	
	Direct Uses-Total Process		18,416	0	*	13	*	0	
	Process Heating		3,900	0	*	9	*	0	
	Process Cooling and Refrigeration		3,830	0	0	*	0	0	
	Machine Drive		7,485	0	*	*	*	0	
	Electro-Chemical Processes		755						
	Other Process Use		2,447	0	*	4	*	0	
	Direct Uses-Total Nonprocess		13,389	*	*	16	*	0	
	Facility HVAC (g) Facility Lighting		7,995 3,041			15 		0	
	Other Facility Support		1,628	0	*	1	*	0	
	Onsite Transportation		86		*	*	*		
					*	*	0	0	
	Conventional Electricity Generation			0					
	Other Nonprocess Use		640	0	*	1	*	0	
								0	Q
334413	Other Nonprocess Use	-	640	0	*	1	*		
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices	5	640 722	0	*	1 *	*	0	
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION	5	640 722 19,106	0	*	1 *	*	0	
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	5	640 722 19,106 198	0 0 *	* 0	1 * 24 9	*	0 0 0	
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION	90 	640 722 19,106	0	*	1 *	*	0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	90 	640 722 19,106 198 198	* 0 0	* 0	1 * 24 9 7	*	0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process	90	19,106 198 198	* 0 0 0 0 0 0 0 0 0 0 0	* 0	1 * 24 9 7 2	*	0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	90	19,106 198 198 198 	0 0 0 * 0 0 0 0 0	* 0 * * 0 * 0 0 0	1 * 24 9 7 2 6 3 *	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive	90	19,106 198 198 198 11,743 2,284 2,630 4,507	* 0 0 0 0 0 0 0 0	* 0 0 0 0 0 *	1 * * 24 9 9 7 2 6 6 3 * * * *	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes	90	19,106 198 198 198 11,743 2,284 2,630 4,507 546	0 0 0 0 0 0 0 0 0	* 0 0 * 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 * 24 9 7 2 6 6 3 3 * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	90	19,106 198 198 11,743 2,284 2,630 4,507 546 1,775	* 0 0 0 0 0 0 0 0	* 0 0 0 0 0 *	24 9 7 2 6 3 *	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess	90 	19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * * 0 * 0 * 0 * 0 * 1 0 * 1 1 1 1	1 * 24 9 7 2 6 6 3 3 * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	90 	19,106 198 198 11,743 2,284 2,630 4,507 546 1,775	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * * 0 * 0 0 * 0 0 * * * * * *	24 9 7 2 6 3 * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)	90	19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 * *	* 0 * * 0 0 * 0 0 * 0 0 * * * *	24 9 7 2 6 3 * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0	
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting	90 	19,106 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 * * * *	* 0 * * 0 0 0 0 0 * * * * * * * *	24 9 7 2 6 3 * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0	
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation	90 	19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 * 0 * 0 * 0 * * * * * * *	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0	
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use	90	19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * * 0 0 * 0 0 * * * * * * * *	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*
334413	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported	90	19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 * 0 * 0 * 0 * * * * * * *	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0	*
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use	90	19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * * 0 0 * 0 0 * * * * * * * *	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS	90 	640 722 19,106 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 0 * 0 0 * 0 * * 0 0 * * 0 0	1 * * 24 9 7 7 2 6 6 3 3 * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS	90	640 722 19,106 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 * 0 0 * 0 * * 0 0 * * 0 0	24 9 7 2 6 3 * * * * 3 8 7 1 * 0 * 26 3	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	90	640 722 19,106 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 0 0 * 0 0 * 0 0 * * 0 0	1 * * 24 9 9 7 7 2 6 6 3 * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process	90	640 722 19,106 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 * 0 0 * 0 * * 0 0 * * 0 0	1 * * 24 9 9 7 7 2 6 6 3 8 8 7 7 * * 0 0 * 1 1 * * * 26 6 3 2 Q	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	90	640 722 19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275 11,764 55 55 8,174	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * * 0 0 0 0 0 0 * * * 0 0 0 * * 0 0 0 0 0 0 0 0 0	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating	90	640 722 19,106 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * * 0 0 0 0 * * * * * * 0 0 0	1 * * 24 9 9 7 7 2 6 6 3 8 8 7 7 * * 0 0 * 1 1 * * * 26 6 3 2 Q	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	90 	640 722 19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275 11,764 55 55 8,174 2,730	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 0 0 * 0 0 * * 0 0 * * 0 0	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HyAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Process Heating Process Cooling and Refrigeration	90	640 722 19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275 11,764 55 55 8,174 2,730 761	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 * 0 0 * 0 0 * 0 * * 0 0 * * 0 0	24 9 7 2 6 3 * * * 0 1 * 26 3 2 0 16 16 16 *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	90	640 722 19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275 11,764 55 55 8,174 2,730 761 3,328 922 433	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*
	Other Nonprocess Use End Use Not Reported Semiconductors and Related Devices TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes	90 90	640 722 19,106 198 198 198 11,743 2,284 2,630 4,507 546 1,775 6,891 4,424 1,119 791 6 551 275 11,764 55 55 8,174 2,730 761 3,328 922	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* 0 0 0 0 0 0 0 * * 0 0 0 0 0 0 0 0 0 0	1 * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*

	Facility Lighting		1,164						
	Other Facility Support		269	0	*	*	*	0	
	Onsite Transportation		82		*	0	*		
	Conventional Electricity Generation			0	*	0	*	0	
	Other Nonprocess Use		Q	0	*	*	*	0	
	End Use Not Reported	2	Q	0	*	0	*	0	2
336	TRANSPORTATION EQUIPMENT								
	TOTAL FUEL CONSUMPTION	318	45,185	*	1 *	141	1 *	*	9
	Indirect Uses-Boiler Fuel		373	*	*	23	*	*	
	Conventional Boiler Use		373		*	17		*	
	CHP and/or Cogeneration Process Direct Uses-Total Process			0 0	*	63		0	
			27,102	0	*	55	*	0	
	Process Cooling and Refrigeration		4,938 2,261	0	0	*	*	0	
	Machine Drive		17,433	0	*	Q	*	0	
	Electro-Chemical Processes		288						
	Other Process Use		2,182	0	*	5	*	0	
	Direct Uses-Total Nonprocess		17,000	0	*	53	1	0	
	Facility HVAC (g)		8,431	0	*	47	*	0	
	Facility Lighting		5,619						
	Other Facility Support		1,772	0	*	2	*	0	
	Onsite Transportation		637		*	*	1		
	Conventional Electricity Generation			0	*	Q	*	0	
	Other Nonprocess Use		542	0	*	Q	*	0	
	End Use Not Reported	14	710	0	*	2	*	0	9
336111	Automobiles								
	TOTAL FUEL CONSUMPTION	33	3,623	0	*	18	*	*	1
	Indirect Uses-Boiler Fuel		61	0	*	2	*	*	
	Conventional Boiler Use		61	00	0	2	*	*	
	CHP and/or Cogeneration Process			00	*	*	0	00	
	Direct Uses-Total Process		2,261	0	*	11	*	00	
	Process Heating		222	0	0	10	*	00	
	Process Cooling and Refrigeration		295	0	0	0	0	00	
	Machine Drive		1,567	0	*	0	0	0	
	Electro-Chemical Processes		100						
	Other Process Use		77	0	*	1		0	
	Direct Uses-Total Nonprocess		1,297	0	*	5 4	*	0	
	Facility HVAC (g) Facility Lighting		651 480	0 				0 	
	Other Facility Support		124	0	*	*	*	0	
	Onsite Transportation		41		*	*	*		
	Conventional Electricity Generation			0	*	*	0	0	
	Other Nonprocess Use		1		*	0	0	0	
	End Use Not Reported	1	4	0	0	*	0	0	1
336112	Light Trucks and Utility Vehicles								
	TOTAL FUEL CONSUMPTION	39	3,574	0	*	24	*	*	2
	Indirect Uses-Boiler Fuel		18	0	0	5	0	*	
	Conventional Boiler Use		18	0	0	4	0	*	
	CHP and/or Cogeneration Process	-		0	0	1	0	0	
	Direct Uses-Total Process		2,351	0	*	14	*	0	
	Process Heating		67	0	0	13	0	0	
	Process Cooling and Refrigeration		408	0	0	*	0	0	
	Machine Drive		1,577	0	*	*	0	0	
	Electro-Chemical Processes		27						
	Other Process Use		273	00	*	1	*	0	
	Direct Uses-Total Nonprocess		1,204	00	*	6	*	0	
	Facility HVAC (g)	<u></u>	642	0	0	5	*	0	
	Facility Lighting		436						
	Other Facility Support		91	0	*	*	0	0	
	Onsite Transportation		33		*	*	*		
	Conventional Electricity Generation			0	*	0		0	
	Other Nonprocess Use		2	0	*	0		0	
	End Use Not Reported	2	0	0		0	0	0	2
3364	Agrospace Products								
3364	Aerospace Products								
	TOTAL FUEL CONSUMPTION	68	9,417	*	*	28	*	0	5
	Indirect Uses-Boiler Fuel		9,417	*	*	11	*	0	
	Conventional Boiler Use		84	*	*	7	*	0	
						·		·	

	CHP and/or Cogeneration Process			0	*	4	0	0	
	CHP and/or Cogeneration Process Direct Uses-Total Process		4,374	0	*	<u>4</u> 5	*	0 0	
	Process Heating		1,306	0	*	4	*	0	
	Process Cooling and Refrigeration		559	0	0	*	*	0	
	Machine Drive		2,121	0	*	*	*	0	
	Electro-Chemical Processes		2,121						
	Other Process Use		345	0	*	1	*	0	
	Direct Uses-Total Nonprocess		4,768	0	*	12	*	0	
	Facility HVAC (g)		2,264	0	*	10	*	0	
	Facility Lighting		1,796						
	Other Facility Support		555	0	*	1	*	0	
	Onsite Transportation		88		*	*	*		
	Conventional Electricity Generation			0	*	Q	*	0	
	Other Nonprocess Use		Q	0	*	*	*	0	
	End Use Not Reported	6	192	0	*	*	*	0	5
336411	Aircraft								
	TOTAL FUEL CONSUMPTION	23	3,197	*	*	10	*	0	*
	Indirect Uses-Boiler Fuel		42	*	*	3	*	0	
	Conventional Boiler Use		42	*	*	3	*	0	
	CHP and/or Cogeneration Process			00	0	*	0	0	
	Direct Uses-Total Process		1,026	00	*	1	*	0	
	Process Heating		175	0	*	1	*	0	
	Process Cooling and Refrigeration		107	0	0	*	*	0	
	Machine Drive		618	0	*	*	*	0	
	Electro-Chemical Processes		5						
	Other Process Use		Q 2.002	0	0 *	*	0	0	
	Direct Uses-Total Nonprocess		2,003	0	*	5	*	0	
	Facility HVAC (g)		857	0		5		0	
	Facility Lighting		778			*	*		
	Other Facility Support		282	0	0 *	*	*	00	-
	Onsite Transportation		28	 0	0	*	0	0	
	Conventional Electricity Generation				*	*			
	Other Nonprocess Use	1	Q 126	0	0	*	0	0	*
	End Use Not Reported	1	126	U	U			U	
337	FURNITURE AND RELATED PRODUCTS								
337	I OMNITORE AND RELATED PRODUCTS								
	TOTAL FUEL CONSUMPTION	37	5,072	0	*	14	*	*	4
	Indirect Uses-Boiler Fuel		59	0	*	Q	*	*	
	Conventional Boiler Use		59	0	0	*	*	*	
	CHP and/or Cogeneration Process			0	*	Q	*	0	
	Direct Uses-Total Process		2,824	0	*	6	*	*	
	Process Heating		186	0	*	6	*	*	
	Process Cooling and Refrigeration		82			*			
	Machine Drive			0	0		*	0	
			2,482	0	0	*	*		
	Electro-Chemical Processes					*		0	
	Electro-Chemical Processes Other Process Use		2,482	0	0		*	0	
			2,482 18	0	0		*	0 0	
	Other Process Use		2,482 18 57	0 0	0 0	0	*	0 0 0	
	Other Process Use Direct Uses-Total Nonprocess		2,482 18 57 2,061	0 0 0	0 0 *	 0 7	*	0 0 0 *	
	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		2,482 18 57 2,061 1,003	0 0 0	0 0 * * * *	 0 7	* * * * * * * * * * * * * * * * * * * *	0 0 0 *	
	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		2,482 18 57 2,061 1,003 828	0 0 0 0	0 **	 0 7 7	*	0 0 0 **	
	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		2,482 18 57 2,061 1,003 828 159	0 0 0 0 	0 0 * * * * * * *	7 7 7 	* * * * * * * * * * * * * * * * * * * *	0 0 0 * * 0	
	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		2,482 18 57 2,061 1,003 828 159 49 23	0 0 0 0 0 0	0 0 * * * * *		* * * * * * * * * * * * * * * * * * * *	0 0 0 0 * * 0 0	
	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		2,482 18 57 2,061 1,003 828 159 49	0 0 0 0 0	0 0 * * * * * * *	7 7 7 	* * * * * * * * * * * * * * * * * * * *	0 0 0 * * 0	
	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		2,482 18 57 2,061 1,003 828 159 49 23	0 0 0 0 0 0	0 0 * * * * * * * * *		* * * * * * * * * * * * * * * * * * * *	0 0 0 0 * * 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		2,482 18 57 2,061 1,003 828 159 49 23	0 0 0 0 0 0	0 0 * * * * * * * * *		* * * * * * * * * * * * * * * * * * * *	0 0 0 0 * * 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		2,482 18 57 2,061 1,003 828 159 49 23	0 0 0 0 0 0	0 0 * * * * * * * * *		* * * * * * * * * * * * * * * * * * * *	0 0 0 0 * * 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS		2,482 18 57 2,061 1,003 828 159 49 23 Q	0 0 0 0 0 0 0	0	0 7 7 7 * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	0 0 0 0 * * 0 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS		2,482 18 57 2,061 1,003 828 159 49 23 Q	0 0 0 0 0 0 0 0	0			0 0 0 0 * * 0 0 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	 4	2,482 18 57 2,061 1,003 828 159 49 23 Q	0 0 0 0 0 0 0 0	0		* * * * * * * * * * * * * * * * * * * *	0 0 0 * * 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	 4	2,482 18 57 2,061 1,003 828 159 49 23 Q	0 0 0 0 0 0 0 0 0	0 0	0 7 7 7 * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 * * * 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process	 4	2,482 18 57 2,061 1,003 828 159 49 23 Q	0 0 0 0 0 0 0 0 0	0		* * * * * * * * * * * * *	0 0 0 * * * 0 0 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	 4	2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501	0 0 0 0 0 0 0 0 0 0	0		* * * * * * * * * * * * *	0 0 0 * * * 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000	0 	0		* * * * * * * * * * * * *	0 0 0 0 * * 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Pirocess Heating Process Cooling and Refrigeration		2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617	0 	0		* * * * * * * * * * * * *	0 0 0 0 * * 0 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive	 4	2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661	0 	0		* * * * * * * * * * * * *	0 0 0 0 * * 0 0 0 0 0 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes	 4 4	2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	25 Q 1 Q 5 5 4 * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * *	0 0 0 0 * * 0 0 0 0 0 0 0 0 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	 4 4	2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62 160	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 * * * * * * * * * * * * * * *	25 Q 1 Q 5 4	* * * * * * * * * * * * *	0 0 0 * * * 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess	 	2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62 160 3,770	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	25 Q 1 Q 5 4 * * * * Q 9	* * * * * * * * * * * * *	0 0 0 * * * 	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processs Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62 160 3,770 2,085	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	25 Q 1 Q 5 4 *	* * * * * * * * * * * * *	0 0 0 * * * 0 0 0 0 0 0 0 0 0 0 0 0 0	
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processe Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62 160 3,770 2,085 1,194	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	25 Q 1 Q 5 4 * * * Q 9 6 6	* * * * * * * * * * * * *	0 0 0 0 * * * 0 0 0 0 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62 160 3,770 2,085 1,194 429	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	25 Q 1 Q 5 5 4 * * * * Q 9 6 6 1 1	* * * * * * * * * * * * *	0 0 0 0 * * * 0 0 0 0 0 0 0 0 0	4
339	Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported MISCELLANEOUS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processe Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		2,482 18 57 2,061 1,003 828 159 49 23 Q 8,466 118 118 4,501 1,000 617 2,661 62 160 3,770 2,085 1,194	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	25 Q 1 Q 5 4 * * * Q 9 6 6	* * * * * * * * * * * * *	0 0 0 0 * * * 0 0 0 0 0 0 0 0 0	4

Other Nonprocess Use		12	0	*	*	*	0	
End Use Not Reported	Q	Q	0	0	*	*	0	Q

- (a) The Bureau of the Census classifies establishments using the 2012 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) Hydrocarbon Gas Liquids '(HGL)' include 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.
- (g) Facility Heating, Ventilation, and Air Conditioning '(Facility HVAC)' excludes steam and hot water.
- * 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: 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 estimates 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: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey.'

NAICS Code(a)	End Use	(+	Net Total Electricity(b) Frillion Btu) nillion kWh)	Residual Fuel Oil (million bbl)	Fuel Oil and Diesel Fuel(c) (million bbl)	Natural Gas(d) (billion cu ft)	HGL (excluding natural gasoline)(e) (million bbl)	Coal (excluding Coal Coke and Breeze) (million short tons)	Other(f) (trillion Btu)
coue(a)	Liiu ose	·	nited States	(minori bbi)	(minion bbi)	(billion cu rt)	(million bbi)	(million short tons)	(trimon btu)
311 - 339	ALL MANUFACTURING INDUSTRIES								
	TOTAL FUEL CONSUMPTION	0.6	1.2	2.2	5.4	0.8	2.8	1.1	1.3
	Indirect Uses-Boiler Fuel		4.2	2.9	7.3	1.0	3.6	1.3	-
	Conventional Boiler Use CHP and/or Cogeneration Process		4.2	0.4 6.1	6.3	2.1	4.6 5.8	1.6 1.5	
	Direct Uses-Total Process		1.1	2.7	10.6	1.0	2.9	1.8	
	Process Heating		2.2	1.6	7.5	1.1	2.1	2.0	-
	Process Cooling and Refrigeration		2.0	73.1	10.3	5.7	27.2	X	
	Machine Drive		1.5	0.1	13.7	3.8	26.1	23.0	
	Electro-Chemical Processes		1.4						
	Other Process Use Direct Uses-Total Nonprocess		4.6	42.3	25.7	3.3	16.9	0.1	
	Facility HVAC (g)		2.6	4.0	16.4	2.7	17.0	20.2	
	Facility Lighting		2.5						-
	Other Facility Support		4.0	40.2	44.8	3.0	14.8	0.1	
	Onsite Transportation		4.8		4.5	9.0	5.3		
	Conventional Electricity Generation			0.1	38.1	17.4	14.5	0.1	
	Other Nonprocess Use End Use Not Reported	1.1	15.3 10.8	63.0	28.4	27.9	29.9 12.6	0.1 4.2	1.:
311	FOOD								
	TOTAL FUEL CONSUMPTION	2.5	2.5	16.2	11.0	3.1	12.2	0.1	5.5
	Indirect Uses-Boiler Fuel		9.2	17.6	16.0	2.5	14.5	0.1	-
	Conventional Boiler Use		9.2	1.9	9.9	4.3	19.4	0.1	-
	CHP and/or Cogeneration Process Direct Uses-Total Process		2.5	40.8	21.5	3.2 7.4	21.8	0.2	
	Process Heating		8.2	14.2 26.5	31.5 45.1	8.2	29.5 28.0	0.1	
	Process Cooling and Refrigeration		3.6	0.1	10.7	6.5	48.8	X	
	Machine Drive		3.0	0.1	46.9	13.9	59.6	Х	-
	Electro-Chemical Processes		14.3						-
	Other Process Use		12.9	X	73.0	7.2	8.9	X	
	Direct Uses-Total Nonprocess		3.7	13.1 4.1	10.9	4.5 6.0	16.4 42.1	0.1	
	Facility HVAC (g) Facility Lighting		4.7	4.1	0.3		42.1	0.1	
	Other Facility Support		4.9	41.3	4.6	4.7	29.5	0.1	
	Onsite Transportation		7.9		14.6	36.1	11.9		
	Conventional Electricity Generation			X	60.7	39.9	0.1	Х	-
	Other Nonprocess Use		13.0	X	10.5	25.2	10.4	X	
	End Use Not Reported	4.6	21.1	X	24.9	13.5	62.6	0.1	5.
3112	Grain and Oilseed Milling								
	TOTAL FUEL CONSUMPTION	1.3	1.9	37.1	8.0	2.3	31.2	0.1	2.3
	Indirect Uses-Boiler Fuel		2.8	56.6	6.0	3.2	52.7	0.2	
	Conventional Boiler Use		2.8	X	4.2	4.8	0.1	0.1	
	CHP and/or Cogeneration Process Direct Uses-Total Process		2.0	56.6 44.0	18.9 30.0	4.6	60.0 47.8	0.2	
	Process Heating		6.1	44.0	56.7	4.5	44.0	0.1	
	Process Cooling and Refrigeration		3.4	Х	80.5	9.2	X	Х	-
	Machine Drive		2.1	X	15.5	13.3	89.3	X	-
	Electro-Chemical Processes		5.8						
	Other Process Use Direct Uses-Total Nonprocess		33.1	X 44.7	4.5 5.6	3.8	3.2 15.7	0.1	
	Facility HVAC (g)		4.1	44.7	22.7	5.4	41.2	0.1	
	Facility Lighting		3.0						
	Other Facility Support		3.3	Х	82.3	6.3	58.5	0.1	-
	Onsite Transportation		13.7		3.6	0.1	9.8		-
	Conventional Electricity Generation			X	9.3	0.1	0.1	X	
	Other Nonprocess Use End Use Not Reported		26.0 52.3	X	93.7	93.7	0.1 17.3	0.1	
	Life Ose Not reported	1.4	52.3	X	93./	93./	17.3	0.1	2.3
311221	Wet Corn Milling								

Distillate

	TOTAL FUEL CONSUMPTION	0.0	0.0	Х	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	X	0.0	0.0	X	0.0	
	Conventional Boiler Use		0.0	X	0.0	0.0	X	0.0	
	CHP and/or Cogeneration Process			X	X	0.0	X	0.0	
	Direct Uses-Total Process Process Heating		0.0	X	0.0	0.0	0.0	0.0	
	Process Cooling and Refrigeration		0.0	X	X	0.0	X	X	
	Machine Drive		0.0	X	0.0	0.0	X	X	
	Electro-Chemical Processes		Х						
	Other Process Use		0.0	X	X	0.0	X	X	
	Direct Uses-Total Nonprocess		0.0	X	0.0	0.0	0.0	X	
	Facility HVAC (g)		0.0	X	0.0	0.0	0.0	X	
	Facility Lighting Other Facility Support		0.0	X	X	0.0	0.0	X	
	Onsite Transportation		0.0		0.0	0.0	0.0		
	Conventional Electricity Generation			X	0.0	X	0.0	X	
	Other Nonprocess Use		X	X	0.0	X	X	X	
	End Use Not Reported	0.0	X	X	X	X	0.0	0.0	0.0
31131	Sugar								
31131	Sugai								
	TOTAL FUEL CONSUMPTION	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Indirect Uses-Boiler Fuel		0.1	0.1	0.1	0.1	X	0.1	
	Conventional Boiler Use		0.1	0.1	X	0.1	X	Х	
	CHP and/or Cogeneration Process			0.1	0.1	0.1	X	0.1	
	Direct Uses-Total Process		0.1	0.1	0.1	0.1	X	0.1	-
	Process Heating Process Cooling and Refrigeration		0.1	X	X	0.1 X	X	0.1 X	
	Machine Drive		0.1	0.1	0.1	^	x	^x	
	Electro-Chemical Processes		0.1						
	Other Process Use		Х	Х	х	0.1	Х	Х	
	Direct Uses-Total Nonprocess		0.1	Х	0.1	0.1	0.1	X	
	Facility HVAC (g)		0.1	X	X	0.1	0.1	X	
	Facility Lighting		0.1	X	 X			X	
	Other Facility Support Onsite Transportation		0.1		0.1	0.1 X	0.1	^	
	Conventional Electricity Generation			X	X	X	X	x	
	Other Nonprocess Use		0.1	Х	0.1	Х	0.1	Х	
	End Use Not Reported	0.1	X	X	X	Х	0.1	X	0.1
3114	Fruit and Vegetable Preserving and Specialty Foods								
	TOTAL FUEL CONSUMPTION	2.1	6.0	5.5	9.0	2.0	31.3	0.1	13.1
	Indirect Uses-Boiler Fuel		10.6	0.1	6.2	2.5	20.4	0.1	
	Conventional Boiler Use		10.6	0.1	3.0	3.0	3.1	Х	
	CHP and/or Cogeneration Process			0.1	57.3	3.6	63.2	0.1	
	Direct Uses-Total Process		7.0	4.2	44.1	4.5	74.1	X	- -
	Process Gooling and Refrigeration		12.7	4.2	26.2	4.7	70.7	X	
	Process Cooling and Refrigeration Machine Drive		10.8	X	38.2 59.1	13.6 42.3	X 96.1	X	
	Electro-Chemical Processes		28.9		59.1	42.3	90.1		
	Other Process Use		10.3	X	23.5	15.7	28.6	X	
	Direct Uses-Total Nonprocess		4.8	30.2	13.2	4.3	21.1	X	
	Facility HVAC (g)		4.6	11.1	42.4	3.3	57.2	X	
	Facility Lighting		5.5			 1E E	 6E 6		
	Other Facility Support Onsite Transportation		8.4 17.3	47.9 	X 14.3	15.5 54.4	65.6 9.3	X	
	Conventional Electricity Generation			x	14.3	45.9	9.3 X	X	
	Other Nonprocess Use		0.1	X	23.0	X	0.2	Х	
					23.0 15.4	9.7	0.2 16.9	X X	13.1
3115	Other Nonprocess Use		0.1	Х					
3115	Other Nonprocess Use End Use Not Reported		0.1	Х					
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	8.1	0.1 24.7 2.2 2.2 8.6	0.4 0.5	15.4 26.6 22.7	9.7 2.3 2.8	20.3 32.7	0.1 X	13.1
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	2.0	0.1 24.7 2.2 2.2 8.6 8.6	0.4 0.5 0.2	26.6 22.7 0.9	2.3 2.8 3.2	20.3 32.7 88.6	0.1 X X	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process	2.0	0.1 24.7 2.2 8.6 8.6	0.4 0.5 0.2 57.2	26.6 22.7 0.9 38.8	2.3 2.8 3.2 4.9	20.3 32.7 88.6 34.8	0.1 X X	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	2.0	0.1 24.7 2.2 8.6 8.6 	0.4 0.5 0.2 57.2	26.6 22.7 0.9 38.8 64.6	2.3 2.8 3.2 4.9	20.3 32.7 88.6 34.8 11.3	0.1 X X X X 0.1	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating	2.0	2.2 8.6 8.6 2.6 7.0	0.4 0.5 0.2 57.2 0.1	26.6 22.7 0.9 38.8 64.6 93.6	2.3 2.8 3.2 4.9 4.5	20.3 32.7 88.6 34.8 11.3 17.3	0.1 X X X 0.1 0.1	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	2.0	0.1 24.7 2.2 8.6 8.6 	0.4 0.5 0.2 57.2	26.6 22.7 0.9 38.8 64.6	2.3 2.8 3.2 4.9	20.3 32.7 88.6 34.8 11.3	0.1 X X X X 0.1	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	2.0	2.2 8.6 8.6 2.6 7.0 4.0	X X 0.4 0.5 0.2 57.2 0.1 0.1	26.6 22.7 0.9 38.8 64.6 93.6 33.2	2.3 2.8 3.2 4.9 4.5 4.4 11.6	20.3 32.7 88.6 34.8 11.3 17.3	0.1 X X X X 0.1 0.1	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	2.0	0.1 24.7 2.2 8.6 8.6 2.6 7.0 4.0 3.0 10.7 6.6	X X 0.4 0.5 0.2 57.2 0.1 0.1 0.1	26.6 22.7 0.9 38.8 64.6 93.6 33.2 95.7	2.3 2.8 3.2 4.9 4.5 4.4 11.6 34.3	20.3 32.7 88.6 34.8 11.3 17.3 X 0.1	0.1 X X X 0.1 0.1 X X	23.4
3115	Other Nonprocess Use End Use Not Reported Dairy Products TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes	2.0	0.1 24.7 2.2 8.6 8.6 	X X 0.4 0.5 0.2 57.2 0.1 0.1 0.1	26.6 22.7 0.9 38.8 64.6 93.6 33.2 95.7	2.3 2.8 3.2 4.9 4.5 4.4 11.6 34.3	20.3 32.7 88.6 34.8 11.3 17.3 X	X O.1 X X X O.1 O.1 X X	23.4

Control Figure Cont		Facility Lighting		3.3						
Converteorosite control proteorosite					Х	Х	9.5	95.6	Х	
Control temperate										
The first was desperated 10.3 12.5 15 15.0 10.										
1310 Anneal Stugientering and Processing										
1070 1070		Lita ose Not Reported	10.5	12.5		36.0	13.3	38.0		23.4
Inside Cipes-Bake Paul	3116	Animal Slaughtering and Processing								
Coveredate fair futes		TOTAL FUEL CONSUMPTION	2.1	2.3	14.9	7.3	2.8	17.7	26.8	20.8
Care anglor Capearation Process										- -
Direct User Tool Process Process Libertifier										
Process founding										
Machine Crose										
Exerce Channel Process										
Other Process Use										
Direct User Foot Informaces										
Facility Lightness - 13										
Other Facility Support Onlar Enginery Conventions Onlar Engineering Forecastion Onlar Engineering Onlar Engi		Facility HVAC (g)		3.6	X	21.3	3.9	66.6	X	
Onside Transportation										
Conventional Electricity Generation -										
Comment										
### SEVERAGE AND TORACCO PRODUCTS **TOTAL PULL CONSUMPTION** **TOTAL PULL CONSUMPTIO				20.5						
TOTAL FUEL CONSUMPTION 37 7.6 0.1 18.5 4.4 10.3 0.1 4.5 4.4 10.3 0.1 4.5 4.4 10.5 10.5 4.5 10.5 1		End Use Not Reported	19.4	76.8	X	28.1	38.2	24.3	X	20.8
Indirect Uses Bolie Fuel - 4-9 0.1 33.5 1.0 36.2 0.1	312	BEVERAGE AND TOBACCO PRODUCTS								
Indirect Uses Bolie Fuel - 4-9 0.1 33.5 1.0 36.2 0.1		TOTAL FILE CONSUMPTION	3 7	7.6	0.1	18.5	44	10.3	0.1	4.2
Conventional Bolier Use -										
Direct User-Total Process										
Process heating										
Process Cooling and Refrigeration										
Machine Drive										
Other Process Use										
Direct Uses-Total Nonprocess		Electro-Chemical Processes		10.2						
Facility HVAC (g)										
Facility Lighting										
Onsite Transportation										
Conventional Electricity Generation		Other Facility Support		22.3	X	0.1	25.4	46.1	Х	
Cher Nonprocess Use										
End Use Not Reported										
TOTAL FUEL CONSUMPTION			4.6							4.2
Indirect Uses-Boller Fuel	3121	Beverages								
Indirect Uses-Boller Fuel						10.0		11.0	0.4	
Conventional Boiler Use										4.2
CHP and/or Cogeneration Process										
Process Heating - 11.2 X 75.8 22.3 19.8 X - Process Cooling and Refrigeration - 10.8 X X 81.0 X X - Machine Drive - 4.2 X 87.7 19.8 68.5 X - Electro-Chemical Processes - 10.4 -										
Process Cooling and Refrigeration										
Machine Drive										
Other Process Use 6.0 X 83.9 4.2 33.2 X Direct Uses-Total Nonprocess 17.9 X 18.6 8.6 9.5 X Facility HVAC (g) 12.6 X 24.5 8.2 28.5 X Facility Lighting 18.0										
Direct Uses-Total Nonprocess										
Facility HVAC (g)										
Facility Lighting										
Other Facility Support - 25.9 X X 26.8 46.1 X - Onsite Transportation - 37.7 - 20.9 57.8 10.1										
Conventional Electricity Generation				25.9		Х	26.8	46.1		
Other Nonprocess Use - 12.5 X 54.7 18.6 21.5 X - End Use Not Reported 4.6 9.6 X 0.1 7.6 8.4 X 4.2 3122 Tobacco TOTAL FUEL CONSUMPTION 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1										
End Use Not Reported										
TOTAL FUEL CONSUMPTION 0.1										4.2
Indirect Uses-Boiler Fuel 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 Conventional Boiler Use 0.1	3122	Tobacco								
Indirect Uses-Boiler Fuel 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 Conventional Boiler Use 0.1		TOTAL FLIFI CONSUMPTION	0.1	Λ 1	<u>0</u> 1	<u>0</u> 1	0.1	0.1	n 1	0.1
Conventional Boiler Use 0.1 0.1 0.1 0.1 0.1 0.1 -										0.1
CHP and/or Cogeneration Process X 0.1 0.1 0.1 0.1							0.1			
		CHP and/or Cogeneration Process			X	0.1	0.1	0.1	0.1	

	Direct Uses-Total Process	-	0.1	Х	0.1	0.1	0.1	0.1	
	Process Heating		0.1	Х	0.1	0.1	0.1	0.1	
	Process Cooling and Refrigeration		0.1	X	X	0.1	X	X	
	Machine Drive		0.1	X	0.1	0.1	0.1	X	
	Electro-Chemical Processes		0.1		 				
	Other Process Use Direct Uses-Total Nonprocess		0.1	X	0.1	0.1	0.1	0.1	
	Facility HVAC (g)		0.1	X	0.1	0.1	0.1	0.1	
	Facility Lighting		0.1						
	Other Facility Support		0.1	Х	0.1	0.1	Х	Х	
	Onsite Transportation		0.0		0.1	0.1	0.1		
	Conventional Electricity Generation			X	0.1	X	X	X	
	Other Nonprocess Use	0.1	0.1 X	X	0.1 X	0.1 X	0.1 X	X X	0.1
	End Use Not Reported	0.1	^	^		^	^	<u>^</u>	0.1
313	TEXTILE MILLS								
	TOTAL FUEL CONSUMPTION	16.2	13.7	48.0	55.7	17.1	10.9	43.2	40.1
	Indirect Uses-Boiler Fuel		35.7	67.6	85.2	17.6	3.7	43.2	
	Conventional Boiler Use		35.7	X	68.7	31.3	3.0	76.3	
	CHP and/or Cogeneration Process			67.6	90.9	22.1	66.0	48.0	
	Direct Uses-Total Process		16.3	0.1	91.1	27.5	15.9	X	- -
	Process Heating Process Cooling and Refrigeration		17.5 14.8	0.1 X	0.1 X	16.3 76.7	16.4 0.1	X X	
	Machine Drive		19.5	^X	X	76.9	59.4	x	
	Electro-Chemical Processes		48.1						
	Other Process Use		17.3	Х	96.2	30.2	28.1	Х	
	Direct Uses-Total Nonprocess		12.1	0.5	27.9	13.4	26.7	Х	
	Facility HVAC (g)		15.0	0.5	60.6	13.0	69.7	X	
	Facility Lighting		11.6						- -
	Other Facility Support Onsite Transportation		15.5 24.4	X	0.1 32.3	60.9 X	0.1 22.2	X	
	Conventional Electricity Generation		Z4.4 	X	17.0	X	X X	x	
	Other Nonprocess Use		52.7	X	60.3	X	64.8	X	
	End Use Not Reported	37.6	61.1	Х	X	0.3	8.1	X	40.1
214	TEXTILE PRODUCT MILLS								
314	TEATILE PRODUCT MILES								
	TOTAL FUEL CONSUMPTION	11.8	9.0	0.1	18.8	16.6	50.0	9.7	44.2
	Indirect Uses-Boiler Fuel		28.6	0.1	18.4	21.3	17.9	9.7	
	Conventional Boiler Use CHP and/or Cogeneration Process		28.6	0.1	28.9 0.1	31.5 18.1	42.5 0.1	31.1 7.2	
	Direct Uses-Total Process		10.3	X	37.6	14.9	40.3	X	
	Process Heating		13.0	Х	0.1	15.2	46.6	Х	
	Process Cooling and Refrigeration		18.3	X	X	X	X	X	
	Machine Drive		11.4	X	79.6	81.0	99.4	X	
	Electro-Chemical Processes		3.6						
	Other Process Use Direct Uses-Total Nonprocess		36.0 13.6	X	0.1 28.6	40.0 42.7	62.3 28.8	X X	
	Facility HVAC (g)		17.1	x	0.1	43.2	71.3	X	
	Facility Lighting		13.5						
	Other Facility Support		27.6	Х	0.1	36.6	0.1	Х	
	Onsite Transportation		15.2		38.7	X	32.6		
	Conventional Electricity Generation			X	45.2	X	X	X	- -
	Other Nonprocess Use End Use Not Reported	43.9	82.7 97.8	X	0.1 94.3	0.1	84.7 89.9	X X	44.2
			3,.0		33	0.1			
315	APPAREL								
	TOTAL FUEL CONSUMPTION	9.1	9.3	Х	68.9	12.8	56.8	X	0.2
	Indirect Uses-Boiler Fuel		27.9	Х	50.6	16.6	76.0	Х	
	Conventional Boiler Use		27.9	X	50.6	14.1	X	X	
	CHP and/or Cogeneration Process			X	X	29.5	76.0	X	- -
	Direct Uses-Total Process		10.8	x	67.6	18.0	60.7	X	
	Process Heating Process Cooling and Refrigeration		24.2	x	x	39.7 X	76.0 X	X	
	Machine Drive		11.7	^ X	x	13.9	^ X	x	
	Electro-Chemical Processes		76.1						
	Other Process Use		X	Х	67.6	0.1	96.8	Х	
	Direct Uses-Total Nonprocess		11.9	Х	70.4	27.0	81.3	X	
	Facility HVAC (g)	**	14.0	X	70.9	27.0	96.5	X	
	Facility Lighting		15.1	 	v	 	 		
	Other Facility Support Onsite Transportation		11.8 31.0	X	1.4	65.3 X	78.4	X	
	Conventional Electricity Generation		31.0	X	X X	X	78.4 X	x	
	Other Nonprocess Use		X	X	X	X	X	X	
	End Use Not Reported	26.6	68.7	Х	Х	13.7	0.1	X	0.2

Indirect Uses-Folial Faul	16 LEATHER AND ALLIED PRODUCTS								
Marche Laber Paris	TOTAL FILE CONSUMPTION	47	7.4	67.2	12.4	5.4	8.8		4.0
Conventional felicient Loss Gall and Conventional Section Gall and Conventional Section Gall and Conventional Section From Co									
Process Section Process Se						32.3		Х	
Prozes betatrey	CHP and/or Cogeneration Process			78.4	0.1	9.8	X	X	
Monte Deling and Refigeration									
National Profess -									-
Part Control Princes									
Content cont									
Prince 1987									
Final Psychogen									
Other Inchiny Support	Facility HVAC (g)		9.8	х	15.9	11.9	23.6	Х	
Contest Transportation	Facility Lighting		8.9						
Convertional Electricity Gircentrols									
Control None Net Reproace 1									
### First Note Neparted 11.1 31.0 X X 10.8 \$5.2 X ### WOOD PRODUCTS 11.2 X X X X X X X X X									
### WOOD PRODUCTS **TOTAL PUBL CONSUMPTION*** **TOTAL PUBL CONSUMPTION** **TOTAL PUBL CONSUMPTION*** **TOTAL PUBL CONSUMPTION** **TOT									4.0
TOTAL FUEL CONSUMPTION						10.0			
Indicect Use-holder Number	21 WOOD PRODUCTS								
Indirect Use-holier heal	TOTAL FUEL CONSUMPTION	9.5	11.9	0.1	9.7	3.9	8.9	0.1	11.0
Cip and/or Cagementain Process -									
Direct User-Total Process -									
Process Heating — 3.9 0.1 167 5.4 13.2 0.1 Process Cooling and Refrigeration — 9.2 X 60 0.1 X X Machine Drive — 12.9 0.1 15.4 17.9 38.6 X Other Process Us — 16.1 0.1 7.5 0.1 45.5 X Direct User-Total Progress — 15.2 X 8.0 10.3 11.5 X Facility Lighting — 29.6 X 17.5 10.7 37.1 X Other Facility Support — 7.9 X 15.2 18.8 68.4 X Conventional Electricity Conesistion — — 13.3 — 8.3 21.9 10.2 — Conventional Description Generation — — X 11.5 8.5 0.2 X Table User Total Functional Contract Contractions Contract Contractions Contract Contractional Contractions Contract Contractional Contractions Contract Contraction	CHP and/or Cogeneration Process			X	35.7	11.1	49.7	0.1	
Process Cooling and Referentation - 9.2 X 69.0 0.1 X X X	Direct Uses-Total Process								
Mechine Direc - 129									
Electro-Chemical Process - 13.3 - - - - - -									
Other Process Use									
Direct Uses-Total Nonprocess - 15.2 x 8.0 10.3 11.5 x Facility Lighting - 4.2 - - - - Other Facility Lighting - 4.2 - - - - Other Facility Lighting - 4.2 - - - - Other Facility Support - 7.9 x 15.2 19.8 68.4 x Omitte Transportation - 13.3 - 8.3 21.9 10.2 - Conventional Electricity Generation - 11.7 x 38.9 0.1 36.9 x Other Nonprocess Use - 11.7 x 38.9 0.1 36.9 x End Use Not Reported 10.9 13.2 x 63.5 50.6 35.2 x 221113 Sawmits									
Facility HVAC [g]									
Facility Lighting									
Onste Transportation									
Conventional Electricity Generation	Other Facility Support		7.9	X	15.2	19.8	68.4	X	
Other Nonprocess Use	Onsite Transportation		13.3		8.3	21.9	10.2		
End Use Not Reported 10.9 13.2 X 63.5 59.6 35.2 X									
TOTAL FUEL CONSUMPTION 1.3 3.6 0.1 12.1 3.0 11.0 0.1									11.0
Indirect Uses-Poller Fuel	321113 Sawmills								
Indirect Uses-Poller Fuel									
Conventional Boller Use	TOTAL FUEL CONSUMPTION	1.3	3.6	0.1	12.1	3.0	11.0	0.1	1.3
CHP and/or Cogeneration Process	Indirect Uses-Boiler Fuel		17.3	X	1.0	6.1	21.7	X	
Direct Uses-Total Process	Conventional Boiler Use		17.3						
Process Heating									
Process Cooling and Refrigeration - 2,7 X X X X X X X X X X X X X X X X Machine Drive - 4,2 0,1 11,2 8,3 17,0 X									
Machine Drive									
Electro-Chemical Processes									
Direct Uses-Total Nonprocess									
Facility HVAC (g)	Other Process Use		1.5	Х	31.3	Х	4.5	Х	
Facility Lighting	Direct Uses-Total Nonprocess		6.2	X	5.1	4.7	3.8	X	
Other Facility Support				X	21.6	5.3	11.3	X	
Onsite Transportation									
Conventional Electricity Generation									
Other Nonprocess Use									
End Use Not Reported 1.4 13.0 X 79.4 X 38.2 X Veneer, Plywood, and Engineered Woods TOTAL FUEL CONSUMPTION 2.2 4.8 X 8.5 4.1 5.1 0.1 Indirect Uses-Boiler Fuel - 0.4 X 7.1 1.8 0.8 0.1 Conventional Boiler Use - 0.4 X 0.1 2.2 0.1 0.1 CHP and/or Cogeneration Process - X 63.8 2.6 0.8 0.1 Direct Uses-Total Process - 5.1 X 6.2 5.0 15.3 X Process Heating - 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration - 0.6 X X X X X X X X X X X X X X X X X X X									
TOTAL FUEL CONSUMPTION 2.2 4.8 X 8.5 4.1 5.1 0.1 Indirect Uses-Boiler Fuel 0.4 X 7.1 1.8 0.8 0.1 Conventional Boiler Use 0.4 X 0.1 2.2 0.1 0.1 CHP and/or Cogeneration Process X 63.8 2.6 0.8 0.1 Direct Uses-Total Process 5.1 X 6.2 5.0 15.3 X Process Heating 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration 0.6 X X X X X Machine Drive 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes 1.5									1.3
Indirect Uses-Boiler Fuel 0.4 X 7.1 1.8 0.8 0.1 Conventional Boiler Use 0.4 X 0.1 2.2 0.1 0.1 CHP and/or Cogeneration Process X 63.8 2.6 0.8 0.1 Direct Uses-Total Process 5.1 X 6.2 5.0 15.3 X Process Heating 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration 0.6 X X X X X Machine Drive 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes 1.5 <t< td=""><td>Veneer, Plywood, and Engineered Woods</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Veneer, Plywood, and Engineered Woods								
Indirect Uses-Boiler Fuel 0.4 X 7.1 1.8 0.8 0.1 Conventional Boiler Use 0.4 X 0.1 2.2 0.1 0.1 CHP and/or Cogeneration Process X 63.8 2.6 0.8 0.1 Direct Uses-Total Process 5.1 X 6.2 5.0 15.3 X Process Heating 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration 0.6 X X X X X Machine Drive 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes 1.5 <t< td=""><td></td><td>22</td><td>4.0</td><td></td><td></td><td></td><td>F.4</td><td></td><td></td></t<>		22	4.0				F.4		
Conventional Boiler Use 0.4 X 0.1 2.2 0.1 0.1 CHP and/or Cogeneration Process X 63.8 2.6 0.8 0.1 Direct Uses-Total Process 5.1 X 6.2 5.0 15.3 X Process Heating 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration 0.6 X X X X X Machine Drive 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes 1.5									1.7
CHP and/or Cogeneration Process - - X 63.8 2.6 0.8 0.1 Direct Uses-Total Process - 5.1 X 6.2 5.0 15.3 X Process Heating - 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration - 0.6 X X X X X X Machine Drive - 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes - 1.5 - - - - - -									
Direct Uses-Total Process - 5.1 X 6.2 5.0 15.3 X Process Heating - 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration - 0.6 X X X X X Machine Drive - 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes - 1.5 - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Process Heating - 1.1 X 22 5.8 19.4 X Process Cooling and Refrigeration - 0.6 X			5.1						-
Machine Drive - 5.7 X 0.1 1.2 36.4 X Electro-Chemical Processes - 1.5 - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>X</td><td></td></td<>								X	
Electro-Chemical Processes 1.5 <t< td=""><td>Process Cooling and Refrigeration</td><td></td><td></td><td></td><td>Х</td><td></td><td>X</td><td></td><td></td></t<>	Process Cooling and Refrigeration				Х		X		
Other Process Use 3.9 X 0.1 0.1 7 X	Flectro-Chemical Processes		1.5						

	Direct Uses-Total Nonprocess		4.2	х	10.3	21.2	5.2	Х	
	Facility HVAC (g)		6.6	X	16.1	22.6	27.8	X	
	Facility Lighting		4.2						
	Other Facility Support		3.2	X	24.9	28.2	83.1	Х	
	Onsite Transportation		16.6		10	X	3.7		
	Conventional Electricity Generation			X	0.1	X	X	X	
	Other Nonprocess Use		0.1	X	52.6	0.1	0.1	X	
	End Use Not Reported	1.7	10	X	0.1	23.7	0.1	X	1.7
321219	Reconstituted Wood Products								
	TOTAL FUEL CONSUMPTION	3.5	7.1	X	5.5	4.6	11.1	0.1	2.9
	Indirect Uses-Boiler Fuel		0.1	X	0.1	0.1	0.1	0.1	
	Conventional Boiler Use		0.1	X	X	0.1	0.1	0.1	
	CHP and/or Cogeneration Process			X	0.1	0.1	0.1	0.1	
	Direct Uses-Total Process		7.4	X	0.1	5.5	20	X	
	Process Heating		0.5	X	0.1	6.5	22.2	X	
	Process Cooling and Refrigeration		0.3	X	X	X	X 22.4	X	
	Machine Drive		8.4	X	0.1	0.1	23.1	x	
	Electro-Chemical Processes Other Process Use		0.1 6.3	X	 X	0.1	0.1	X	
	Direct Uses-Total Nonprocess		6.5	X	6.3	7.1	15.4	x	
	Facility HVAC (g)		9.6	X	0.1	8.9	7.8	x	
	Facility Lighting		6.4	^_			7.8		
	Other Facility Support		2.6	X	50.6	0.1	85.4	x	
	Onsite Transportation		16.1		6.5	X	11.5		
	Conventional Electricity Generation			X	0.1	x	X X	X	
	Other Nonprocess Use		0.1	X	0.1	0.1	0.1	x	
	End Use Not Reported	2.8	0.1	X	X	X	X	x	2.9
3219	Other Wood Products								
	TOTAL FUEL CONSUMPTION	38.5	29.4	0.1	25.8	11.5	15.1	X	58.1
	Indirect Uses-Boiler Fuel		23.2	X	41.0	21.8	59.8	x	
	Conventional Boiler Use		23.2	X	42.9	22.0	58.6	X	
	CHP and/or Cogeneration Process			X	96.8	26.9	60.5	X	
	Direct Uses-Total Process		30.3	0.1	53.8	21.2	25.6	x	
	Process Heating		14.1	X	47.6	22.9	23.7	X	
	Process Cooling and Refrigeration		23.5	Х	69.0	0.1	Х	Х	
	Machine Drive		32.9	0.1	41.3	57.2	44.7	х	
	Electro-Chemical Processes		83.1						
	Other Process Use		24.8	X	81.8	94.2	64.6	X	
	Direct Uses-Total Nonprocess		29.0	X	30.5	13.0	19.8	X	
	Facility HVAC (g)		45.8	X	72.4	13.3	44.7	X	
	Facility Lighting		9.4					-	
	Other Facility Support		17.1	X	X	32.7	66.5	X	
	Onsite Transportation		19.2		32.6	22.5	19.8		
	Conventional Electricity Generation			X	59.8	96.6	45.3	X	
	Other Nonprocess Use End Use Not Reported	57.2	33.8 47.0	X	79.1 99.0	74.3	70.0 46.2	X	58.1
	Ena Use Not Reported	57.2	47.0	X	99.0	74.3	46.2	X	58.1
322	PAPER								
	TOTAL FUEL CONCUMENTON	0.2			0.0	4.4		0.4	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	0.3	1.7 4.9	0.1	0.8	1.1	9.0 34.7	0.1	0.1
	Conventional Boiler Use		4.9	0.1	8.1	4.5	34.7 X	0.1	
	CHP and/or Cogeneration Process		4.9	0.1	0.1	1.1	34.7	0.1	
	Direct Uses-Total Process		1.6	0.1	5.5	2.2	14.2	0.1	
	Process Heating		10.0	0.1	12.5	2.6	15.9	0.1	
	Process Cooling and Refrigeration		8.0	X	X X	0.1	X X	X	
	Machine Drive		1.7	0.1	3.7	1.0	0.1	0.1	
	Electro-Chemical Processes		0.4						
	Other Process Use		2.7	X	4.0	6.0	49.8	0.1	
	Direct Uses-Total Nonprocess		5.0	0.1	0.1	5.2	8.0	0.1	
	Facility HVAC (g)		8.0	0.1	0.1	6.6	19.6	0.1	
	Facility Lighting		3.6						
	Other Facility Support		5.5	х	39.5	6.0	19.8	X	
	Onsite Transportation		15.7		0.1	65.7	8.3		
	Conventional Electricity Generation			0.1	12.0	1.0	92.3	0.1	
	Other Nonprocess Use		62.9	0.1	0.3	50.4	6.0	X	
	End Use Not Reported	0.1	13.8	0.1	4.7	97.4	54.5	0.1	0.1
322110	Pulp Mills								
	TOTAL FUEL CONSUMPTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	0.0	0.0	0.0	0.0	0.0	

	Conventional Boiler Use		0.0	Х	0.0	Х	х	Х	
	CHP and/or Cogeneration Process			0.0	0.0	0.0	0.0	0.0	
	Direct Uses-Total Process		0.0	0.0	0.0	0.0	0.0	X	
	Process Heating		0.0	0.0	0.0	0.0	0.0	X	-
	Process Cooling and Refrigeration		0.0	X	X	X X	X	X	
	Machine Drive Electro-Chemical Processes		0.0 X		0.0		X	X	
	Other Process Use		x	X	X	X	X	X	
	Direct Uses-Total Nonprocess		0.0	X	0.0	0.0	0.0	X	
	Facility HVAC (g)		0.0	Х	х	0.0	0.0	Х	
	Facility Lighting		0.0						
	Other Facility Support		0.0	X	X	0.0	0.0	X	
	Onsite Transportation		0.0		0.0	X	0.0		
	Conventional Electricity Generation Other Nonprocess Use		x	X	x	х х	X	X	
	End Use Not Reported	0.0	x	X	X	x	0.0	x	0.0
322121	Paper Mills, except Newsprint								
	TOTAL FUEL CONSUMPTION	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Indirect Uses-Boiler Fuel		0.1	0.1	0.1	0.1	0.1	0.1	
	Conventional Boiler Use		0.1	0.1	0.1	0.1	X	0.1	
	CHP and/or Cogeneration Process			0.1	0.1	0.1	0.1	0.1	
	Direct Uses-Total Process		0.1	0.1	0.1	0.1	0.1	0.1	
	Process Heating Process Cooling and Refrigeration		0.1	V.1	V.1	0.1	X X	V.1	
	Machine Drive		0.0	0.1	0.1	0.1	0.1	0.1	
	Electro-Chemical Processes		0.1						
	Other Process Use		0.1	X	0.1	0.1	X	0.1	
	Direct Uses-Total Nonprocess		0.1	0.1	0.0	0.1	0.1	0.1	
	Facility HVAC (g)		0.1	0.1	0.1	0.1	0.1	0.1	
	Facility Lighting		0.1	X	0.1	0.1	0.1	X	
	Other Facility Support Onsite Transportation		0.1		0.1	0.1	0.1	<u>-</u>	
	Conventional Electricity Generation			0.1	0.1	0.1	X	0.1	
	Other Nonprocess Use		Х	0.1	0.1	0.1	0.1	Х	
	End Use Not Reported	0.1	Х	X	0.1	Х	0.1	0.1	0.1
322122	Newsprint Mills								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	X	0.0	0.0	X	0.0	
	Conventional Boiler Use CHP and/or Cogeneration Process		0.0	X	0.0	0.0	X	0.0	
	Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	X	
	Process Heating		0.0	Х	Х	0.0	0.0	Х	
	Process Cooling and Refrigeration		0.0	X	х	х	X	Х	
	Machine Drive		0.0	X	0.0	X	X	X	
	Electro-Chemical Processes		0.0						
	Other Process Use		0.0	X	0.0	0.0	X	X	
	Direct Uses-Total Nonprocess Facility HVAC (g)		0.0	X	0.0 X	0.0	0.0	X	
	Facility Lighting		0.0						
	Other Facility Support		0.0	X	x	0.0	X	X	
	Onsite Transportation		0.0		0.0	Х	0.0		
	Conventional Electricity Generation			X	Х	X	X	X	
	Other Nonprocess Use		X	X	0.0	X	X	X	
	End Use Not Reported	0.0	0.0	X	X	X	X	x	0.0
322130	Paperboard Mills								
	TOTAL FUEL CONSUMPTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	0.0	0.0	0.0	0.0	0.0	
	Conventional Boiler Use		0.0	0.0	0.0	0.0	X	0.0	
	CHP and/or Cogeneration Process			0.0	0.0	0.0	0.0	0.0	
	Direct Uses-Total Process		0.0	0.0	0.0	0.0	0.0	0.0	-
	Process Cooling and Refrigeration		0.0	0.0	0.0	0.0	0.0	0.0	
	Process Cooling and Refrigeration Machine Drive		0.0	X	0.0	0.0	0.0	X	
	Electro-Chemical Processes		0.0						
	Other Process Use		0.0	X	0.0	0.0	0.0	X	
	Direct Uses-Total Nonprocess		0.0	0.0	0.0	0.0	0.0	0.0	
	Facility HVAC (g)		0.0	0.0	0.0	0.0	0.0	X	
	Facility Lighting		0.0						
	Other Facility Support Onsite Transportation		0.0	X	0.0	0.0 X	0.0	X	
						x	0.0		
	Conventional Electricity Generation		0.0	0.0	0.0	0.0	X	0.0	

	Other Nonprocess Use End Use Not Reported	0.0	0.0	0.0	0.0	x	0.0	X	0.0
323	PRINTING AND RELATED SUPPORT								
	TOTAL FUEL CONSUMPTION	18.1	17.6	51.8	25.1	20.0	33.8	x	79.1
	Indirect Uses-Boiler Fuel		33.9	51.8	69.0	16.4	45.3	Х	
	Conventional Boiler Use		33.9	51.8	50.6	16.5	60.9	Х	
	CHP and/or Cogeneration Process	-		Х	72.0	32.8	65.0	Х	
	Direct Uses-Total Process		19.5	X	72.2	25.4	71.3	X	-
	Process Heating		15.0	X	X	27.2	77.9	X	
	Process Cooling and Refrigeration		24.9	X	X	98.2	X	X	
	Machine Drive		20.9	X	23.2	39.9	22.8	X	
	Electro-Chemical Processes		46.6						
	Other Process Use		26.6	X	84.7	69.4	66.1	X	
	Direct Uses-Total Nonprocess		15.9 21.0	X	27.9	26.5	26.9	X	
	Facility HVAC (g) Facility Lighting		13.9	X	72.0	28.3	43.5	X	
	Other Facility Support		14.1	x	81.4	19.8	71.3	x	
	Onsite Transportation		25.5		7.1	67.7	29.6		
	Conventional Electricity Generation			X	65.2	92.5	X	Х	
	Other Nonprocess Use		90.8	X	91.3	86.6	x	x	
	End Use Not Reported	40.8	59.9	X	X	49.5	77.6	X	79.1
324	PETROLEUM AND COAL PRODUCTS								
	- I Emolecimand Coal Models								
	TOTAL FUEL CONSUMPTION	0.1	0.1	5.2	1.7	0.3	0.2	0.1	0.1
	Indirect Uses-Boiler Fuel		0.3	0.1	2.0	0.1	0.6	0.1	
	Conventional Boiler Use		0.3	0.1	4.9	0.1	0.1	X	
	CHP and/or Cogeneration Process			0.1	1.3	0.2	1.6	0.1	
	Direct Uses-Total Process		0.1	6.7	3.7	0.4	0.2	0.1	
	Process Heating		3.6	4.1	6.8	0.5	0.1	Х	
	Process Cooling and Refrigeration		0.4	79	57.8	0.1	0.1	X	-
	Machine Drive		0.1	0.1	4.4	2.7	30.2	X	
	Electro-Chemical Processes		0.5						
	Other Process Use		4	61.5	14.6	0.3	3.7	0.1	
	Direct Uses-Total Nonprocess		0.5	0.1	1.1	2	6.6	0.1	
	Facility HVAC (g)		0.4	0.1	27.3	3.6	3	X	
	Facility Lighting		0.6						
	Other Facility Support		0.6	X	2.6	4.1	0.2	X	
	Onsite Transportation		21.9		1.1	40.2	9.3	 	
	Conventional Electricity Generation		2.1	X x	0.5	0.1 1.8	6.7	0.1	
	Other Nonprocess Use End Use Not Reported	0.1	1.4	0.1	1.1 17.6	0.2	0.1	X X	0.1
324110	Petroleum Refineries								
	TOTAL FUEL CONSUMPTION	0.1	0.1	0.1	0.1	0.1	0.1		
	Indirect Uses-Boiler Fuel							0.1	0.1
			0.1	0.1	0.1	0.1	0.1	0.1	
	Conventional Boiler Use		0.1	0.1	0.1	0.1	0.1	0.1	
	Conventional Boiler Use CHP and/or Cogeneration Process		0.1		0.1	0.1	0.1	0.1 X	
	Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		0.1	0.1				0.1	
	CHP and/or Cogeneration Process		0.1	0.1 X	0.1 0.1	0.1 0.1	0.1 0.1	0.1 X 0.1	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		0.1 0.1 1.1 0.4	0.1 X 0.1 0.1 X	0.1 0.1 0.1 0.1 X	0.1 0.1 0.2 0.2 0.2	0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		0.1 0.1 1.1 0.4 0.1	0.1 X 0.1 0.1 X	0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1	0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		0.1 0.1 1.1 0.4 0.1	0.1 X 0.1 0.1 X X	0.1 0.1 0.1 0.1 X 0.1	0.1 0.1 0.2 0.2 0.2 0.1	0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		0.1 0.1 1.1 0.4 0.1 0.1	0.1 X 0.1 0.1 X X X	0.1 0.1 0.1 0.1 X 0.1 	0.1 0.1 0.2 0.2 0.1 0.1 	0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		0.1 	0.1 X 0.1 0.1 X X X X	0.1 0.1 0.1 0.1 X 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		0.1 	0.1 X 0.1 0.1 X X X X X	0.1 0.1 0.1 0.1 X 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1	0.1 X 0.1 X X X X X X X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		0.1 	0.1 X 0.1 0.1 X X 	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1	0.1 X 0.1 X X X X X X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		0.1 	0.1 X 0.1 0.1 X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.3 X	0.1 X 0.1 0.1 X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 - 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.1 0.2 0.3 X	0.1 X 0.1 0.1 X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	
	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.3 X	0.1 X 0.1 0.1 X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 - 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2	0.1 X 0.1 0.1 X X X X X X X X X X X X	0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.3 X 0.1 0.1 0.1	0.1 X 0.1 0.1 X X X X X X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block TOTAL FUEL CONSUMPTION		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.3 X 0.1 0.1 0.1	0.1 X 0.1 0.1 X X X X X X X X X X 1.1 X X X X X X X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1 0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		0.1	0.1 X 0.1 0.1 X X X X X X X 13.5 X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1 0.1 0.1 5.6	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 6.7 X 0.1 0.1 6.7 4 7 4 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8	0.1 X 0.1 X X X X X X X X X X X X X	
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.3 X 0.1 0.1 0.1 0.1 0.4 4 4	0.1 X 0.1 0.1 X X X X X X X X 1 1 3.5 X X	0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1 0.1 0.1 5.6 7.3	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.5 0.1 0.1 0.1 0.1 0.1 0.1 6.7 X 0.1 0.1 6.7 X 0.1	0.1 X 0.1 X X X X X X X X X X X X X	0.1
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.3 X 0.1 0.1 0.1 0.1 4 4	0.1 X 0.1 0.1 X X X X X X X X X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1 0.1 1.1 2.5 7 3 12.3 7.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	0.1
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.3 X 0.1 0.1 0.1 0.1 0.1 0.3 3.6 4 4 4 3.7	0.1 X 0.1 0.1 X X X X X X X 13.5	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.1 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1 0.1 0.1 2.5 7 3 12.3 7.8 6.4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	0.1
324121	CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Asphalt Paving Mixture and Block TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		0.1 0.1 1.1 0.4 0.1 0.1 0.1 0.2 0.1 0.2 0.3 X 0.1 0.1 0.1 0.1 4 4	0.1 X 0.1 0.1 X X X X X X X X X X X X X X X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 0.1 0.2 0.2 0.2 0.1 0.1 0.1 1.1 2.5 6 X 0.1 0.1 0.1 0.1 1.1 2.5 7 3 12.3 7.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 0.1 X X X X X X X X X X X X X	0.1

	Electro-Chemical Processes		4.5						
	Other Process Use		1	61.5	14.1	5.6	13	X	
	Direct Uses-Total Nonprocess		5.4	0.1	3.9	8.9	26.9	X	
	Facility HVAC (g)		6.7	0.1	11.4	9.5	32.4	X	
	Facility Lighting		6.1						-
	Other Facility Support		4.7	X	3.9	11.9	11	X	
	Onsite Transportation		19.8	x	4.4	59.7 0.1	49.8 X		
	Conventional Electricity Generation Other Nonprocess Use		16.4	x	1.2 21.5	28.5	0.1	x	
	End Use Not Reported	22.7	36.4	X	54.8	42.2	42.4	x	26
	Ella osc Not Reported		30.4		34.0	72.2	72.7		
324122	Asphalt Shingle and Coating Materials								
	TOTAL FUEL CONSUMPTION	1.2	0.9	0.1	19.7	1.3	19.7	0.1	0.9
	Indirect Uses-Boiler Fuel		1.5	0.1	0.2	3	0.1	X	
	Conventional Boiler Use		1.5	X	6.9	2.3	0.1	X	
	CHP and/or Cogeneration Process			0.1	0.1	4	0.1	X	
	Direct Uses-Total Process		0.7	X	45.9	1.1	65.5	0.1	
	Process Heating Process Cooling and Refrigeration		7.3	X x	26.8 X	1.1 0.1	6.5 X	X	
	Machine Drive		0.5	X	68.7	0.1	79.6	x	
	Electro-Chemical Processes		0.1						
	Other Process Use		0.1	X	53.3	1.3	54.6	0.1	
	Direct Uses-Total Nonprocess		2.4	X	0.1	1.3	4	X	
	Facility HVAC (g)		0.7	Х	0.1	1.3	0.1	Х	
	Facility Lighting		4.4		-				
	Other Facility Support		2.9	X	0.1	2.3	0.1	X	
	Onsite Transportation		0.4		0.1	0.1	4.2		
	Conventional Electricity Generation			X	0.1	0.1	X	X	
	Other Nonprocess Use		X	X	5.4	76.6	0.1	X	
	End Use Not Reported	1.3	X	X	0.1	X	31.1	X	0.9
324199	Other Petroleum and Coal Products								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	X	0.0	0.0	0.0	X	
	Conventional Boiler Use		0.0	X	0.0	0.0	X	x	
	CHP and/or Cogeneration Process			X	0.0	0.0	0.0	X	
	Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	0.0	
	Process Heating		0.0	Х	0.0	0.0	0.0	X	
	Process Cooling and Refrigeration		0.0	Х	Х	Х	0.0	Х	
	Machine Drive		0.0	X	0.0	X	X	X	
	Electro-Chemical Processes		X						
	Other Process Use		0.0	X	0.0	X	0.0	0.0	
	Direct Uses-Total Nonprocess		0.0	X	0.0	0.0	0.0	0.0	
	Facility HVAC (g)		0.0	X	0.0	0.0	0.0	x	
	Facility Lighting		0.0	 V	 V				
	Other Facility Support Onsite Transportation		0.0	X	0.0	0.0 X	0.0	X	
	Conventional Electricity Generation			X	0.0	X	X	Х	
	Other Nonprocess Use		0.0	X	0.0	0.0	X	0.0	
	End Use Not Reported	0.0	X	Х	Х	Х	0.0	Х	0.0
325	CHEMICALS								
	TOTAL FUEL CONSUMPTION	1.7	1.9	4.8	4.2	1	6.5	3.3	6.2
	Indirect Uses-Boiler Fuel	-		4.8	7.7	1.5	8.9	2.4	
	Conventional Boiler Use CHP and/or Cogeneration Process			0.2 24.4	15.3 8.8	3.9 1.5	7 12.7	2.4	
	Direct Uses-Total Process		1.8	24.4	4.4	1.1	9.5	30.8	
	Process Heating		3.6	24.1	39.4	1.3	17	30.9	
	Process Cooling and Refrigeration		2.9	X	30.8	9.6	67.6	X	
	Machine Drive		2.4	X	3.6	2.1	39.9	70.3	
	Electro-Chemical Processes		1.3						
	Other Process Use		7.3	Х	6.1	4.2	11.2	X	
	Direct Uses-Total Nonprocess		4.4	0.1	7.3	4.0	14.3	25.8	
	Facility HVAC (g)		4.7	0.1	68.0	4.1	36.3	25.8	
	Facility Lighting		5.8						
	Other Facility Support		4.4	X	2.3	6.7	19.6	x	
	Onsite Transportation Conventional Electricity Generation		11.6	X	4.2 19.3	36.0 36.7	15.8 17.2	X	
	Other Nonprocess Use		17.4	x	6.2	34.3	42.6	x	
	End Use Not Reported	5.7	18.4	X	8.2	14.0	3.0	6.1	6.2
325110	Petrochemicals								

TOTAL FUEL CONSUMPTION	0.1	0.1	х	0.1	0.1	0.3	х	0.1
Indirect Uses-Boiler Fuel		0.1	Х	0.1	0.1	0.1	X	
Conventional Boiler Use		0.1	Х	0.1	0.1	0.1	X	
CHP and/or Cogeneration Process			X	0.1	0.1	0.1	X	
Direct Uses-Total Process		0.1	X	0.1	0.1	0.1	X	
Process Heating		0.1	X	X	0.1	0.1	X	-
Process Cooling and Refrigeration		0.1	X	X	0.1	X	x	
Machine Drive Electro-Chemical Processes		0.1 0.1	······	0.1	0.1	0.1		
Other Process Use		X	X	0.1	0.1	0.1	X	
Direct Uses-Total Nonprocess		0.2	X	0.1	0.1	76.5	X	
Facility HVAC (g)		0.3	X	0.1	0.1	85.3	X	
Facility Lighting		0.1						
Other Facility Support		0.2	X	0.1	0.1	X	x	
Onsite Transportation		0.1		0.1	X	72.5		
Conventional Electricity Generation			X	0.1	X	X	X	
Other Nonprocess Use	0.1	0.1	X	0.1	0.1 X	0.1	x	0.1
End Use Not Reported	0.1	X	········	0.1	^	0.1	^	0.1
325120 Industrial Gases								
TOTAL FUEL CONSUMPTION	4.5	6.9	X	37.8	1.4	50.2	X	0.1
Indirect Uses-Boiler Fuel		0.3	Х	7.2	6.8	73.7	X	
Conventional Boiler Use		0.3	X	0.1	0.5	X	X	
CHP and/or Cogeneration Process			X	30.0	15.0	73.7	X	
Direct Uses-Total Process		6.8	X	5.9	1.9	X	X	
Process Heating Process Cooling and Refrigeration		13.0 8.6	X	19.5 57.0	3.8 19.1	X	x	
Machine Drive		7.1	<u>x</u>	0.2	0.8	X	X	
Electro-Chemical Processes		24.5						
Other Process Use		X	Х	Х	0.8	X	x	
Direct Uses-Total Nonprocess		8.9	х	55.5	0.2	56.3	X	
Facility HVAC (g)		2.9	X	88.5	0.2	34.2	X	
Facility Lighting		8.4						
Other Facility Support		25.7	X	19.1	36.3	37.3	x	
Onsite Transportation		76.4		66.2	51.1	64.4		
Conventional Electricity Generation Other Nonprocess Use		 85.4	X	13.9	X X	X	x	
End Use Not Reported	0.1	0.1	X	X X	^	85.9	<u>x</u>	0.1
325180 Other Basic Inorganic Chemicals								
325180 Other Basic Inorganic Chemicals TOTAL FUEL CONSUMPTION	1.6	1.9	X	3.0	3,2	14.5	0.1	0.5
325180 Other Basic Inorganic Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	1.6	1.9	X	3.0 13.5	3.2	14.5 21.7	0.1	0.5
TOTAL FUEL CONSUMPTION								
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		18.4	Х	13.5	3.8	21.7	0.1	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		18.4 18.4 1.6	X X X	13.5 17.7 20.9 19.2	3.8 5.4 5.1 3.9	21.7 83.1 22.0 19.3	0.1 0.1 0.1 0.1	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		18.4 18.4 1.6 7.3	X X X X	13.5 17.7 20.9 19.2 39.5	3.8 5.4 5.1 3.9 7.5	21.7 83.1 22.0 19.3 19.4	0.1 0.1 0.1 0.1 0.1	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		18.4 18.4 1.6 7.3 2.9	X X X X X	13.5 17.7 20.9 19.2 39.5 0.1	3.8 5.4 5.1 3.9 7.5 14.5	21.7 83.1 22.0 19.3 19.4 X	0.1 0.1 0.1 0.1 0.1 0.1	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		18.4 18.4 - 1.6 7.3 2.9 4.2	x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1	3.8 5.4 5.1 3.9 7.5 14.5 3.2	21.7 83.1 22.0 19.3 19.4 X	0.1 0.1 0.1 0.1 0.1 0.1 X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		18.4 18.4 1.6 7.3 2.9 4.2	x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1	3.8 5.4 5.1 3.9 7.5 14.5 3.2	21.7 83.1 22.0 19.3 19.4 X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5	x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 - 0.1	3.8 5.4 5.1 3.9 7.5 14.5 3.2	21.7 83.1 22.0 19.3 19.4 X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		18.4 18.4 1.6 7.3 2.9 4.2	x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1	3.8 5.4 5.1 3.9 7.5 14.5 3.2	21.7 83.1 22.0 19.3 19.4 X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		18.4 18.4 - 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 - 0.1 2.1	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3	0.1 0.1 0.1 0.1 0.1 X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		18.4 18.4 - 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 32.4	21.7 83.1 22.0 19.3 19.4 X 0.1 - 0.1 15.3 47.1 - 42.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9	X X X X X X X X X X X	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 32.4 X	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 232.4 X	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 232.4 X	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HYAC (g) Facility HyAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 232.4 X X X X X X	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 23.2,4 X X X X 3.8	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X X X X X X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		18.4 18.4 - 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 - 0.1 51.0	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X X 3.8 5.7	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X 2 X X X X X 2 X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X X 3.5 5.7	21.7 83.1 22.0 19.3 19.4	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X C C X X X X C C X X X X C C C X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		18.4 18.4 - 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 - 0.1 51.0	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X X 3.8 5.7	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4	0.1 0.1 0.1 0.1 0.1 0.1 X X X X X X X X X X 2 X X X X X 2 X X X X	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0 3.6 10.5 10.5	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 32.4 X X X X 52.7 3.8 5.7 10.1 5.9	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HYAC (g) Facility HYAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		18.4 18.4 18.4 - 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 - 0.1 51.0 3.6 10.5 10.5	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X 52.7 3.8 5.7 10.1 5.9 2.7	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4 8.6 X X X X 0.1	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Process Heating Process Cooling and Refrigeration Machine Drive		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0 3.6 10.5 10.5 3.7 5.0 6.0 3.5	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 2.2 32.4 X X X X 10.1 5.9 2.7 3.0	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4 8.6 X X X X 0.1 X	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0 3.6 10.5 10.5 3.7 5.0 6.0 3.5	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X 25.8 X X X 43.0 X X 43.0	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X 52.7 3.8 5.7 10.1 5.9 2.7 3.0 0.1 29.1	21.7 83.1 22.0 19.3 19.4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Eighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		18.4 18.4 18.4 - 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 - 0.1 51.0 3.6 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.1 32.4	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X 25.8 X X X 43.0 X X X 43.0 X X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 11.0 2.4 X X X 3.2 3.8 5.7 10.1 5.9 2.7 3.0 0.1 29.1 13.7	21.7 83.1 22.0 19.3 19.4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HYAC (g) Facility HYAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0 3.6 10.5 10.5 10.5 3.7 5.0 6.0 3.5 10.1 32.4 7.9	X X X X X X X X X X X X X X X X X X X	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X 25.8 X X X X 43.0 X X 43.0 X X X 43.0 X X X 43.0 X X X 43.0 X X X X 43.0 X X X X X 43.0 X X X X X X X X X X X X X X X X X X X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X 52.7 3.8 5.7 10.1 5.9 2.7 3.0 0.1 29.1 13.7 5.0	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4 8.6 X X X X X 0.1 X X 9.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		18.4 18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0 3.6 10.5 10.5 10.5 3.7 5.0 6.0 3.5 10.1 32.4 7.9 12.4	x x x x x x x x x x x x x x x x x x x	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X 25.8 X X X X 43.0 X 43.0 X X 24.2 X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X 52.7 3.8 5.7 10.1 5.9 2.7 3.0 0.1 29.1 13.7 5.0 5.9	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4 8.6 X X X X X 0.1 X X 9.8 71.6	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HYAC (g) Facility HyAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported 325193 Ethyl Alcohol TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		18.4 18.4 1.6 7.3 2.9 4.2 1.4 9.5 7.4 9.1 7.2 6.3 32.9 0.1 51.0 3.6 10.5 10.5 10.5 3.7 5.0 6.0 3.5 10.1 32.4 7.9	X X X X X X X X X X X X X X X X X X X	13.5 17.7 20.9 19.2 39.5 0.1 5.1 0.1 2.1 0.8 0.1 2.3 17.5 53.0 X 25.8 X X X X 43.0 X X 43.0 X X X 43.0 X X X 43.0 X X X 43.0 X X X X 43.0 X X X X X 43.0 X X X X X X X X X X X X X X X X X X X	3.8 5.4 5.1 3.9 7.5 14.5 3.2 0.1 11.0 11.0 32.4 X X X X 52.7 3.8 5.7 10.1 5.9 2.7 3.0 0.1 29.1 13.7 5.0	21.7 83.1 22.0 19.3 19.4 X 0.1 0.1 15.3 47.1 42.8 12.8 X 0.1 35.4 8.6 X X X X X 0.1 X X 9.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.5

	Onsite Transportation Conventional Electricity Generation		25.0		25.7	0.1	0.4		
	Other Nonprocess Use		X	X x	64.6	X 0.1	X	X	
	End Use Not Reported	3.3	36.1	X	0.1	53.1	0.1	0.1	6.
325194	Cyclic Crudes, Intermediate and Gum and Wood Chemicals								
	TOTAL FUEL CONSUMPTION	0.0	0.0	Х	0.0	0.0	0.0	X	0.0
	Indirect Uses-Boiler Fuel		0.0	X	0.0	0.0	X	Х	
	Conventional Boiler Use		0.0	X	0.0	0.0	X	X	
	CHP and/or Cogeneration Process Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	X X	
	Process Heating		0.0	X	X	0.0	0.0	x	
	Process Cooling and Refrigeration		0.0	Х	0.0	Х	X	Х	
	Machine Drive		0.0	X	0.0	X	X	X	
	Electro-Chemical Processes		0.0	 					
	Other Process Use Direct Uses-Total Nonprocess		0.0	X x	0.0	0.0	0.0	X	
	Facility HVAC (g)		0.0	X	0.0	0.0	0.0	х	
	Facility Lighting		0.0						
	Other Facility Support		0.0	X	X	0.0	0.0	X	
	Onsite Transportation Conventional Electricity Generation		0.0	X	0.0	X	0.0 X	X	
	Other Nonprocess Use		x	X	X	0.0	x	x	
	End Use Not Reported	0.0	0.0	X	X	X	X	X	0
25199	Other Basic Organic Chemicals								
	TOTAL FUEL CONSUMPTION	4.7	3.7	0.1	2.6	1.4	18.8	5.7	11.
	Indirect Uses-Boiler Fuel	4./	10.1	0.1	13.5	1.3	0.2	0.2	11.
	Conventional Boiler Use		10.1	0.1	16.8	2.5	0.1	15.3	
	CHP and/or Cogeneration Process			X	0.1	1.7	74.2	0.1	
	Direct Uses-Total Process		2.5	X	1.3	2.6	23.1	X	
	Process Heating Process Cooling and Refrigeration		11.2 4.4	X	0.2 X	3.4 34.9	24.5 74.2	X	
	Machine Drive		2.6	X	0.1	0.2	43.2	x	
	Electro-Chemical Processes		0.4						
	Other Process Use		13.6	X	11.1	4.0	0.1	X	
	Direct Uses-Total Nonprocess		13.0 9.6	X	7.4 63.8	3.7	26.9 83.8	X X	
	Facility HVAC (g) Facility Lighting		18.0			3.7			
	Other Facility Support		5.8	X	1.3	3.7	46.2	Х	
	Onsite Transportation		32.1		14.3	44.1	22.6		
	Conventional Electricity Generation			X	9.5	15.0	X	X	
	Other Nonprocess Use End Use Not Reported	11.3	46.2 36.2	X X	6.1 18.6	82.0 61.5	80.9 10.0	25.7	11
325211	Plastics Materials and Resins								
	TOTAL FUEL CONSUMPTION	1.6	3.7	17.8	5.0	0.8	4.4	32.4	2.
	Indirect Uses-Boiler Fuel		6.3	13.0	1.0	0.4	4.7	0.1	Z.
	Conventional Boiler Use		6.3	49.0	3.0	3.4	0.1	0.1	
	CHP and/or Cogeneration Process			0.1	0.1	0.3	9.5	X	
	Direct Uses-Total Process Process Heating		3.6 9.4	50.0 50.0	1.6 X	2.6 3.1	1.6 6.4	58.0 58.0	
	Process Cooling and Refrigeration		11.9	50.0 X	43.6	0.1	89.5	58.0 X	
	Machine Drive		4.1	X	1.6	0.3	65.1	х	
	Electro-Chemical Processes		5.1						
	Other Process Use		11	X	40.1	6.9	0.4	X	
	Direct Uses-Total Nonprocess Facility HVAC (g)		6.5 7.2	0.1	9.5 15.9	5.3 6.8	25 27.4	42.3	
	Facility Lighting		7.8						
	Other Facility Support		8.6	X	20.8	4.2	23.6	Х	
	Onsite Transportation		23.5		9.6	82.4	31.3		
	Conventional Electricity Generation Other Nonprocess Use		2	X	15 14.3	77.1 72.5	1.3	X X	
	End Use Not Reported	2.2	0.6	X	X X	0.1	1.1	X	2
325212	Synthetic Rubber								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	0.0	0.
	Indirect Uses-Boiler Fuel		0.0	x	0.0	0.0	0.0	0.0	
	Conventional Boiler Use		0.0	X	0.0	0.0	X	X	
	CHP and/or Cogeneration Process			X	0.0	0.0	0.0	0.0	
	Direct Uses-Total Process Process Heating		0.0	x	0.0	0.0	0.0 X	X X	

	Process Cooling and Refrigeration		0.0	Х	х	0.0	x	Х	
	Machine Drive		0.0	X	0.0	0.0	0.0	X	
	Electro-Chemical Processes		X						
	Other Process Use		Х	X	0.0	0.0	Х	X	
	Direct Uses-Total Nonprocess		0.0	Х	0.0	0.0	0.0	Х	
	Facility HVAC (g)		0.0	Х	х	0.0	0.0	Х	
	Facility Lighting		0.0						
	Other Facility Support		0.0	X	X	0.0	X	X	
	Onsite Transportation		0.0		0.0	X	0.0		
	Conventional Electricity Generation			X	0.0	X	X	X	
	Other Nonprocess Use		0.0	X	0.0	0.0	0.0	X	
	End Use Not Reported	0.0	0.0	X	0.0	X	0.0	X	0.0
220	Artificial and Synthetic Fibers and Filaments								
	TOTAL FUEL CONSUMPTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	0.0	0.0	0.0	0.0	0.0	
	Conventional Boiler Use		0.0	0.0	0.0	0.0	0.0	0.0	
	CHP and/or Cogeneration Process			X	0.0	0.0	X	0.0	
	Direct Uses-Total Process		0.0	0.0	0.0	0.0	0.0	0.0	
	Process Heating		0.0	0.0	0.0	0.0	0.0	0.0	
	Process Cooling and Refrigeration		0.0	X	X	0.0	X	X	
	Machine Drive		0.0	x	0.0	0.0	0.0	x	
	Electro-Chemical Processes		0.0						
	Other Process Use		0.0	X	x	0.0	0.0	x	
	Direct Uses-Total Nonprocess		0.0	x	0.0	0.0	0.0	x	
	Facility HVAC (g)		0.0	x	X	0.0	0.0	x	
	Facility Lighting		0.0						
	Other Facility Support		0.0	X	0.0	0.0	X	x	
	Onsite Transportation		0.0		0.0	0.0	0.0		
	Conventional Electricity Generation			X	0.0	X	X	x	
	Other Nonprocess Use		0.0	X	0.0	^x	0.0	x	
	End Use Not Reported	0.0	X	X	X	0.0	0.0	x	0.0
1	Nitrogenous Fertilizers								
	TOTAL FUEL CONSUMPTION	3.1	4.3	0.1	4.6	3.3	0.7	X	0.1
	Indirect Uses-Boiler Fuel		1.4	0.1	Х	0.4	0.1	X	
	Conventional Boiler Use		1.4	Х	Х	0.2	X	Х	
	CHP and/or Cogeneration Process			0.1	Х	0.5	0.1	Х	
	Direct Uses-Total Process		5.2	Х	0.1	4.6	0.0	Х	
	Process Heating		0.2	X	0.1	5.1	0.0	X	
	Process Cooling and Refrigeration		0.2	X	0.1	0.1	X	X	
	Machine Drive		6.3	Х	0.1	0.1	X	Х	
	Electro-Chemical Processes		0.1						
	Other Process Use		0.1	Х	0.1	0.1	X	Х	
	Direct Uses-Total Nonprocess		4.3	X	5.9	29.5	14.2	Х	
	Facility HVAC (g)		2.3	X	X	32.3	5.2	X	
	Facility Lighting		7.2						
	Other Facility Support		4.0	Х	Х	19.5	Х	Х	
	Onsite Transportation		0.1		7.7	Х	14.5		
	Conventional Electricity Generation			X	0.1	x	X	x	
	Other Nonprocess Use		43.5	X	0.1	X	X	x	
	End Use Not Reported	0.1	0.0	X	X	0.1	0.1	X	0.1
12	Phosphatic Fertilizers								
	TOTAL FUEL CONSUMPTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel	U.U	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Conventional Boiler Use		0.0	V.0	X	0.0	X	X	
	CHP and/or Cogeneration Process			0.0	0.0	0.0	0.0	0.0	
	Direct Uses-Total Process		0.0	V.0	0.0	0.0	0.0	X	
	Process Heating		0.0	X	X	0.0	0.0	<u>x</u>	
	Process Cooling and Refrigeration		0.0	X	x	0.0	X	x	
	Machine Drive		0.0	X	0.0	X	x	x	
	Electro-Chemical Processes		X						
	Other Process Use			X	0.0	0.0	0.0	x	
	c		0.0	X	0.0	0.0	0.0	x	
	Direct Uses-Total Nonprocess		0.0	X	X	0.0	0.0	x	
	Direct Uses-Total Nonprocess	and the second s	0.0						
	Facility HVAC (g)		0.0						
	Facility HVAC (g) Facility Lighting		0.0		 V		v	v	
	Facility HVAC (g) Facility Lighting Other Facility Support		0.0	X	Х	0.0	X	x	
	Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		0.0 0.0	X	X 0.0	0.0 X	0.0		
	Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		0.0 0.0 	x x	0.0 X	0.0 X X	0.0 X	X	
	Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		0.0 0.0	X	X 0.0	0.0 X	0.0		

	TOTAL FUEL CONSUMPTION	4.7	11.3	X	31.9	2.5	23.2	0.1	0.2
	Indirect Uses-Boiler Fuel		4.4	Х	0.2	2.4	16.1	0.1	
	Conventional Boiler Use		4.4	Х	0.1	4.8	0.4	0.1	
	CHP and/or Cogeneration Process			X	1.9	1.2	20.6	0.1	
	Direct Uses-Total Process		11.7	X	35.4	3.3	23.1	X	
	Process Heating Process Cooling and Refrigeration		6.3	X	78.1 0.1	3.7 56.5	5.3 X	X	
	Machine Drive		14.3	^	0.1	47.6	0.1	<u>x</u>	
	Electro-Chemical Processes		2.3	-					
	Other Process Use		4	X	38.4	4.4	55.5	х	
	Direct Uses-Total Nonprocess		11.6	Х	64.3	11.1	35	0.1	
	Facility HVAC (g)		10.6	Х	82.8	12.3	25.7	0.1	-
	Facility Lighting		18						-
	Other Facility Support		3.1	X	19.7	3	8.8	X	
	Onsite Transportation		5		8	11.2	13.9		-
	Conventional Electricity Generation Other Nonprocess Use		8.3	X	2.9 9.9	41.3 8.3	1.3 66.5	X	
	End Use Not Reported	1.5	15.7	X	22	97.5	X X	x	0.2
						37.3			
325412	Pharmaceutical Preparation								
	TOTAL FUEL CONSUMPTION	1.4	1.9	x	36.8	1.5	25.5	0.1	0.2
	Indirect Uses-Boiler Fuel		7.4	X	0.2	1.1	40.1	0.1	-
	Conventional Boiler Use		7.4	X	0.1	1.6	0.4	0.1	-
	CHP and/or Cogeneration Process			X	1.3	1.5	83.8	0.1	
	Direct Uses-Total Process		1.7	X	37.4	4.1	26.8	X	
	Process Heating		2.5	X	78.1	4.1	5.3	X	
	Process Cooling and Refrigeration		2.1	X	0.1	0.9	X	X	
	Machine Drive Electro-Chemical Processes		2.1 4.4	X	0.1	47.6	0.1	X	
	Other Process Use		0.6	X	40.2	5.1	83.2	X	
	Direct Uses-Total Nonprocess		2.2	X	69.1	5.8	19.9	0.1	
	Facility HVAC (g)		2.3	X	82.8	6.5	28.9	0.1	-
	Facility Lighting		2.4						
	Other Facility Support		4.3	Х	23.3	2.6	11	X	
	Onsite Transportation		3.3		9.5	24.9	24.2		
	Conventional Electricity Congration								
	Conventional Electricity Generation			X	4.2	59.4	49.3	X	
	Other Nonprocess Use End Use Not Reported	 1.9	 11.1 15.7	X X X	4.2 0.2 X	59.4 12.1 97.5	49.3 0.1 X	X X X	
325992	Other Nonprocess Use		11.1	Х	0.2	12.1	0.1	Х	
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals	1.9	11.1 15.7	X	0.2 X	12.1 97.5	0.1 X	X	0.2
325992	Other Nonprocess Use End Use Not Reported		11.1	Х	0.2	12.1	0.1	Х	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION	1.9	11.1 15.7 0.7	XXX	0.2 X	12.1 97.5 3.2	0.1 X	XXX	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	1.6	11.1 15.7 0.7 0.1	X X 0	0.2 X 0.1 0.1	12.1 97.5 3.2 0.1	0.1 X 39.7 0.1	X X X	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	1.6	11.1 15.7 0.7 0.1 0.1	0 0 0 X	0.2 X 0.1 0.1 X	12.1 97.5 3.2 0.1 0.1	0.1 X 39.7 0.1 X	x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating	1.6 	11.1 15.7 0.7 0.1 0.1 0.9	0 0 0 X 0 X	0.2 X 0.1 0.1 X 0.1 X 0.1	12.1 97.5 3.2 0.1 0.1 0 13.7	0.1 x 39.7 0.1 x 0.1 0.1 0.1	X X X X X X X X X	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	1.6 1.6 	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8	0 0 0 x 0 x	0.2 X 0.1 0.1 0.1 0.1 0.1 X	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4	0.1 X 39.7 0.1 X 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive	1.6 	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3	X X X X X X X X X	0.2 X 0.1 0.1 X 0.1 X 0.1 X X	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processs	1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1	0 0 0 X 0 X 0 X X	0.2 X 0.1 0.1 X 0.1 0.1 X X X X	3.2 0.1 0.1 0 13.7 14.4 X 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 -	x x x x x x x x x x x x x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	1.6 	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1	X X X X O X X X X X X X X X X X X X X X	0.2 X 0.1 0.1 X 0.1 0.1 X X X	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 X	x x x x x x x x x x x x x x x x x x x	0.1
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processs	1.6 	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1	0 0 0 X 0 X 0 X X	0.2 X 0.1 0.1 X 0.1 0.1 X X X X	3.2 0.1 0.1 0 13.7 14.4 X 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 -	x x x x x x x x x x x x x x x x x x x	0.1
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess	1.6 	11.1 15.7 0.7 0.1 0.1 	X X X X X X X X X X X X X X X X X X X	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X X 0.1 X	3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.1
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)	1.9 1.6	11.1 15.7 0.7 0.1 0.1 	X X X 0 0 0 X X X X X X X X	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1	3.2 0.1 0.1 0.1 3.7 14.4 X 0.1 	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation	1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Transportation Conventional Electricity Generation	1.6 	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 X 0.1 X X 0.1 X 0.1 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use	1.9 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
325992	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Transportation Conventional Electricity Generation	1.6 	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 X 0.1 X X 0.1 X 0.1 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS	1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 X 0.1 0.1 X X X 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 X 0.1 0.1 X 0.1 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 0.1 0.1 0.1 70.6	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 0.1 X 0.1 0.1 0.1 0.1 1 0.1 1 1 1 1 1 1 1 1 1	x x x x x x x x x x x x x x x x x x x	0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 X 70.6 67.9	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.6 0.1 0.1 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 0.1 1.0.	X X X X X X X X X X X X X X X X X X X	0.1
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 0.1 0.1 X X 70.6 67.9 67.9	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 13.7 14.4 14.4 15.7 16.7 17.7 17.7 18.7 19.7	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 0.1 X 0.1 0.1 46.6	X X X X X X X X X X X X X X X X X X X	0.2 0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 0.1 X 70.6 67.9 67.9 X	12.1 97.5 3.2 0.1 0.1 0.1 0.1 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.2 0.1 0.3 0.4 0.4 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.7 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	0.2 0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use	1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 0.1 0.1 X X 70.6 67.9 67.9	12.1 97.5 3.2 0.1 0.1 0 13.7 14.4 X 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 13.7 14.4 14.4 15.7 16.7 17.7 17.7 18.7 19.7	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 X 0.1 0.1 0.1 X 0.1 0.1 46.6	X X X X X X X X X X X X X X X X X X X	0.2 0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1 0.1 4.4 1.6 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 X X 0.1 X 0.1 0.1 X 0.1 0.1 0.1 0.1 X 70.6 67.9 67.9 X 77	12.1 97.5 3.2 0.1 0.1 0.1 0 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	0.1
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1 0.1 1.6 0.1 0.1 0.1	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 0.1 X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0.1 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1 0.1 12.4 18.4 27.3 25.8 21.4 23.2	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	0.2 0.2 0.2 0.2 0.2 0.2 0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1 0.1 0.4	X X X X X X X X X X X X X X X X X X X	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 0.1 X X X 0.1 X X X X X X X X X X X X X X X X X X	12.1 97.5 3.2 0.1 0.1 0.1 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1 0.1 12.4 18.4 27.3 25.8 21.4 23.2 60.6	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	0.1
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1 0.1 0.1 1.6 1.6 1.7 1.19 9.9 56.2 53.6	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 X 0.1 0.1 0.1 X 70.6 67.9 67.9 X 77 79.4 X 41.5 X	12.1 97.5 3.2 0.1 0.1 0.1 0.1 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	0.2
	Other Nonprocess Use End Use Not Reported Photographic Film, Paper, Plate, and Chemicals TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported PLASTICS AND RUBBER PRODUCTS TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes	1.6 1.6	11.1 15.7 0.7 0.1 0.1 0.9 0.1 0.8 1.3 0.1 0.1 0.4 0.5 0.2 0.4 1.6 0.1 0.1 0.1 4.1 4.1 42.1 9.9 42.1 42.1 19.9 9.9 9.9 9.9 9.9 9.0 9.0 9.0	x x x x x x x x x x x x x x x x x x x	0.2 X 0.1 0.1 0.1 X 0.1 0.1 X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	12.1 97.5 3.2 0.1 0.1 0.1 0.1 13.7 14.4 X 0.1 0.1 0.6 0.6 0.4 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	0.1 X 39.7 0.1 X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	

	Facility Lighting		18.1						
	Other Facility Support		27.9	X	73.1	30.7	98.9	X	
	Onsite Transportation		23.7		37.2	73.7	14.7		
	Conventional Electricity Generation			X	50.6	X	X	X	
	Other Nonprocess Use		96.7	X	97	97.2	99	X	
	End Use Not Reported	38.3	67.6	X	0.1	98.8	38.1	X	58.2
327	NONMETALLIC MINERAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	2.2	3.6	5.6	16.9	4.1	14.9	0.9	1.1
	Indirect Uses-Boiler Fuel		9.7	79.8	78.4	20.2	48.8	0.1	
	Conventional Boiler Use		9.7	Х	85.6	17.2	66.5	X	
	CHP and/or Cogeneration Process			79.8	79.2	23.7	50.9	0.1	
	Direct Uses-Total Process		1.9	1.5	28.3	2.4	28.8	0.9	
	Process Heating		1.9	1.5	4.3	2.4	36.7	0.9	
	Process Cooling and Refrigeration		4.3	X	X	4.1	0.1	X 20.2	
	Machine Drive Electro-Chemical Processes		2.4 32.2	X	34.9	14.2	47.8	30.3	
	Other Process Use		12.7	X	71.4	3.2	82.9	x	
	Direct Uses-Total Nonprocess		6.1	^ 99	16.3	9.1	10.7	61.7	
	Facility HVAC (g)		8	99	26.5	9.7	27.6	61.7	
	Facility Lighting		5.4						
	Other Facility Support		7.6	x	13.9	13.1	69	X	
	Onsite Transportation		10.7		15.6	3.6	10.5		
	Conventional Electricity Generation			Х	18.1	0.2	0.1	Х	
	Other Nonprocess Use		14.8	Х	48.6	0.1	65.4	х	
	End Use Not Reported	11.2	65.5	X	27.3	55.4	45	0.1	1.1
327120	Clay Building Material and Refractories								
	TOTAL FUEL CONSUMPTION	2.9	1.8	59.3 X	8 v	3.3	4.7	3.2 X	1
	Indirect Uses-Boiler Fuel		22.1	x x	x	2.1	x	X	
	Conventional Boiler Use CHP and/or Cogeneration Process			x	X	4.7	X	x	
	Direct Uses-Total Process		1.8	^ 59.3	3.4	3.6	0.7	3.5	
	Process Heating		3.6	59.3	34.4	3.6	1.5	3.5	
	Process Cooling and Refrigeration		13.4	X	X	X	X	X	
	Machine Drive		1.9	X	7.9	0.1	2.2	X	
	Electro-Chemical Processes		34.7						
	Other Process Use		0.3	Х	0.5	0.9	0.1	Х	
	Direct Uses-Total Nonprocess		5.4	Х	9.7	3.3	4.2	X	
	Facility HVAC (g)		8.6	X	22.1	3.9	9.5	X	
	Facility Lighting		4.9						
	Other Facility Support		2.4	X	X	8.3	43.5	X	
	Onsite Transportation Conventional Electricity Generation		3.2	 	5	11.6	4.4		
	Other Nonprocess Use		86	X X	51.3 40.8	0.1	0.1 X	X	
	End Use Not Reported	0.4	0.1	x	0.1	0.1	33.0	0.1	1.0
327211	Flat Glass								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	Х	0.0
	Indirect Uses-Boiler Fuel		0.0	X	X	0.0	X	Х	
	Conventional Boiler Use		0.0	X	X	0.0	X	X	
	CHP and/or Cogeneration Process			X	X	X	X	X	
	Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	X	
	Process Gooling and Refrigoration		0.0	X	X	0.0	0.0	X	
	Process Cooling and Refrigeration Machine Drive		0.0	X x	0.0	0.0	X x	X	
	Electro-Chemical Processes		0.0	^				^	
	Other Process Use		0.0	X	0.0	0.0	0.0	X	
	Direct Uses-Total Nonprocess		0.0	X	0.0	0.0	0.0	X	
	Facility HVAC (g)		0.0	X	0.0	0.0	0.0	X	
	Facility Lighting		0.0						
	Other Facility Support		0.0	Х	Х	0.0	0.0	X	
	Onsite Transportation		0.0		0.0	Х	0.0		
	Conventional Electricity Generation			X	0.0	x	X	X	
	Other Nonprocess Use End Use Not Reported	0.0	0.0	X	0.0	0.0	X 	X X	0.0
327212	Other Pressed and Blown Glass and Glassware	0.0	0.0	X	0.0	0.0	0.0	X	0.0
	TOTAL FUEL CONSUMPTION	0.8	1.0	X	0.1	0.9	0.5	X	8.7
	Indirect Uses-Boiler Fuel		0.1	X	0.1	0.1	X	X	
	Conventional Boiler Use CHP and/or Cogeneration Process		0.1	X X	0.1	0.5	x x	X X	
	and of cogniciation riocess			^	0.1	U.1	^	^	

	Direct Uses-Total Process		0.6	Х	0.1	1.0	0.3	х	
	Process Heating		0.6	Х	0.0	1.0	0.3	х	
	Process Cooling and Refrigeration		0.3	X	X	0.1	X	X	
	Machine Drive		1.4	X	0.1	0.1	0.1	X	
	Electro-Chemical Processes	-	0.1						
	Other Process Use		0.1	X	0.1	0.1	0.1	x	
	Direct Uses-Total Nonprocess Facility HVAC (g)		4.2 4.9	X x	0.2 X	4.1	0.5 0.1	X	
	Facility Lighting		4.5			4.3			
	Other Facility Support		3.9	x	X	0.9	Х	X	
	Onsite Transportation		0.3		0.3	0.1	0.6		
	Conventional Electricity Generation			Х	0.1	X	X	X	
	Other Nonprocess Use		X	Х	0.1	Х	0.1	Х	
	End Use Not Reported	8.4	X	X	X	X	18.4	X	8.7
327213	Glass Containers								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	x	0.0
	Indirect Uses-Boiler Fuel		0.0	Х	X	0.0	0.0	Х	
	Conventional Boiler Use		0.0	Х	Х	0.0	Х	Х	
	CHP and/or Cogeneration Process			Х	Х	0.0	0.0	X	
	Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	X	
	Process Heating	<u></u>	0.0	X	0.0	0.0	0.0	x	
	Process Cooling and Refrigeration		0.0	X	X	0.0	X	x	
	Machine Drive		0.0	X	0.0	0.0	0.0	x	
	Electro-Chemical Processes		0.0	 V	0.0				
	Other Process Use Direct Uses-Total Nonprocess		0.0	X	0.0	0.0	X 	X X	
	Facility HVAC (g)		0.0	x	0.0	0.0	0.0	x	
	Facility Lighting		0.0						
	Other Facility Support		0.0	X	Х	0.0	0.0	x	
	Onsite Transportation		0.0		0.0	X	0.0		
	Conventional Electricity Generation			Х	0.0	Х	Х	Х	
	Other Nonprocess Use		X	X	0.0	X	X	X	
	End Use Not Reported	0.0	X	X	X	X	0.0	X	0.0
327215	Glass Products from Purchased Glass								
32/213	Glass Products from Purchased Glass								
	TOTAL FUEL CONCURANTION								
	TOTAL FUEL CONSUMPTION	6.7	1.8	79.8	3.2	13.7	11.6	81.2	1.3
	Indirect Uses-Boiler Fuel	6.7	1.8 1.1	79.8 79.8	3.2 2.1	13.7 4.6	11.6 60.1	81.2 X	1.3
	Indirect Uses-Boiler Fuel Conventional Boiler Use			79.8 X	2.1 X	4.6 13.7	60.1 0.1	X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		1.1 1.1 	79.8 X 79.8	2.1 X 2.1	4.6 13.7 2.0	60.1 0.1 68.5	X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		1.1 1.1 2.0	79.8 X 79.8 X	2.1 X 2.1 32.7	4.6 13.7 2.0 9.5	60.1 0.1 68.5 1.3	X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		1.1 1.1 2.0 3.4	79.8 X 79.8 X	2.1 X 2.1 32.7 X	4.6 13.7 2.0 9.5 10.0	60.1 0.1 68.5 1.3	X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		1.1 1.1 - 2.0 3.4 1.4	79.8 X 79.8 X X	2.1 X 2.1 32.7 X	4.6 13.7 2.0 9.5 10.0 56.8	60.1 0.1 68.5 1.3 1.3	X X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		1.1 1.1 2.0 3.4 1.4 1.5	79.8 X 79.8 X	2.1 X 2.1 32.7 X	4.6 13.7 2.0 9.5 10.0	60.1 0.1 68.5 1.3	X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		1.1 1.1 2.0 3.4 1.4 1.5 7.0	79.8 X 79.8 X X X	2.1 X 2.1 32.7 X X 33.6	4.6 13.7 2.0 9.5 10.0 56.8 2.2	60.1 0.1 68.5 1.3 1.3 X 4.9	x x x x x x x x	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		1.1 1.1 2.0 3.4 1.4 1.5	79.8 X 79.8 X X X	2.1 X 2.1 32.7 X X 33.6	4.6 13.7 2.0 9.5 10.0 56.8 2.2	60.1 0.1 68.5 1.3 1.3 X 4.9	x x x x x x x x x x x x x x x x x x x	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		1.1 1.1 2.0 3.4 1.4 1.5 7.0	79.8 X 79.8 X X X X X	2.1 X 2.1 32.7 X X 33.6	4.6 13.7 2.0 9.5 10.0 56.8 2.2	60.1 0.1 68.5 1.3 1.3 X 4.9	x x x x x x x x	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2	79.8 X 79.8 X X X X X	2.1 X 2.1 32.7 X X 33.6 - 0.1 1.4	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7	X X X X X X X X X X X X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 - 0.1 1.4 X - X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7	X X X X X X X X X X X X X X X X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7	X X X X X X X X X X X X X X X X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1	X X X X X X X X X X X X X X X X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1	X X X X X X X X X X X X X X X X X X X	
	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1	X X X X X X X X X X X X X X X X X X X	
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1	X X X X X X X X X X X X X X X X X X X	
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HyAC (g) Facility Tighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1	X X X X X X X X X X X X X X X X X X X	
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	X X X X X X X X X X X X X X X X X X X	
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	X X X X X X X X X X X X X X X X 81.2 81.2 X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	x x x x x x x x x x x x x x x x x x x	1.3
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		1.1 1.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	x x x x x x x x x x x x x x x x x x x	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Gooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 - 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	X X X X X X X X X X X X X X X X 81.2 81.2 X X X X X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	X X X X X X X X X X X X X X X 81.2 81.2 7 X X X X X X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Gooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 - 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9	X X X X X X X X X X X X X X X X 81.2 81.2 X X X X X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3	79.8 X 79.8 X X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3 4 X X X X X X X X X X X X X X X X X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X X 0.1	X X X X X X X X X X X X X X S1.2 S1.2 S1.2 S1.2 S1.2 S1.2 S1.2 S1.2	1.3
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		1.1 1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3 0.9 1.8 0.9 1.8	79.8 X 79.8 X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X 2.6 3.9 0.1 1.3 6.4 X X X X X X X X X X X X X X X X X X X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1	60.1 0.1 68.5 1.3 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X X X X O.1 0.1 0.1	X X X X X X X X X X X X X X X S1.2 S1.2 S1.2 X X X 0.5 0.5 0.1 X 0.1 0.5 0.5 X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3 0.9 18.6 18.6 18.6 0.9 1.8 0.1 1.1 0.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 - 0.1 1.4 X - X 2.6 3.9 0.1 1.3 6.4 X X X X X X X X 14.5 3.2 X X 32.3 - 0.1	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	1.3
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		1.1 1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3 0.9 18.6 18.6 0.9 1.8 0.1 1.1 0.1 0.1 1.2	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3 6.4 X X X X X X 14.5 3.2 X 32.3 0.1 0.8	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X X 0.1 0.1 0.1 0.1 0.1 1.7	X X X X X X X X X X X X X X X S1.2 S1.2 S1.2 S1.2 S1.2 S1.2 S1.2 S1.2	1.3
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		1.1 1.1 1.1 2.0 3.4 1.4 1.5 7.0 8.2 2.2 2.4 2.0 4.2 1.5 11.7 0.3 0.9 18.6 18.6 0.9 1.8 0.1 1.1 0.1 1.1 0.1 0.1 0.1 0.1 0.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3 6.4 X X X X 4 14.5 3.2 X 32.3 0.1 0.8 0.1	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2 2.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X 31.2 81.2 X X X X X X X X X X X X X X X X X	1.3
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility HVAC (g) Facility Eighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X 2.6 3.9 0.1 1.3 4 X X X X X X X X X X X X 14.5 3.2 X 32.3 0.1 0.8 0.1	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2 2.5 X 2.2 2.5	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X X O.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0	X X X X X X X X X X X X X X X X X S1.2 S1.2 S1.2 S1.2 S1.2 S1.2 S1.2 S1.2	1.3
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3 6.4 X X X X X X 14.5 3.2 X 32.3 0.1 0.8 0.1 X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2 2.5 0.1	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation	0.6	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3 1.3 1.3 1.3 2.6 3.9 0.1 1.3 X X X X X X X X X X X X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2 2.5 0.1 X	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 - 0.1 1.4 X - X 2.6 3.9 0.1 1.3 6.4 X X X X 14.5 3.2 X X 32.3 - 0.1 0.8 0.1 - X 0.8	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2 2.5 0.1 X	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	1.1
327310	Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported Cements TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation	0.6	1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	79.8 X 79.8 X X X X X X X X X X X X X X X X X X	2.1 X 2.1 32.7 X X X 33.6 0.1 1.4 X X 2.6 3.9 0.1 1.3 1.3 1.3 1.3 2.6 3.9 0.1 1.3 X X X X X X X X X X X X	4.6 13.7 2.0 9.5 10.0 56.8 2.2 0.1 39.5 38.2 66.7 0.1 7.9 0.1 1.5 2.1 0.1 X 0.1 2.1 2.1 0.1 16.7 X 2.2 2.5 0.1 X	60.1 0.1 68.5 1.3 1.3 X 4.9 17.0 16.7 29.9 45.7 9.5 0.1 0.1 2.9 1.2 X X X 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	X X X X X X X X X X X X X X X X X X X	1.1

TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	0.0	
Indirect Uses-Boiler Fuel		0.0	X	X	X	X	X	
Conventional Boiler Use		0.0	X	X	X	X	X	
CHP and/or Cogeneration Process			X	Х	X	X	Х	
Direct Uses-Total Process		0.0	Х	0.0	0.0	0.0	0.0	
Process Heating		0.0	X	0.0	0.0	0.0	0.0	
Process Cooling and Refrigeration		0.0	X	X	X	X	X	
Machine Drive		0.0	X	0.0	X	0.0	X	
Electro-Chemical Processes		X						
Other Process Use		0.0	X	0.0	X	0.0	X	
Direct Uses-Total Nonprocess		0.0	X	0.0	0.0	0.0	X	
Facility HVAC (g)		0.0	X	X	0.0	0.0	X	
Facility Lighting Other Facility Support		0.0	X	X	0.0	X	X	
Onsite Transportation		0.0		0.0	X	0.0		
Conventional Electricity Generation			X	X	X	X	X	
Other Nonprocess Use		X	x	X	X	X	X	
End Use Not Reported	0.0	0.0	Х	0.0	X	0.0	Х	
120 Gypsum								
TOTAL FUEL CONSUMPTION	0.2	1.9	Х	0.1	0.1	1.4	х	
Indirect Uses-Boiler Fuel		0.1	X	0.1	0.1	X	X	
Conventional Boiler Use		0.1	X	0.1	0.1	X	X	
CHP and/or Cogeneration Process			X	X	0.1	X	X	
Direct Uses-Total Process		2.1	X	0.1	0.1	X	X	
Process Heating Process Cooling and Refrigeration		0.1 0.1	X	0.1 X	0.1 X	X	X	
Machine Drive		2.4	X	0.1	0.1	x	x	
Electro-Chemical Processes		X						
Other Process Use		X	X	0.1	X	X	X	
Direct Uses-Total Nonprocess		1.1	X	0.1	0.1	1.4	Х	
Facility HVAC (g)		1.5	X	0.1	0.1	0.1	X	
Facility Lighting		1.5						
Other Facility Support		0.1	X	0.1	0.1	0.1	X	
Onsite Transportation		0.1		0.1	X	1.4		
Conventional Electricity Generation			X	X	0.1	X	X	
Other Nonprocess Use End Use Not Reported	0.1	x	X	X	X X	X X	X X	
	0.1			^				
993 Mineral Wool								
TOTAL FUEL CONSUMPTION	1.1	0.6	x	8	0.8	3.8	X	
Indirect Uses-Boiler Fuel		0.9	X	0.1	0.8	X X	x	
Conventional Boiler Use		0.9	x	X	0.1	x	x	
CHP and/or Cogeneration Process			X	0.1	0.1	X	X	
Direct Uses-Total Process		0.6	X	0.1	0.6	0	X	
Process Heating		0.1	×	X	0.6	0.1	Х	
Process Cooling and Refrigeration		1.1	X	Х	0.1	0.1	X	
Machine Drive		1.3	Х	0	4.2	0.1	X	
Electro-Chemical Processes		0.1						
Other Process Use		0.1	X	0.1	0.1	0.1	X	
Direct Uses-Total Nonprocess		2.1	X	8.4	4.3	5.1	X	
Facility HVAC (g)		3.4	X	0.1	4.5	0.1	x	
Facility Lighting Other Facility Support		1.3 1.8		 0.1	2.9	0.1		
Other Facility Support Onsite Transportation		0.1	X	0.1 22.1	0.1	5.2	X	
Conventional Electricity Generation		U.1	X	0.1	X X	X X	X	
Other Nonprocess Use		0.1	^ X	0.1	0.1	57.4	x	
End Use Not Reported	13.8	0.1	X	X	0.1	0.1	X	
PRIMARY METALS								
TOTAL FUEL CONSUMPTION	0.5	1.2	0.1	0.8	0.6	2.5	0.1	
Indirect Uses-Boiler Fuel		3.2	0.1	0.1	0.8	12.6	X	
Conventional Boiler Use		3.2	0.1	0.1	2.7	0.1	X	
CHP and/or Cogeneration Process Direct Uses-Total Process		1.2	0.1	0.1	0.2 0.7	14.5 2.9	0.1	
Process Heating		1.6	0.1	0.4	0.7	3.4	0.1	
Process Cooling and Refrigeration		0.9	X X	13.5	0.5	0.1	X	
		3.4	0.1	0.4	12.5	2.6	X	
Machine Drive Electro-Chemical Processes		3.4 0.1	0.1	0.4	12.5	2.6	X	

Direct Uses-Total Nonprocess		1.8	0.1	1	0.9	3.9	х	
Facility HVAC (g)		1.9	0.1	10.6	1	12.4	X	
Facility Lighting		2.1						
Other Facility Support		2.4	X	11.2	0.6	2.9	X	
Onsite Transportation Conventional Electricity Generation		1.1	X	1.3	0.3 53.6	13.8	X	
Other Nonprocess Use		2.6	X	0.1	0.2	8.2	X	
End Use Not Reported	0.2	0.4	0.1	0.1	0.5	11.6	X	0.2
221110 Jon and Steel Mills and Formallaus								
331110 Iron and Steel Mills and Ferroalloys								
TOTAL FUEL CONSUMPTION	0.2	0.2	0.1	0.1	0.3	0.3	0.1	0.1
Indirect Uses-Boiler Fuel		1.8	0.1	X	1.2	0.1	X	
Conventional Boiler Use		1.8	0.1	Х	3.7	X	X	
CHP and/or Cogeneration Process			0.1	Х	0.1	0.1	X	
Direct Uses-Total Process		0.2	X	0.1	0.2	0.1	0.1	
Process Heating		0.1	X	0.1	0.3	0.1	0.1	
Process Cooling and Refrigeration Machine Drive		0.1	X	0.1	0.1	0.1	X X	
Electro-Chemical Processes		0.1						
Other Process Use		0.1	Х	0.1	0.1	0.1	0.1	
Direct Uses-Total Nonprocess		1.4	X	0.1	0.3	0.5	X	
Facility HVAC (g)		0.9	X	0.1	0.4	0.1	X	
Facility Lighting Other Facility Support		2.2 0.5	X	X	0.1	0.1	X	
Onsite Transportation		0.5	X	0.1	0.1	0.1	X	
Conventional Electricity Generation			Х	0.1	X	0.1	x	
Other Nonprocess Use		0.1	Х	0.1	0.1	0.1	X	
End Use Not Reported	0.1	0.1	0.1	0.1	0.1	0.1	X	0.1
3312 Steel Products from Purchased Steel								
TOTAL FUEL CONSUMPTION	10.1	18.7	X	6.2	5.8	13.8	X	
Indirect Uses-Boiler Fuel		3.5	X	0.1	5.2	0.1	X	
Conventional Boiler Use CHP and/or Cogeneration Process		3.5	X	0.1	7.5 7.5	0.1	X	
Direct Uses-Total Process		19.5	X	1	7.7	4.9		
Process Heating		1.5	x	0.1	2	3	X	
Process Cooling and Refrigeration		2.2	Х	97.5	31.6	X	X	
Machine Drive		29.3	X	0.1	85.8	10.3	X	
Electro-Chemical Processes Other Process Use		36.1 8.4	X	19.3	1.2	2.6	X	
Direct Uses-Total Nonprocess		13.9	^ X	6.8	8.2	9.9	^	
Facility HVAC (g)		11.1	X	46.9	8.6	68	X	
Facility Lighting		14.8						
Other Facility Support		26.3	X	X	6.4	3	X	
Onsite Transportation		9.5		6.6	0.1	8.7	 X	
Conventional Electricity Generation Other Nonprocess Use		73.6	X X	66.3 X	0.1	97.5 0.5	<u>^</u>	
End Use Not Reported	13.3	0.1	X	0.1	0.1	65.4	X	
3313 Alumina and Aluminum								
TOTAL FUEL CONSUMPTION	0.3	0.1	0.1	0.1	0.4	1.2	Х	
Indirect Uses-Boiler Fuel		1.1	0.1	X	1.2	2.8	X	
Conventional Boiler Use CHP and/or Cogeneration Process		1.1	0.1 X	X X	12.4	0.1 33.9	X	
Direct Uses-Total Process		0.1	0.1	0.1	0.2	0.9		
Process Heating		0.4	0.1	0.1	0.2	1.4	Х	
Process Cooling and Refrigeration		4.3	Х	0.1	16	X	X	
Machine Drive		0.3	X	0.1	0.4	1.5	X	
Electro-Chemical Processes Other Process Use		0.1	X	0.1	0.1	0.1	X	
Direct Uses-Total Nonprocess		1.4	0.1	0.1	1.2	2.6		
Facility HVAC (g)		1.4	0.1	0.1	0.4	5.1	Х	
Facility Lighting		1.5						
Other Facility Support		1.7	X	X	0.2	13.6	X	
Onsite Transportation Conventional Electricity Generation		7.3	X	0.1	0.2 83.1	2.7 X	X	
Other Nonprocess Use		0.1	x	0.1	83.1 X	0.1	x	
End Use Not Reported	0.2	4.6	X	0.1	0.1	1.1	X	
331314 Secondary Smelting and Alloying of A	Numinum							
TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	0.1	0.1 0.1	X X	0.1 X	0.1 0.1	0.1 X	X	
mullect Oses-boiler Fuel		0.1	^	^	0.1	X	x	

	Conventional Boiler Use	-	0.1	х	х	0.1	Х	Х	
	CHP and/or Cogeneration Process			X	X	0.1	X	X	
	Direct Uses-Total Process		0.1	X	0.1	0.1	0.1	x	
	Process Heating		0.1	X	0.1	0.1	0.1	X	-
	Process Cooling and Refrigeration		0.1	X	X	X	X	X	
	Machine Drive		0.1	X	0.1	0.1	0.1	x	- -
	Electro-Chemical Processes Other Process Use		0.1 0.1	X	0.1	X	0.1	x	
	Direct Uses-Total Nonprocess		0.1	^ X	0.1	0.1	0.1	x	
	Facility HVAC (g)		0.1	X	0.1	0.1	0.1	x	
	Facility Lighting		0.1						
	Other Facility Support		0.1	X	x	0.1	X	x	
	Onsite Transportation		0.1		0.1	X	0.1		
	Conventional Electricity Generation			Х	0.1	0.1	X	Х	
	Other Nonprocess Use		0.1	Х	0.1	Х	0.1	X	
	End Use Not Reported	0.1	0.1	Х	Х	0.1	0.1	Х	0.1
331315	Aluminum Sheet, Plate and Foils								
331313	Autilituili Sileet, Flate alu Folis								
	TOTAL FUEL CONSUMPTION	1.0	1.1	0.1	0.1	1	5.4	x	0.1
	Indirect Uses-Boiler Fuel		0.1	X	X	14.5	X	X	
	Conventional Boiler Use		0.1	Х	X	14.8	X	X	
	CHP and/or Cogeneration Process			Х	X	0.1	X	X	
	Direct Uses-Total Process		0.7	0.1	0.1	0.4	0.1	X	
	Process Heating		0.5	0.1	Х	0.4	0.1	Х	
	Process Cooling and Refrigeration		12.5	X	0.1	0.1	X	X	
	Machine Drive		0.5	Х	0.1	0.1	X	X	
	Electro-Chemical Processes	<u></u>	0.1						
	Other Process Use		0.1	X	X	0.1	0.1	X	
	Direct Uses-Total Nonprocess		4	X	0.1	0.1	6.2	X	
	Facility HVAC (g)		3.6	X	X	0.1	X	X	
	Facility Lighting		4.3						
	Other Facility Support		4.1	X	X	0.1	0.1	X	
	Onsite Transportation		22.5		0.1	0.1	6.2		
	Conventional Electricity Generation Other Nonprocess Use		0.1	X X	0.1	X	X	X	
	End Use Not Reported	0.1	X X	^ X	X	^X	^	x	0.1
331318	Other Aluminum Rolling, Drawing and Extruding								
	TOTAL FUEL CONSUMPTION	0.9	0.8	0.1	0.3	1.2	2.5	X	5.1
	Indirect Uses-Boiler Fuel		1.8	X	X	6.3	2.8	X	
	Conventional Boiler Use		1.8	X	X	10.6	0.1	X	
	CHP and/or Cogeneration Process			X	X	8	33.9	X	
	Direct Uses-Total Process		0.9	X	0.1	0.8	1.2	x	
	Process Heating		1.2	X	x	0.7 16.9	2.6 X	X	
	Process Cooling and Refrigeration Machine Drive		1.1	X	0.1	6.3	1.6	x	
	Electro-Chemical Processes		1.9						
	Other Process Use		0.1	X	0.1	0	0	X	
	Direct Uses-Total Nonprocess		0.9	0.1	0.3	7.5	3.7	x	
	Facility HVAC (g)		0.8	0.1	0.1	2.1	8	x	
	Facility Lighting		1.2				-		
	Other Facility Support		2.2	Х	X	5.7	33.9	X	
	Onsite Transportation		3.7		0.4	0.9	3.8		
	Conventional Electricity Generation			Х	0.1	83.4	X	X	
	Other Nonprocess Use		0.1	X	0.1	X	X	X	
	End Use Not Reported	2.7	4.8	X	0.1	0.1	23.6	X	5.1
3314	Nonferrous Metals, except Aluminum								
	TOTAL FUEL CONSUMPTION	2.2	2.3	x	3.2	3.8	4.1	0.1	4.8
	Indirect Uses-Boiler Fuel		1.6	Х	0.1	0.7	0.1	X	
	Conventional Boiler Use		1.6	Х	0.1	1.2	0.1	Х	
	CHP and/or Cogeneration Process			x	0.1	0.8	0.1	X	
	Direct Uses-Total Process		2.3	X	1.9	5.3	0.3	0.1	
	Process Heating		1.9	X	0.1	5.4	0.2	X	
	Process Cooling and Refrigeration		2.4	X	X	X	X	X	
	Machine Drive		7.7	X	1.2	2.4	0.1	X	-
	Electro-Chemical Processes		0.4						
	Other Process Use		2.4	X	60.0	9.5	30	0.1	
	Direct Uses-Total Nonprocess		2.9	X	5.1	3.8	14.2	X	-
			2.3	X	13.2	4.1	23.9	X	
	Facility HVAC (g)								
	Facility Lighting		4.2	 X	 7 5	5 3	89	 X	
	Facility Lighting Other Facility Support		4.2 9.1	X	7.5	5.3	89	Х	
	Facility Lighting		4.2						

1004.050. Contention of feeding with infinite 10		Other Nonprocess Use End Use Not Reported	4.7	3.1 0.1	X X	0.1 X	5.7 X	24.8 20.5	X X	4.8
Inferent Law Solder for Inference - 0 X 0 0 1 X X X X X X X X X	331410	Nonferrous Metal (except Aluminum) Smelting and Refi	ning							
Conventional plane to the Comment of		TOTAL FUEL CONSUMPTION	0.7	0.7	X	0.1	0.9	4.1	0	0.1
Ceff product Cognomical Princes -		Indirect Uses-Boiler Fuel		0	Х	0	0.1	X	X	
Priest Liber 7-feet Princes										
Process locating of integration										-
Precess Cooling and Refigeration										
Macelale Orline										
Chebr Process Use										
Direct tear Total Informaces		Electro-Chemical Processes		0.2						
Facility NACC - 27								50.8		-
Face Part Spring										
Other Facility Support										
Convention -										
Conventional Internative Generation										
Total List Not Reported 0					Х				X	
		Other Nonprocess Use		0	X	0	X	0.1	X	
TOTAL FUEL CONSUMPTION 37		End Use Not Reported	0	0.1	X	X	X	0.1	x	0.1
Indirect Uses-Double Tules - 15.8	3315	Foundries								
Indirect Uses-botie Fuel										
Conventional Bollet Use										5.7
CitP and/or Cognemiation Process										
Direct User-Total Process -										
Process Reating										
Process Cooling and Refrigeration										
Electro-Chemical Processis										
Other Process Use		Machine Drive		4	0.1	6.5	8.9	4.2	X	
Direct Uses-Total Nonprocess		Electro-Chemical Processes								
Facility HWAC (g)										
Facility Lighting										
Other Facility Support										
Onsite Transportation										
Conventional Electricity Generation										
Find Use Not Reported 5.5 8.2 X 79.6 19.7 14.7 X X 33511 Iron Foundries					Х	18.3	40.8	0.1	Х	
TOTAL FUEL CONSUMPTION 2.1 2.5 0 1.9 1.4 3.6 0.1										
TOTAL FUEL CONSUMPTION 2.1 2.5 0 1.9 1.4 3.6 0.1		End Use Not Reported	5.5	8.2	X	79.6	19.7	14.7	X	5.7
Indirect Uses-Boller Fuel	331511	Iron Foundries								
Indirect Uses-Boller Fuel		TOTAL FUEL CONSUMPTION	2.1	2.5	0	1.9	1.4	3.6	0.1	5.8
Conventional Boiler Use										
Direct Uses-Total Process		Conventional Boiler Use			X	X			Х	
Process Heating		CHP and/or Cogeneration Process			Х	0.1	12.7	89	х	
Process Cooling and Refrigeration										
Machine Drive										
Electro-Chemical Processes										
Other Process Use										
Facility HVAC (g)						Х		0.1		
Facility Lighting		Direct Uses-Total Nonprocess		5.6	0	1.8	1.9	3.9	Х	
Other Facility Support - 2.0 X 50.7 2.7 10.9 X Onsite Transportation - 1.7 - 1.8 X 5.9 - Conventional Electricity Generation - - X 0.1 X 0.1 X Other Nonprocess Use - 8.3 X 5.0 0.1 0.1 X End Use Not Reported 5.7 0.1 X 79.6 79.4 52.2 X 331523 Nonferrous Metal Die-Casting Foundries - 1.2 1.2 X 3.6 1.4 9.5 X TOTAL FUEL CONSUMPTION 1.2 1.2 X 3.6 1.4 9.5 X Indirect Uses-Boiler Fuel - 21.0 X X X 13.6 X X Conventional Boiler Use - 21.0 X X X 0.1 X X CHP and/or Cogeneration Process - - -		Facility HVAC (g)			0.0	18.5	2.1	3.1	X	-
Onsite Transportation 1.7 1.8 X 5.9 Conventional Electricity Generation X 0.1 X 0.1 X Other Nonprocess Use 8.3 X 5.0 0.1 0.1 X End Use Not Reported 5.7 0.1 X 79.6 79.4 52.2 X 331523 Nonferrous Metal Die-Casting Foundries TOTAL FUEL CONSUMPTION 1.2 1.2 X 3.6 1.4 9.5 X Indirect Uses-Boiler Fuel 21.0 X X 13.6 X X Conventional Boiler Use 21.0 X X 13.6 X X CHP and/or Cogeneration Process 21.0 X X 56.6 X X Direct Uses-Total Process X X 3.3 1.4 15.5 X Process Heating 2.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
Conventional Electricity Generation										
Other Nonprocess Use - 8.3 X 5.0 0.1 0.1 X End Use Not Reported 5.7 0.1 X 79.6 79.4 52.2 X 331523 Nonferrous Metal Die-Casting Foundries TOTAL FUEL CONSUMPTION 1.2 1.2 X 3.6 1.4 9.5 X Indirect Uses-Boiler Fuel 21.0 X X 13.6 X X Conventional Boiler Use 21.0 X X 0.1 X X Chy and/or Cogeneration Process X X 56.6 X X Process Heating 1.1 X 3.3 1.4 15.5 X Process Cooling and Refrigeration 1.2 X X 1.4 18.5 X										
End Use Not Reported 5.7 0.1 X 79.6 79.4 52.2 X 331523 Nonferrous Metal Die-Casting Foundries TOTAL FUEL CONSUMPTION 1.2 1.2 X 3.6 1.4 9.5 X Indirect Uses-Boiler Fuel 21.0 X X 13.6 X X Conventional Boiler Use 21.0 X X 0.1 X X CHP and/or Cogeneration Process X X 0.1 X X Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X										
TOTAL FUEL CONSUMPTION 1.2 1.2 X 3.6 1.4 9.5 X Indirect Uses-Boiler Fuel 21.0 X X 13.6 X X X Conventional Boiler Use 21.0 X X 0.1 X X CHP and/or Cogeneration Process X X 56.6 X X Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X			5.7							5.8
Indirect Uses-Boiler Fuel 21.0 X X 13.6 X X Conventional Boiler Use 21.0 X X 0.1 X X CHP and/or Cogeneration Process X X 56.6 X X Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X	331523	Nonferrous Metal Die-Casting Foundries								
Indirect Uses-Boiler Fuel 21.0 X X 13.6 X X Conventional Boiler Use 21.0 X X 0.1 X X CHP and/or Cogeneration Process X X 56.6 X X Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X		TOTAL FUEL CONCUMPTION		4.2	v	2.6	1.4	0.5		
Conventional Boiler Use 21.0 X X 0.1 X X CHP and/or Cogeneration Process X X 56.6 X X Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X										12.5
CHP and/or Cogeneration Process X X 56.6 X X Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X										
Direct Uses-Total Process 1.1 X 3.3 1.4 15.5 X Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X										
Process Heating 2.0 X X 1.4 18.5 X Process Cooling and Refrigeration 1.2 X X 92.1 X X										
				2.0	X		1.4	18.5	X	
Machine Drive 1.2 X 3.5 62.8 1.6 X										
		Machine Drive		1.2	X	3.5	62.8	1.6	X	

	Electro-Chemical Processes		23.2						
	Other Process Use		0.4	X	0.1	3.2	0.2	X	
	Direct Uses-Total Nonprocess		3.7	X	3.9	3.9	4.7	X	
	Facility HVAC (g)		2.5 2.5	X	0.1	3.3	14.4	X	
	Facility Lighting Other Facility Support		15.7	X	0.1	13.6	34.2	x	
	Onsite Transportation		2.4		6.7	32.2	4.8		
	Conventional Electricity Generation			X	2.7	Х	Х	х	
	Other Nonprocess Use		0.1	X	0.1	0.1	X	X	
	End Use Not Reported	1.8	1.8	X	X	x	1.3	x	12.5
331524	Aluminum Foundries, except Die-Casting								
	TOTAL FUEL CONSUMPTION	9.8	3.9	0.1	54.9	11.7	4.4	X	4.3
	Indirect Uses-Boiler Fuel		5.2	X	0.1	6.5	0.1	X	
	Conventional Boiler Use		5.2	X	0.1	3.9	0.1	X	
	CHP and/or Cogeneration Process Direct Uses-Total Process		4.7	0.1	0.1 12.5	18.3 13.4	0.1 1.9	x x	
	Process Heating		2.0	X	13.0	13.8	1.4	X	
	Process Cooling and Refrigeration		0.6	X	х	8.5	Х	Х	-
	Machine Drive		8.8	0.1	63.9	2.2	5.0	X	
	Electro-Chemical Processes		0.1						
	Other Process Use Direct Uses-Total Nonprocess		0.1	X	0.1 75.5	1.3	28.1	X	
	Facility HVAC (g)		1.4	X	0.1	1.5	1.9	x	
	Facility Lighting		2.1		-				
	Other Facility Support		3.5	Х	Х	2.0	0.1	X	
	Onsite Transportation		5.0		75.9	18.8	15.6		
	Conventional Electricity Generation		40.9	X	x	0.1	X 1 2	X	
	Other Nonprocess Use End Use Not Reported	1.6	40.9	x	x	0.1	1.2 6.4	x	4.3
332	FABRICATED METAL PRODUCTS								
	TOTAL FUEL CONSUMPTION	9.0	8.1	Х	29.7	12.0	19.6	Х	33.0
	Indirect Uses-Boiler Fuel		54.8	X	X	34.4	72.4	X	
	Conventional Boiler Use CHP and/or Cogeneration Process		54.8	X	X	53.4 41.3	78.0 99.5	X	
	Direct Uses-Total Process		8.6	X	64.9	14.9	38.6	x	
	Process Heating		15.8	X	99.5	15.6	52.9	Х	
	Process Cooling and Refrigeration		20.4	X	X	88.2	X	X	-
	Machine Drive		10.1	X	54.4	51.6	48.1	X	
	Electro-Chemical Processes Other Process Use		37.7 36.0	X	74.3	61.5	73.4	x	
	Direct Uses-Total Nonprocess		10.6	X	30.4	11.5	22.1	x	
	Facility HVAC (g)		13.1	×	57.7	11.8	53.3	X	
	Facility Lighting		10.6						
	Other Facility Support		28.0	X	97.6	31.6	97.7	X	
	Onsite Transportation		26.4		35.1	67.4	20.2	 	
	Conventional Electricity Generation Other Nonprocess Use		44.0	X	64.0 67.7	92.1 87.9	X 96.6	X	
	End Use Not Reported	48.8	71.1	X	X	54.1	64.6	X	33.0
333	MACHINERY								
	TOTAL FUEL CONSUMPTION	9.2	8.7	99.0	33.6	12.3	29.8	87.6	44.1
	Indirect Uses-Boiler Fuel		24.0	X	0.1	28.3	98.7	87.6	
	Conventional Boiler Use		24.0	X	0.1	25.6	X	X	
	CHP and/or Cogeneration Process Direct Uses-Total Process		9.5	X	0.1 39.8	38.4 21.7	98.7 39.5	87.6 X	
	Process Heating		19.6	X	X	23.5	77.5	x	
	Process Cooling and Refrigeration		20.9	X	99.0	61.3	99.0	X	
	Machine Drive		10.1	X	64.7	42.3	54.4	Х	-
	Electro-Chemical Processes		42.6	 		 			-
	Other Process Use Direct Uses-Total Nonprocess		27.3	99.0	40.1 62.7	65.6 11.7	52.6 31.0	x	
	Facility HVAC (g)		12.8	99.0	56.1	11.9	62.2	^X	
	Facility Lighting		10.1		-				-
	Other Facility Support		14.1	Х	99.0	29.0	52.1	Х	-
	Onsite Transportation		21.4	 	37.9	73.5	18.0		-
	Conventional Electricity Generation Other Nonprocess Use		56.4	99.0	16.4 75.7	98.8 67.3	99.0 26.5	X	
			50.4	22.0	13.1	37.3	20.5	^	
	End Use Not Reported	41.7	69.9	Х	99.0	73.8	49.9	Х	44.1

	TOTAL FUEL CONSUMPTION	6.1	4.2	0.1	45.2	12.5	29.3	х	71.1
	Indirect Uses-Boiler Fuel		9.6	X	12.0	7.7	0.1	x	
	Conventional Boiler Use		9.6	X	12.0	9.0	0.1	X	
	CHP and/or Cogeneration Process			X	X	15.0	0.1	x	
	Direct Uses-Total Process		5.1	X	64.4	38.5	37.6	Х	
	Process Heating		14.1	X	90.4	49.9	92.8	X	
	Process Cooling and Refrigeration		5.3	X	Х	30.2	X	Х	
	Machine Drive		6.0	Х	30.5	58.3	43.8	Х	
	Electro-Chemical Processes		10.1						
	Other Process Use		6.2	Х	38.8	13.1	92.6	X	
	Direct Uses-Total Nonprocess		4.6	0.1	50.4	7.9	31.7	X	
	Facility HVAC (g)		4.4	0.1	57.5	8.4	45.8	X	
	Facility Lighting		6.6						
	Other Facility Support		7.8	X	84.9	12.4	23.0	X	
	Onsite Transportation		30.5		44.7	89.3	44.4		
	Conventional Electricity Generation			X	71.6	54.6	X	X	
	Other Nonprocess Use		6.1	X	9.2	13.8	0.1	X	
	End Use Not Reported	32.9	25.2	X	X	32.2	81.3	X	71.1
334413	Semiconductors and Related Devices								
	TOTAL FLIEL CONSUMPTION	1 2	1 2	0.1	0.0	1 5	4 0		0.1
	TOTAL FUEL CONSUMPTION	1.3	1.3 0.5	0.1 X	0.9	1.5	4.8	X	0.1
	Indirect Uses-Boiler Fuel				0.1	0.1	0.1		
	Conventional Boiler Use		0.5	X	0.1 X	0.1	0.1	X	
	CHP and/or Cogeneration Process Direct Uses-Total Process		1.6	x	2.2	1.6	0.1	x	
	Process Heating		1.8	x	X	0.1	X X	x	
	Process Cooling and Refrigeration		0.7	x	x	0.1	X	x x	
	Machine Drive		3.7	X	0.1	71.7	0.1	x	
	Electro-Chemical Processes		1.2						
	Other Process Use		1.9	X	2.4	2.0	X	X	
	Direct Uses-Total Nonprocess		1.6	0.1	1.1	3.4	5.8	X	
	Facility HVAC (g)		1.5	0.1	0.1	3.8	12.8	X	
	Facility Lighting		2.8						
	Other Facility Support		0.6	X	0.1	0.5	0.1	Х	
	Onsite Transportation		0.1		0.1	X	1.1		
	Conventional Electricity Generation			X	6.9	1.9	X	Х	
	Other Nonprocess Use		2.0	X	0.1	3.7	0.1	Х	
	End Use Not Reported	14.3	13.9	×	x	32.2	X	Х	0.1
335									
	ELEC. EQUIP., APPLIANCES, COMPONENTS TOTAL FUEL CONSUMPTION	7.3	8.5	X	33.6	9.7	50.0	x	29.5
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel	7.3	8.5 44.2	X	33.6 X	9.7	50.0 89.5	X	29.5
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel			X	X	28.2		X	
	TOTAL FUEL CONSUMPTION		44.2				89.5		
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		44.2 44.2	X	X	28.2 31.2	89.5 89.5	X X	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		44.2 44.2 	X X X	X X X	28.2 31.2 50.9	89.5 89.5 X	X X X	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		44.2 44.2 9.1	X X X X	X X X 94.7	28.2 31.2 50.9 11.7	89.5 89.5 X 88.9	X X X	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		44.2 44.2 9.1 12.5	X X X X	X X X 94.7 82.7	28.2 31.2 50.9 11.7 12.1	89.5 89.5 X 88.9 60.1	X X X X	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		44.2 44.2 9.1 12.5 21.0	X X X X X	X X X 94.7 82.7 X	28.2 31.2 50.9 11.7 12.1 36.8	89.5 89.5 X 88.9 60.1	X X X X X	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		44.2 44.2 9.1 12.5 21.0 11.4	X X X X X X X	X X X 94.7 82.7 X 95.7	28.2 31.2 50.9 11.7 12.1 36.8 81.0	89.5 89.5 X 88.9 60.1 X 91.4	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		44.2 44.2 9.1 12.5 21.0 11.4 21.5	X X X X X X	X X X 94.7 82.7 X 95.7	28.2 31.2 50.9 11.7 12.1 36.8 81.0	89.5 89.5 X 88.9 60.1 X 91.4	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9	X X X X X X X	X X X 94.7 82.7 X 95.7	28.2 31.2 50.9 11.7 12.1 36.8 81.0	89.5 89.5 X 88.9 60.1 X 91.4	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0	X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6	X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4	X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4	X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9	x x x x x x x x x x x x x x x x x x x	
	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1	X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9	x x x x x x x x x x x x x x x x x x x	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4	X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9	x x x x x x x x x x x x x x x x x x x	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9	X X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9	x x x x x x x x x x x x x x x x x x x	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9	X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9	x x x x x x x x x x x x x x x x x x x	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9	X X X X X X X X X X X X X X X X X 0-1 X X X X 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1 0-1	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9	x x x x x x x x x x x x x x x x x x x	29.5
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9	X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 - X 13.9 81.4 - 73.7 1.8 26.3 39.7 45.9	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9	X X X X X X X X X X X X X X X X X X X	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9	X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 - X 13.9 81.4 - 73.7 1.8 26.3 39.7 45.9	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9	X X X X X X X X X X X X X X X X X X X	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9	X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 - X 13.9 81.4 - 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9	X X X X X X X X X X X X X X X X X X X	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6	X X X X X X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 X 29.4 30.1	X X X X X X X X X X X X X X X X X X X	29.5
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6 7.1	X X X X X X X X X X X X X X X X X X X	X X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2 X	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X Y 91.4 X X 91.4 7 7.7	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 68.3 X 29.4 30.1	X X X X X X X X X X X X X X X X X X X	
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6 7.1 7.1	X X X X X X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 X 29.4 30.1	X X X X X X X X X X X X X X X X X X X	29.5
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6 7.1 7.1 30.1	X X X X X X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 - X 13.9 81.4 - 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2 X	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X 10.7 10.7 10.7 10.7 10.7 10.7 10.7 10.7	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 X 29.4 30.1 45.2 43.4	X X X X X X X X X X X X X X X X X X X	29.5
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6 7.1 7.1 30.1 19.3	X X X X X X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 - X 13.9 81.4 - 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2 X X	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X 1.7 1.6.7 7.4 7.8 7.7 66.2 22.4	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 68.3 X 29.4 30.1 45.2 43.4 62.9	X X X X X X X X X X X X X X X X X X X	29,5
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6 7.1 7.1 30.1 19.3 6.0	X X X X X X X X X X X X X X X X X X X	X X X Y 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2 X 59.5 0.7 39.8	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X X 91.4 X 7 16.7 7.2 16.7 7.4 7.8 7.7 66.2 22.4 8.7	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 X 29.4 30.1 45.2 43.4 62.9 18.1	X X X X X X X X X X X X X X X X X X X	29.5
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g)		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 19.9 5.8 12.6 7.1 7.1 30.1 19.3 6.0 6.8	X X X X X X X X X X X X X X X X X X X	X X X 94.7 82.7 X 95.7 - X 13.9 81.4 - 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2 X X	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X 91.4 X 1.7 1.6.7 7.4 7.8 7.7 66.2 22.4	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 68.3 X 29.4 30.1 45.2 43.4 62.9	X X X X X X X X X X X X X X X X X X X	12.2
336	TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess Facility HVAC (g) Facility Lighting Other Facility Support Onsite Transportation Conventional Electricity Generation Other Nonprocess Use End Use Not Reported TRANSPORTATION EQUIPMENT TOTAL FUEL CONSUMPTION Indirect Uses-Boiler Fuel Conventional Boiler Use CHP and/or Cogeneration Process Direct Uses-Total Process Process Heating Process Cooling and Refrigeration Machine Drive Electro-Chemical Processes Other Process Use Direct Uses-Total Nonprocess		44.2 44.2 9.1 12.5 21.0 11.4 21.5 36.9 10.9 12.6 12.0 14.6 26.4 83.1 98.9 5.1 19.9 19.9 5.8 12.6 7.1 7.1 30.1 19.3 6.0	X X X X X X X X X X X X X X X X X X X	X X X Y 94.7 82.7 X 95.7 X 13.9 81.4 73.7 1.8 26.3 39.7 45.9 34.0 8.9 9.0 0.1 58.4 18.2 X 59.5 0.7 39.8	28.2 31.2 50.9 11.7 12.1 36.8 81.0 46.0 12.7 12.4 24.1 X X X 91.4 X 7 16.7 7.2 16.7 7.4 7.8 7.7 66.2 22.4 8.7 8.4	89.5 89.5 X 88.9 60.1 X 91.4 X 27.8 77.5 76.3 27.0 98.9 91.9 72.9 16.3 68.3 68.3 X 29.4 30.1 45.2 43.4 62.9 18.1 22.7	X X X X X X X X X X X X X X X X X X X	12.2

	Onsite Transportation		12.9		43.5	11.6	20.7		
	Conventional Electricity Generation			X	52.0	55.7	0.1	X	
	Other Nonprocess Use End Use Not Reported	15.3	42.0	X	75.8 86.4	88.6 44.8	25.0 64.0	x	12.2
336111	Automobiles								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	X	0.0	0.0	0.0	0.0	
	Conventional Boiler Use CHP and/or Cogeneration Process		0.0	X X	0.0	0.0	0.0 X	0.0 X	
	Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	x	
	Process Heating		0.0	X	X	0.0	0.0	x	
	Process Cooling and Refrigeration		0.0	Х	X	Х	X	Х	
	Machine Drive		0.0	X	0.0	X	X	X	
	Electro-Chemical Processes		0.0		- -				
	Other Process Use		0.0	X	0.0	0.0	X	X	
	Direct Uses-Total Nonprocess Facility HVAC (g)		0.0	X	0.0	0.0	0.0	x	
	Facility Lighting		0.0						
	Other Facility Support	**	0.0	X	0.0	0.0	0.0	X	
	Onsite Transportation		0.0		0.0	0.0	0.0		
	Conventional Electricity Generation			X	0.0	0.0	X	X	
	Other Nonprocess Use		0.0	X	0.0	X	X	X	
	End Use Not Reported	0.0	0.0	X	X	0.0	X	X	0.0
336112	Light Trucks and Utility Vehicles								
	TOTAL FUEL CONSUMPTION	0.0	0.0	X	0.0	0.0	0.0	0.0	0.0
	Indirect Uses-Boiler Fuel		0.0	X	X	0.0	X	0.0	
	Conventional Boiler Use		0.0	Х	X	0.0	X	0.0	
	CHP and/or Cogeneration Process			X	X	0.0	X	X	
	Direct Uses-Total Process		0.0	X	0.0	0.0	0.0	X	
	Process Heating		0.0	X	X	0.0	X	X	
	Process Cooling and Refrigeration		0.0	X X	X	0.0	X	X	
	Machine Drive Electro-Chemical Processes		0.0	X	0.0	0.0	X	x	
	Other Process Use		0.0	X	0.0	0.0	0.0	X	
	Direct Uses-Total Nonprocess		0.0	Х	0.0	0.0	0.0	X	
	Facility HVAC (g)		0.0	X	X	0.0	0.0	X	
	Facility Lighting		0.0		- -				
	Other Facility Support		0.0	X	0.0	0.0	X	X	
	Onsite Transportation Conventional Electricity Generation		0.0	X	0.0	0.0 X	0.0 X	 X	
	Other Nonprocess Use		0.0	^ X	0.0	x	0.0	X	
	End Use Not Reported	0.0	X	X	0.0	X	X	X	0.0
3364	Aerospace Products								
	TOTAL FUEL CONSUMPTION	7.3	6.8	0.1	68.1	6.4	14.2	x	19.5
	Indirect Uses-Boiler Fuel		14.9	0.1	0.1	6.8	0.1	X	
	Conventional Boiler Use		14.9	0.1	0.1	1.6	0.1	X	
	CHP and/or Cogeneration Process			X	0.1	20.8	X	X	
	Direct Uses-Total Process Process Heating		6.1	X	92.8	6.3 7.6	27.1 29	X	
	Process Cooling and Refrigeration		4	x	X	9.9	45.2	x	
	Machine Drive		6.1	X	93.3	9.4	67.9	x	
	Electro-Chemical Processes		24.3						
	Other Process Use		31.5	Х	4.6	0.8	3.3	Х	
	Direct Uses-Total Nonprocess		8.0	X	77.2	12.8	15.7	x	
	Facility HVAC (g)		7.2	X	6.2	13.7	34.6	X	
	Facility Lighting		10.1 8.7				 1.6		
	Other Facility Support Onsite Transportation		7.7	X	66.2 86.4	10.3 8.7	1.6	X	
	Conventional Electricity Generation			X	49.0	65.0	0.1	X	
	Other Nonprocess Use		57.4	Х	2.9	78.9	0.1	X	
	End Use Not Reported	16.0	0.1	X	0.1	0.1	5.8	X	19.5
336411	Aircraft								
	TOTAL FUEL CONSUMPTION	19.7	19.0	0.1	84.4	14.0	3.2	X	40.7
	Indirect Uses-Boiler Fuel		28.6	0.1	0.1	0.2	0.1	X	
	Conventional Boiler Use		28.6	0.1	0.1	0.2	0.1	X	
	CHP and/or Cogeneration Process			X	X	0.1	X	X	
	Direct Uses-Total Process		22.4	X	94.7	1.6	5.0	X	
	Process Heating		13.5	X	0.1	1.9	0.1	X	

Process Cooling and Refrigeration - 9.3 X X 0.1 Machine Drive - 16.8 X 94.8 1.1 Electro-Chemical Processes - 2.8 - - - Other Process Use - 88.9 X X 2.5 Other Process Use - 18.3 X 89.9 26.6 Facility HVAC (g) - 17.6 X 0.1 28.3 Facility HVAC (g) - 17.6 X 0.1 28.3 Facility Lighting - 23.0 - - - - Other Facility Support - 16.4 X X 16.9 Onsite Transportation - 21.4 - 90.5 12.1 Conventional Electricity Generation - - 63.8 X 35.7 87.3 End Use Not Reported 7.0 0.1 X X 0.1 TOTAL FUEL CONSUMPTION 9.1	0.1	x x x x x x x x x	
Electro-Chemical Processes	X 4.4 18.4 0.1 2.9 X X 0.1 27.2 96.4		
Other Process Use	4.4 18.4 - 0.1 2.9 X X 0.1 27.2 96.4	x x x x x	
Direct Uses-Total Nonprocess	4.4 18.4 - 0.1 2.9 X X 0.1 27.2 96.4	x x x x x	
Facility HVAC (g)	18.4 0.1 2.9 X X 0.1	X X X X	
Facility Lighting	0.1 2.9 X X 0.1	 X X X	
Other Facility Support 16.4 X X 16.9 Onsite Transportation 21.4 90.5 12.1 Conventional Electricity Generation X X X 0.1 Other Nonprocess Use 63.8 X 35.7 87.3 End Use Not Reported 7.0 0.1 X X X 0.1 TOTAL FUEL CONSUMPTION 9.1 8.3 X 54.6 13.2 Indirect Uses-Boiler Fuel 30.7 X 99.0 50.1 Conventional Boiler Use 30.7 X X 46.4 CHP and/or Cogeneration Process 30.7 X 99.0 58.1 Direct Uses-Total Process X 99.0 58.1 Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 16.3 X X 70.7 <t< td=""><td>2.9 X X 0.1 27.2 96.4</td><td>X X X X</td><td></td></t<>	2.9 X X 0.1 27.2 96.4	X X X X	
Onsite Transportation - 21.4 - 90.5 12.1 Conventional Electricity Generation - - X X X 0.1 Other Nonprocess Use - 63.8 X 35.7 87.3 End Use Not Reported 7.0 0.1 X X X 0.1 TOTAL FUEL CONSUMPTION 9.1 8.3 X 54.6 13.2 Indirect Uses-Boiler Fuel - 30.7 X 99.0 50.1 Conventional Boiler Use - 30.7 X 99.0 50.1 Conventional Boiler Use - 30.7 X 99.0 50.1 Chier Direct Uses-Total Process - - X 99.0 58.1 Direct Uses-Total Process - 9.5 X 95.7 18.4 Process Leating - 16.3 X 95.7 18.5 Process Cooling and Refrigeration - 22.4 X X 70.7	2.9 X X 0.1 27.2 96.4	 X X	
Conventional Electricity Generation	X X 0.1	X	
Other Nonprocess Use - 63.8 X 35.7 87.3 End Use Not Reported 7.0 0.1 X X 0.1 337 FURNITURE AND RELATED PRODUCTS TOTAL FUEL CONSUMPTION 9.1 8.3 X 54.6 13.2 Indirect Uses-Boiler Fuel 30.7 X 99.0 50.1 Conventional Boiler Use 30.7 X X 46.4 CHP and/or Cogeneration Process X 99.0 58.1 Direct Uses-Total Process 9.5 X 95.7 18.4 Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 16.3 X 95.7 18.5 Abchine Drive 10.1 X X 70.7 Machine Drive 37.3 Other Process Use 46.6 X X X	X 0.1 27.2 96.4	X	
FURNITURE AND RELATED PRODUCTS	0.1 27.2 96.4		
### FURNITURE AND RELATED PRODUCTS TOTAL FUEL CONSUMPTION	27.2 96.4		40.7
TOTAL FUEL CONSUMPTION 9.1 8.3 X 54.6 13.2 Indirect Uses-Boiler Fuel 30.7 X 99.0 50.1 Conventional Boiler Use 30.7 X X 46.4 CHP and/or Cogeneration Process X 99.0 58.1 Direct Uses-Total Process 9.5 X 95.7 18.4 Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 22.4 X X 70.7 Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	96.4		
Indirect Uses-Boiler Fuel 30.7 X 99.0 50.1 Conventional Boiler Use 30.7 X X 46.4 CHP and/or Cogeneration Process X 99.0 58.1 Direct Uses-Total Process 9.5 X 95.7 18.4 Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 22.4 X X 70.7 Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	96.4		
Indirect Uses-Boiler Fuel 30.7 X 99.0 50.1 Conventional Boiler Use 30.7 X X 46.4 CHP and/or Cogeneration Process X 99.0 58.1 Direct Uses-Total Process 9.5 X 95.7 18.4 Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 22.4 X X 70.7 Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	96.4		
Conventional Boiler Use - 30.7 X X 46.4 CHP and/or Cogeneration Process - - - X 99.0 58.1 Direct Uses-Total Process - 9.5 X 95.7 18.4 Process Heating - 16.3 X 95.7 18.5 Process Cooling and Refrigeration - 22.4 X X 70.7 Machine Drive - 10.1 X X 96.4 Electro-Chemical Processes - 37.3 - - - - Other Process Use - 46.6 X X X X Direct Uses-Total Nonprocess - 10.7 X 48.0 13.1 Facility HVAC (g) - 14.5 X 95.3 13.3		4.4	40.2
CHP and/or Cogeneration Process - - X 99.0 58.1 Direct Uses-Total Process - 9.5 X 95.7 18.4 Process Heating - 16.3 X 95.7 18.5 Process Cooling and Refrigeration - 22.4 X X 70.7 Machine Drive - 10.1 X X 96.4 Electro-Chemical Processes - 37.3 - - - - Other Process Use - 46.6 X X X Direct Uses-Total Nonprocess - 10.7 X 48.0 13.1 Facility HVAC (g) - 14.5 X 95.3 13.3		0.1	
Direct Uses-Total Process - 9.5 X 95.7 18.4 Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 22.4 X X 70.7 Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	96.4	0.1	
Process Heating 16.3 X 95.7 18.5 Process Cooling and Refrigeration 22.4 X X 70.7 Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	96.4	X	
Process Cooling and Refrigeration 22.4 X X 70.7 Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	68.6	77.3	
Machine Drive 10.1 X X 96.4 Electro-Chemical Processes 37.3 Other Process Use 46.6 X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	95.3	77.3	
Electro-Chemical Processes - 37.3 - - - Other Process Use - 46.6 X X X Direct Uses-Total Nonprocess - 10.7 X 48.0 13.1 Facility HVAC (g) - 14.5 X 95.3 13.3	96.4	X	
Other Process Use 46.6 X X X X Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3	53.0	Х	
Direct Uses-Total Nonprocess 10.7 X 48.0 13.1 Facility HVAC (g) 14.5 X 95.3 13.3			
Facility HVAC (g) 14.5 X 95.3 13.3	65.5	Х	
	24.3	4.4	
	51.4	4.4	
Other Facility Support 13.6 X 0.1 23.0	87.6	X	
Onsite Transportation 24.4 5.4 21.5	19.7		
Conventional Electricity Generation X 0.1 96.4	96.4	X	
Other Nonprocess Use 43.0 X 43.1 96.4	69.2	X	
End Use Not Reported 35.6 51.2 X X 83.7	65.7	X	40.2
339 MISCELLANEOUS			
TOTAL FUEL CONSUMPTION 16.0 9.3 0.1 67.5 27.2	49.3	X	79.7
Indirect Uses-Boiler Fuel	49.3 X	x	
Conventional Boiler Use - 31.4 X 78.0 45.8	x	x	
CHP and/or Cogeneration Process X 74.2 61.3	x	x	
	57.6		
	87.2	X	
Process Cooling and Refrigeration - 19.9 X X 70.6	99.0	x	
Machine Drive 11.9 X 99.0 99.0	74.5	x	
Electro-Chemical Processes - 30.7			
Other Process Use 46.3 X 0.1 75.1	99.0	X	
Direct Uses-Total Nonprocess 9.4 0.1 57.5 21.2	58.8	X	
Facility HVAC (g) 9.9 0.1 99.0 14.6	83.6	X	
Facility Lighting 11.0			
Other Facility Support - 13.5 0.1 X 13.5	99.0	X	
Onsite Transportation 22.5 55.1 78.0	48.7		
Conventional Electricity Generation X 33.0 87.4	91.1	Х	
Other Nonprocess Use 1.7 X 6.9 66.5	0.1		
End Use Not Reported 53.6 53.6 X X 53.3	66.8	X	 79.7

⁽a) The Bureau of the Census classifies establishments using the 2012 North American Industry Classification System (NAICS).

- (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) Hydrocarbon Gas Liquids '(HGL)' include ethane, ethylene, propalee, 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.
- (g) Facility Heating, Ventilation, and Air Conditioning '(Facility HVAC)' excludes steam and hot water.

W=Withheld to avoid disclosing data for individual establishments.

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

NA=Not available.

X=Not defined because RSE corresponds to a value of zero.

- -- Estimation is not applicable.

Notes: 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 estimates 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: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2014 Manufacturing Energy Consumption Survey.'

⁽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.

^{*} Estimate less than 0.5.