Table 4.4 Number of Establishments by Offsite-Produced Fuel Consumption, 2010;

Level: National Data; Row: NAICS Codes; Column: Energy Sources; Unit: Establishment Counts.

311221 Wet Corn 31131 Sugar Mar 3114 Fruit and V 312 Beverage a 3121 Beverage a 3122 Tobacco 313 Textile Mills 314 Textile Proc 315 Apparel 316 Leather and 3211 Veneer, Pl 3212 Veneer, Pl 3213 Sawmills 321 Veneer, Pl 3212 Paper Wor 322 Paper Mills 32211 Paper Mills 322121 Paper Mills 322121 Paperboar 322130 Paperboar 324 Petroleum 32410 Petroleum 324110 Petroleum 32419 Other Petroleum 325110 Petroleum 325110 Petroleum 325120 Industrial Classical	id Oilseed Milling n Milling anufacturing I Vegetable Preserving and Specialty Foods	Total United States 13,269 602								
3112	n Milling anufacturing									
311221 Wet Corn 31134 Fruit and V 3114 Fruit and V 3116 Beverage 3121 Beverage 3122 Tobacco 315 Apparel 316 Apparel 317 Sawmills 3211 Sawmills 3212 Sawmills 3212 Reconstit. 3219 Reconstit. 3212 Paper 32212 Paper Mills 322121 Paper Mills 32410 Petroleum a 324110 Asphalt Pa 325110 Petroleum a 325120 Petroleum a 325120 Petroleum a 325120 Petroleum a	n Milling anufacturing	602	13,265	144	2,413	10,373	4,039	64	W	1,496
31131 Sugar Mar 3114 Fruit and V 3115 Dairy Proc 3116 Animal Sla 312 Beverage a 3121 Beverages 3122 Tobacco 313 Textile Mills 314 Textile Proc 315 Apparel 321 Wood Prod 3211 Sawmils 3212 Reconstit 32129 Reconstit 32129 Paper 32120 Paper Mills 322121 Paper Mills 322121 Paper boar 322121 Paper boar 322121 Paper boar 322121 Paper boar 322130 Paperboar 32410 Paperboar 32412 Asphalt Pe 32419 Other Petr 32410 Petroleum 324110 Asphalt Pe 32412 Asphalt Pe 32412 Petroleum 32419	anufacturing		602	9	201	489	268	30	0	137
3114 Fruit and V 3115 Dairy Proc 3116 Animal Sla 312 Beverage 3121 Doalry Proc 312 Tobacco 313 Textile Mills 314 Textile Proc 315 Apparel 316 Leather and 321 Wood Prod 3211 Sawmills 3212 Reconstit 3219 Other Woo 32219 Paper Mills 32210 Pulp Mills 32211 Paper Mills 322121 Paper Mills 322121 Paper Mills 322121 Paper Mills 322121 Paper Mills 32213 Paper Loleum 32410 Petroleum 32410 Other Petr Other Petr Chemicals 325110 Petrochem 325120 Industrial C 325181 Alkalles ar		59 73	59	W 3	26	50 67	36 12	15 11	0 W	28 11
3115 Dairy Proc 3116 Animal Sla 312 Beverage a 3121 Beverage a 3122 Tobacco 313 Textile Mills 315 Apparel 316 Leather and 3211 Sawmills 3212 Veneer, Pl 32129 Reconstit. 322 Paper 322 Paper Mills 322121 Newsprint 322121 Newsprint 322122 Newsprint 322121 Paperboar 322122 Newsprint 322120 Petroleum a 32410 Asphalt Pe 32410 Other Petroleum a 324110 Asphalt Pe 325110 Petrochem 325120 Industrial G Jackalies Alkalies ar		73 987	73 987	3 17	36 207	839	503	W	0	207
3116 Animal Sla 312 Beverage a 3121 Beverage a 3122 Tobacco 313 Textile Mills 314 Textile Proc 315 Apparel 316 Leather anc 321 Wood Prod 3211 Sawmills 3212 Reconstit 32129 Paper Mills 32210 Paper Mills 322121 Paper Mills 322121 Paper Mills 322121 Paper Mills 322121 Paper boar Petroleum a 322130 Paperboar Petroleum a 32410 Petroleum a 324110 Petroleum a 324121 Asphalt Pe 324121 Asphalt Pe 324121 Asphalt Pe 324121 Petroleum a 324121 Petroleum a 324121 Petroleum a 324121 Petroleum a 325181 Alkalies ar <td></td> <td>998</td> <td>998</td> <td>12</td> <td>217</td> <td>908</td> <td>161</td> <td>W</td> <td>ő</td> <td>79</td>		998	998	12	217	908	161	W	ő	79
3121 Beverages 3122 Tobacco 313 Textile Mills 314 Textile Proc 315 Apparel 316 Leather and 321 Wood Prod 3212 Sawmills 3212 Reconstit. 3212 Paper 322 Paper Mills 322121 Newsprint 322122 Newsprint 322123 Newsprint 322124 Petroleum a 32412 Asphalt Pe 32412 Asphalt Pe 32412 Other Petr 32412 Petrochem 32510 Petrochem 325110 Petrochem 325120 Industrial (325181 Alkalies ar	slaughtering and Processing	1,709	1,709	72	512	1,262	583	W	0	297
3122 Tobacco 313 Textile Mills 314 Textile Proc 316 Apparel 317 Wood Prod 321 Wood Prod 3212 Reconstit 3212 Reconstit 3212 Paper 322 Paper 322121 Paper Mills 322121 Paper Mills 322121 Paper Mills 322121 Paper foult 322121 Paper foult Petroleum a Petroleum a 32410 Petroleum a 324110 Asphalt Pe 324121 Asphalt Pe 324121 Petroleum a 325110 Petrochem 325120 Industrial G 325121 Alkalies ar	and Tobacco Products	2,093	2,093	7	335	1,242	1,162	12	0	195
313 Textile Mills 314 Textile Proc 315 Apparel 316 Apparel 317 Leather and 321 Sawmills 32121 Sawmills 3219 Reconstit. 3219 Paper 32210 Paper Mills 322112 Paper Mills 322121 Paper Mills 322122 Newsprint 323 Printing and 324 Petroleum 32410 Petroleum 324110 Petroleum 325110 Petrochen 325110 Petrochen 325120 Industrial G 325181 Alkalies ar		2,022	2,022	W	309	1,193	1,125	7	0	187
314 Textile Proc 315 Apparel 316 Leather and 3211 Wood Prod 321113 Sawmills 3212 Peneer, Pl 321219 Reconstit. 322 Paper 322110 Pulp Mills 322121 Newsprint 322120 Newsprint 322120 Newsprint 322120 Peprobar 322120 Petroleum 32410 Petroleum 324110 Petroleum 324121 Asphalt Pa 324120 Other Petr 325110 Petrochem 325120 Industrial G 325121 Alkalies ar		71	71	W	26	48	38	5	0	8
315 Apparel 316 Leather and 321 Wood Prod 32113 Sawmills 32121 Reconstitt 321219 Reconstitt 322 Paper 322121 Paper Mills 322121 Paper Mills 322121 Paper Mills 322121 Paper foult 322130 Paper board 32214 Paper foult Petroleum Petroleum 32410 Petroleum 324121 Asphalt Pe 324121 Asphalt Pe 325110 Petrochem 325120 Industrial C 325121 Alkalies ar		1,341	1,341	49	161	1,059	557	23	0	109
316 Leather and Wood Prod 321 Wood Prod 321113 Sawmills 32121 Veneer, Pl 321219 Reconstit. 32219 Paper 322110 Pulp Mills 322121 Paper Mills 322120 Paper Molls 32213 Paper boar 323 Printing and 324 Petroleum 32410 Petroleum 324121 Asphalt Pa 324121 Chemicals 325110 Petrochem 325120 Industrial C Alkalies ar Alkalies ar	oduct Mills	3,531	3,531	W	Q	1,969	779	W	0	Q
321 Wood Prod 321113 Sawmills 32122 Veneer, Pl 32129 Reconstit. 32121 Paper 3221 Paper Mills 322121 Paper Mills 322122 Newsprint 323120 Newsprint 323 Printing and 324 Petroleum 32410 Asphalt Pa 324121 Asphalt Pa 324125 Other Petr 32510 Industriat of 325110 Petrochem 325121 Alkalies ar 325181 Alkalies ar	nd Alliad Draduata	4,193 452	4,193 452	0 W	Q 17	1,979 231	Q 143	0	0	W
321113 Sawmills 32121 Veneer, Pl 321219 Reconstitu 3221 Other Wor 322 Paper 322121 Paper Mills 322121 Paper Mills 322121 Paper Mills 322130 Paperboard Petroleum a Petroleum a 324121 Asphalt Pe 324121 Asphalt Pe 324121 Asphalt Pe 325110 Petrochem 325120 Industrial C 325121 Alkalies ar Alkalies ar Alkalies ar		7,727	7,709	31	2,907	3,140	4,203	Q	0	1,791
3212 Veneer, Pl 321219 Reconstit. 3219 Other Woo 322 Paper 322121 Paper Milk 322122 Newsprint 322130 Paperboar 323 Printing and 324 Petroleum 324121 Asphalt Pa 324121 Asphalt Pa 324120 Other Petr 32510 Petrochem 325110 Industrial of Indust	Juucis	1.660	1.647	13	893	340	586	0	0	592
321219 Reconstit. 3219 Paper 322 Paper 322111 Paper Mills 322122 Newsprint 322130 Paperboar 323 Pirinting and 324 Petroleum 324110 Asphalt Pa 324121 Asphalt Pa 324120 Other Petr 3251 Chemicals 325110 Petrochem 325120 Industrial G 325181 Alkalies ar	Plywood, and Engineered Woods	1,228	1,228	3	518	628	718	4	0	227
322 Paper Mils 322111 Pulp Mils 322121 Paper Milk 322122 Newsprint 322130 Paperboar 323 Printing and 324 Petroleum 324110 Petroleum 324121 Asphalt Pa 324190 Other Petr 32510 Petrochem 325110 Industrial of Industrial Only Industrial of Industrial o	ituted Wood Products	182	182	3	97	137	137	W	0	70
322110 Pulp Mills 322121 Paper Mills 322122 Newsprint 322130 Paperboar 323 Printing and 324 Petroleum 324110 Asphalt Pa 324121 Asphalt Pa 324190 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial G 325181 Alkalies ar	ood Products	4,521	4,515	W	1,357	2,014	2,777	W	0	898
322121 Paper Milk 322122 Newsprint 322130 Paperboar 323 Printing and 324110 Petroleum 324121 Asphalt Pa 324121 Asphalt Pa 32510 Petrochem 325120 Industrial (325181 Alkalies ar		3,733	3,733	125	582	2,984	2,421	93	W	424
322122 Newsprint 322130 Paperboar 323 Printing and 324 Petroleum 324121 Asphalt Pa 324199 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial ondustrial 325121 Alkalies ar		41	41	17	28	32	25	W	0	27
322130 Paperboar 323 Printing and 324 Petroleum 324110 Petroleum 324121 Asphalt Pa 324199 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial (325181 Alkalies ar	ills, except Newsprint	204	204	46	103	177	150	51	0	99
323 Printing and 324 Petroleum a 324110 Petroleum a 324121 Asphalt P 324129 Other Petr 325 Chemicals 325110 Petrochen 325120 Industrial C Indus		26	26	4	18	15	20	W	0	16
324110 Petroleum a 324110 Petroleum a 324121 Asphalt Pa 324199 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial C 325181 Alkalies an		177 15.313	177 15.313	48 W	98 250	147 10.055	132 2.469	30 0	W	95 471
324110 Petroleum 324121 Asphalt Pa 324199 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial C 325181 Alkalies an		2,024	2,017	156	250 995	1,315	2,469 677	9	0	572
324121 Asphalt Pa 324199 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial 0 325181 Alkalies ar		232	2,017	29	110	202	107	W	0	189
324199 Other Petr 325 Chemicals 325110 Petrochem 325120 Industrial C 325181 Alkalies ar	Paving Mixture and Block	1,338	1,332	122	733	767	233	W	0	256
325 Chemicals 325110 Petrochem 325120 Industrial C 325181 Alkalies an	etroleum and Coal Products	48	48	0	32	44	20	4	0	29
325120 Industrial C 325181 Alkalies an		8,289	8,287	39	1,594	6,339	3,658	71	0	1,187
325181 Alkalies ar	emicals	40	40	W	24	38	9	0	0	26
		486	486	0	18	176	Q	0	0	9
	and Chlorine	35	35	0	21	27	18	5	0	18
		33	32	W	11	29	8	0	0	.11
	asic Inorganic Chemicals	470	470	W	204	399	263	5 0	0	145
325192 Cyclic Cru 325193 Ethyl Alcoh	rudes and Intermediates	24 185	24 185	0	14 82	23 170	13 57	12	0 0	14 54
	asic Organic Chemicals	476	475	w	174	423	254	6	0	168
	Materials and Resins	744	744	3	169	627	425	5	0	166
325212 Synthetic F		126	126	0	20	78	52	w	0	21
	llosic Organic Fibers	77	77	5	23	59	42	4	0	22
325311 Nitrogenou	ous Fertilizers	70	70	W	40	44	30	0	0	29
	tic Fertilizers	65	65	W	24	32	24	W	0	23
	ceuticals and Medicines	1,178	1,178	9	213	956	227	6	0	107
	ceutical Preparation	609	609	W	129	500	117	6	0	54
	aphic Film, Paper, Plate, and Chemicals	138	138	W W	19 557	117	37 4,236	W W	0	18 677
	nd Rubber Products lic Mineral Products	8,268 11,997	8,268 11,997	VV Q	5,689	6,374 6,460	3,826	254	28	2,145
	d Structural Clay Tile	156	156	w	3,089	146	46	11	0	2,143
327211 Flat Glass		51	51	0	34	47	34	0	0	33
	essed and Blown Glass and Glassware	163	163	0	39	140	76	0	0	41
327213 Glass Con		68	68	0	39	63	46	0	0	31
327215 Glass Prod	roducts from Purchased Glass	561	561	0	46	410	229	W	0	124
327310 Cements		209	209	4	150	127	84	97	11	102
327410 Lime		83	83	W	63	43	36	51	W	53
327420 Gypsum	M 1	138	138	W	64	113	111	0	0	35
327993 Mineral W		203	203	0	67	150	93	0	12	40
331 Primary Me 331111 Iron and S		3,196 427	3,196 427	10 W	918 168	2,698 345	1,775 186	22 22	96 20	882 165
	Steel Mills netallurgical Ferroalloy Products	20	20	0	168	345 17	186	0	20 W	13
	oducts from Purchased Steel	418	418	w	120	319	235	0	W	135
	and Aluminum	388	388	W	125	288	201	0	0	101
	ary Smelting and Alloying of Aluminum	79	79	W	49	71	50	0	ő	26
331316 Aluminum	n Sheet, Plate and Foils	67	67	0	31	61	41	0	0	23 42

Table 4.4 Number of Establishments by Offsite-Produced Fuel Consumption, 2010;

Level: National Data;

Row: NAICS Codes; Column: Energy Sources;

Unit: Establishment Counts.

NAICS		Any Energy		Residual	Distillate		LPG and		Coke	
Code(a)	Subsector and Industry	Source(b)	Electricity(c)	Fuel Oil	Fuel Oil(d)	Natural Gas(e)	NGL(f)	Coal	and Breeze	Other(g)
3314	Nonferrous Metals, except Aluminum	602	602	W	143	486	341	0	W	145
331419	Primary Smelting and Refining of Nonferrous Metals, except Copper and Aluminum	82	82	0	31	69	48	0	W	35
3315	Foundries	1,341	1,341	0	346	1,243	802	0	59	323
331511	Iron Foundries	332	332	0	179	313	227	0	59	121
331521	Aluminum Die-Casting Foundries	162	162	0	7	135	112	0	0	37
331524	Aluminum Foundries, except Die-Casting	271	271	0	54	248	150	0	0	32
332	Fabricated Metal Products	32,369	32,369	W	3,644	23,127	16,141	W	0	4,788
333	Machinery	14,370	14,370	W	1,297	10,772	6,081	0	0	2,018
334	Computer and Electronic Products	6,685	6,685	5	509	4,021	1,012	0	0	339
334413	Semiconductors and Related Devices	419	419	W	64	291	66	0	0	60
335	Electrical Equip., Appliances, and Components	3,294	3,294	W	422	2,786	1,140	0	W	360
336	Transportation Equipment	6,270	6,270	16	1,013	4,667	3,503	5	0	1,170
336111	Automobiles	68	68	0	8	44	41	W	0	10
336112	Light Trucks and Utility Vehicles	50	50	0	10	38	9	W	0	9
3364	Aerospace Product and Parts	1,077	1,077	W	136	895	328	W	0	206
336411	Aircraft	278	278	10	64	255	98	0	0	96
337	Furniture and Related Products	8,257	8,187	0	512	5,022	3,502	W	0	398
339	Miscellaneous	13,494	13,491	W	473	9,377	3,536	W	0	916
	Total	170,166	170,061	1,002	24,489	115,991	65,203	868	134	20,312

- (a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).
- (b) 'Ány Energy Source' represents the non-duplicative total of establishments identified with any of the listed energy sources. This count includes only those establishments that reported this activity in 2010.
- (c) 'Electricity' consists of quantities of electricity that were purchased or transferred in, and is equivalent to 'purchased electricity' as defined in the 'Annual Survey of Manufactures.'
- (d) 'Distillate Fuel Oil' includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels
- (e) '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.
- (f) Examples of Liquefied Petroleum Gases '(LPG)' are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids '(NGL).'
- (g) 'Other' includes all other energy that was purchased or transferred in and not shown elsewhere.
- (h) The establishment counts from the current frame represent the best classifications available according to current procedures. However, some errors in classification can produce results that are in obvious disagreement with other known sources. Such is the case for Petroleum Refineries, NAICS 324110. Upon later examination, this industry includes establishments that should probably be classified in other industries within 324. Their influence on energy consumption quantities should be minimal due to the relatively much higher energy intensities of correctly classified petroleum refineries.

NF=No applicable RSE row/column factor.

- * Estimate less than 0.5.
- W=Withheld to avoid disclosing data for individual establishments.
- Q=Withheld because Relative Standard Error is greater than 50 percent.

 NA=Not available.

Notes: Totals may not equal sum of components because of independent rounding. The derived estimates presented in this table represent the consumption of energy originally produced offsite, acquired as a result of a purchase or transfer and consumed onsite for the production of heat and power. This definition is consistent with the definition of 'purchased' fuels and electric energy used by the Bureau of the Census in the preparation of 'Fuels and Electric Energy Consumed,' of the 'Annual Survey of Manufactures,' for 1974 through 1981.

Source: Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Form EIA-846, '2010 Manufacturing Energy Consumption Survey,' and Office of Petroleum and Biofuels Statistics, Form EIA-810, 'Monthly Refinery Report' for 2010.