

Table 3.3 Fuel Consumption, 2006;

Level: National and Regional Data;

Row: Values of Shipments and Employment Sizes;

Column: Energy Sources;

Unit: Trillion Btu.

Economic Characteristic(a)	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
Total United States									
Value of Shipments and Receipts (million dollars)									
Under 20	1,139	367	23	45	535	14	21	3	131
20-49	1,122	333	13	19	530	8	93	5	122
50-99	1,309	349	22	17	549	10	157	8	197
100-249	2,443	607	25	19	994	11	263	10	512
250-499	2,092	413	53	13	633	4	244	3	730
500 and Over	7,551	781	115	17	2,271	31	240	344	3,752
Total	15,657	2,851	251	129	5,512	79	1,016	374	5,445
Employment Size									
Under 50	1,103	334	10	45	550	10	32	1	122
50-99	988	233	19	15	520	7	64	3	129
100-249	2,722	656	38	27	1,024	23	339	12	604
250-499	3,317	593	44	19	1,135	15	244	7	1,259
500-999	4,170	568	57	11	1,153	16	182	5	2,178
1000 and Over	3,356	467	83	11	1,131	8	156	347	1,153
Total	15,657	2,851	251	129	5,512	79	1,016	374	5,445
Northeast Census Region									
Value of Shipments and Receipts (million dollars)									
Under 20	166	55	8	12	65	2	*	1	24
20-49	174	46	7	4	88	2	7	*	20
50-99	150	43	16	2	58	Q	14	0	14
100-249	242	64	6	2	114	1	24	Q	29
250-499	139	32	9	2	36	*	15	*	44
500 and Over	495	65	17	2	134	6	16	26	229
Total	1,365	306	64	24	494	13	76	30	359
Employment Size									
Under 50	122	42	6	12	50	1	2	*	9
50-99	130	33	4	2	62	1	6	*	23
100-249	271	77	16	5	111	4	29	1	28
250-499	221	56	13	2	77	1	11	*	62
500-999	341	47	17	2	115	6	12	Q	140
1000 and Over	279	52	8	1	79	*	16	26	98
Total	1,365	306	64	24	494	13	76	30	359
Midwest Census Region									
Value of Shipments and Receipts (million dollars)									
Under 20	446	132	Q	Q	250	4	3	1	Q
20-49	341	106	3	1	175	2	33	2	20
50-99	447	132	1	4	216	2	47	3	42
100-249	763	240	5	3	348	7	85	5	70
250-499	429	100	2	2	140	1	115	2	68
500 and Over	1,702	223	21	4	453	4	122	291	584
Total	4,127	934	37	26	1,582	21	404	304	821

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Employment Size									
Under 50	424	130	Q	Q	232	2	10	1	Q
50-99	327	76	Q	2	192	3	23	1	23
100-249	823	233	5	6	305	6	151	3	114
250-499	748	176	2	2	280	3	133	4	149
500-999	695	169	4	2	244	5	44	2	228
1000 and Over	1,110	150	19	3	329	1	43	294	271
Total	4,127	934	37	26	1,582	21	404	304	821
South Census Region									
Value of Shipments and Receipts (million dollars)									
Under 20	381	130	5	14	163	5	7	1	Q
20-49	432	137	2	8	195	3	30	3	55
50-99	554	138	3	6	216	4	68	3	115
100-249	1,124	230	11	8	407	3	108	2	356
250-499	1,239	203	40	6	359	2	103	1	526
500 and Over	4,490	428	71	6	1,448	10	95	27	2,405
Total	8,219	1,267	131	48	2,788	27	410	37	3,512
Employment Size									
Under 50	412	120	2	14	206	5	9	0	Q
50-99	408	93	5	6	208	1	27	1	67
100-249	1,222	271	9	10	479	5	109	5	334
250-499	1,826	270	24	9	597	8	66	1	851
500-999	2,690	296	35	5	661	5	109	2	1,577
1000 and Over	1,661	217	57	4	637	2	90	27	627
Total	8,219	1,267	131	48	2,788	27	410	37	3,512
West Census Region									
Value of Shipments and Receipts (million dollars)									
Under 20	147	50	3	7	57	3	10	0	16
20-49	175	44	Q	Q	72	1	23	0	27
50-99	159	35	2	4	60	1	28	2	26
100-249	314	73	4	6	125	1	47	1	58
250-499	285	77	2	4	99	1	11	*	92
500 and Over	865	64	7	5	236	12	7	0	533
Total	1,945	344	18	32	649	19	126	3	754
Employment Size									
Under 50	144	42	1	7	61	2	11	0	21
50-99	123	32	2	Q	58	1	8	0	16
100-249	406	75	8	6	130	7	49	2	129
250-499	521	92	6	7	181	3	34	1	197
500-999	444	56	1	2	134	1	17	0	234
1000 and Over	306	48	*	3	86	4	7	0	157
Total	1,945	344	18	32	649	19	126	3	754

(a) Value of Shipments and Receipts and Employment Size categories were supplied by the

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Economic Characteristic(a)	Total	Net Electricity(b)	Residual Fuel Oil	Distillate Fuel Oil(c)	Natural Gas(d)	LPG and NGL(e)	Coal	Coke and Breeze	Other(f)
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Bureau of the Census.

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

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

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

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

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

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: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding. The estimates presented in this table are for the total consumption of energy (formerly total inputs of energy) for the production of heat, power, and electricity generation, regardless of where the energy was produced. Specifically, the estimates include the quantities of energy that were originally produced onsite 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. During manufacturing processes, it is possible that the thermal energy content of an energy input is not completely consumed for the production of heat, power, or electricity generation. Hence, residuals of that input may remain. Those residual leftovers may be subsequently consumed for fuel purposes, whether onsite or offsite at another manufacturing establishment (for example, blast furnace gas as a byproduct recovered from coke and other inputs that were not completely consumed). In such cases, double counting of inputs cannot be avoided, and the "Fuel Consumption" estimates will be inflated.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey,' and Office of Oil and Gas, Petroleum Supply Division, Form EIA-810, 'Monthly Refinery Report' for 2006, and the Bureau of the Census, data files for the '2006 Annual Survey of Manufacturers.'