

Table A28. Total Expenditures for Purchased Energy Sources by Census Region and Economic Characteristics of the Establishment, 1991
(Estimates in Million Dollars)

Economic Characteristics ^a	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil ^b	Natural Gas ^c	LPG	Coal	Coke and Breeze	Other ^d	RSE Row Factors
Total United States										
RSE Column Factors:	0.5	0.5	1.5	1.3	0.7	1.3	1.4	1.5	1.1	
Value of Shipments and Receipts (million dollars)										
Under 20	10,116	7,044	W	351	2,006	W	177	43	272	8.3
20-49	8,726	5,631	166	154	1,873	88	422	66	326	7.1
50-99	7,487	4,406	150	76	W	W	W	60	437	5.4
100-249	10,778	5,693	204	72	2,464	846	W	W	724	3.6
250-499	8,618	3,950	217	53	W	1,229	W	92	548	3.7
500 and Over	15,333	5,374	W	95	3,450	3,278	1,280	W	1,086	3.3
Total	61,059	32,098	982	801	13,557	5,848	3,326	1,054	3,393	3.2
Employment Size										
Under 50	4,244	2,838	W	204	W	61	W	5	127	13.2
50-99	4,742	2,805	127	111	1,088	196	83	24	308	9.5
100-249	11,416	6,479	134	173	2,716	812	W	W	453	6.1
250-499	11,123	5,924	173	104	2,516	1,057	413	89	847	3.7
500-999	11,737	6,045	162	81	2,607	1,532	W	W	706	3.8
1,000 and Over	17,796	8,007	W	127	W	2,190	1,695	791	952	3.2
Total	61,059	32,098	982	801	13,557	5,848	3,326	1,054	3,393	3.2
Northeast Census Region										
RSE Column Factors:	0.6	0.6	0.8	1.4	0.6	1.5	1.7	1.7	1.0	
Value of Shipments and Receipts (million dollars)										
Under 20	2,262	1,531	36	132	W	W	Q	W	58	12.7
20-49	1,562	1,051	46	40	W	16	94	W	33	11.3
50-99	1,155	756	63	21	248	8	24	8	27	8.5
100-249	1,483	860	82	22	276	W	W	W	69	5.0
250-499	989	558	119	W	156	11	W	W	57	5.7
500 and Over	1,485	746	48	W	220	1	W	0	53	6.0
Total	8,936	5,502	393	248	1,551	95	W	W	297	5.3
Employment Size										
Under 50	W	624	7	W	166	W	W	*	27	20.0
50-99	W	553	20	W	159	W	5	W	W	15.0
100-249	1,732	1,095	51	64	283	W	174	6	W	13.5
250-499	1,386	931	69	25	295	13	W	W	26	6.8
500-999	W	1,051	79	W	284	17	W	W	100	6.2
1,000 and Over	W	1,249	168	34	365	9	W	W	78	5.7
Total	8,936	5,502	393	248	1,551	95	W	W	297	5.3

See footnotes at end of table.

Table A28. Total Expenditures for Purchased Energy Sources by Census Region and Economic Characteristics of the Establishment, 1991 (Continued)
(Estimates in Million Dollars)

Economic Characteristics ^a	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil ^b	Natural Gas ^c	LPG	Coal	Coke and Breeze	Other ^d	RSE Row Factors
Midwest Census Region										
RSE Column Factors:	0.5	0.5	1.7	1.7	0.6	1.4	1.0	1.4	1.1	
Value of Shipments and Receipts (million dollars)										
Under 20	W	2,002	Q	W	715	30	38	20	W	11.6
20-49	2,381	1,511	7	W	634	20	W	W	69	9.8
50-99	W	1,215	5	13	W	10	W	24	100	7.5
100-249	2,258	1,313	13	11	533	62	W	W	W	5.1
250-499	1,883	1,032	W	8	W	W	W	W	71	4.9
500 and Over	4,121	2,062	W	31	W	4	623	406	98	4.7
Total	15,598	9,135	W	152	3,657	W	1,161	597	474	4.1
Employment Size										
Under 50	1,240	785	Q	49	359	W	6	W	23	18.3
50-99	W	848	Q	19	329	13	35	W	W	15.7
100-249	2,941	1,826	8	23	754	23	W	23	W	8.6
250-499	2,566	1,473	8	12	W	W	W	33	86	6.2
500-999	W	1,294	7	10	506	W	118	W	66	5.8
1,000 and Over	5,389	2,909	W	39	W	W	660	W	151	4.2
Total	15,598	9,135	W	152	3,657	W	1,161	597	474	4.1
South Census Region										
RSE Column Factors:	0.5	0.5	1.8	1.4	0.8	1.1	0.9	1.7	1.1	
Value of Shipments and Receipts (million dollars)										
Under 20	3,259	2,313	W	W	W	W	47	W	106	11.3
20-49	3,472	2,251	99	W	710	40	W	25	129	9.5
50-99	3,155	1,746	61	26	673	W	147	23	W	7.8
100-249	5,180	2,416	97	25	1,251	W	W	20	W	4.9
250-499	4,768	1,740	89	27	1,239	W	W	W	344	4.7
500 and Over	8,540	1,744	45	35	W	3,271	246	W	890	4.3
Total	28,373	12,210	W	276	6,564	W	1,166	315	2,030	3.9
Employment Size										
Under 50	1,290	858	Q	W	272	W	Q	1	46	13.7
50-99	1,867	905	98	W	437	W	20	W	190	13.6
100-249	4,873	2,466	61	54	1,165	W	W	W	190	8.3
250-499	5,797	2,648	71	47	1,257	W	W	28	634	5.3
500-999	6,110	2,682	68	35	1,344	W	W	25	336	4.4
1,000 and Over	8,436	2,651	112	45	2,088	2,168	505	232	634	4.4
Total	28,373	12,210	W	276	6,564	W	1,166	315	2,030	3.9

See footnotes at end of table.

Table A28. Total Expenditures for Purchased Energy Sources by Census Region and Economic Characteristics of the Establishment, 1991 (Continued)
(Estimates in Million Dollars)

Economic Characteristics ^a	Total	Electricity	Residual Fuel Oil	Distillate Fuel Oil ^b	Natural Gas ^c	LPG	Coal	Coke and Breeze	Other ^d	RSE Row Factors
	West Census Region									
RSE Column Factors:	0.5	0.6	1.3	1.4	0.7	1.4	1.6	1.2	1.0	
Value of Shipments and Receipts (million dollars)										
Under 20	W	1,198	9	54	W	18	12	2	W	12.6
20-49	1,311	818	14	W	W	12	W	16	95	11.5
50-99	W	688	21	16	310	7	26	5	W	8.9
100-249	1,857	1,104	12	12	404	7	W	W	244	7.3
250-499	979	620	W	W	204	1	W	W	75	4.8
500 and Over	1,187	822	W	W	292	2	W	0	46	6.3
Total	8,151	5,251	60	124	1,785	48	W	W	592	5.7
Employment Size										
Under 50	W	571	Q	W	W	7	W	W	31	12.4
50-99	772	499	7	22	163	8	22	2	48	16.0
100-249	1,871	1,091	15	32	513	W	62	W	121	10.6
250-499	1,374	873	25	20	W	8	W	W	100	7.7
500-999	1,762	1,018	8	W	473	4	W	W	204	6.6
1,000 and Over	W	1,199	4	9	192	W	W	*	88	5.8
Total	8,151	5,251	60	124	1,785	48	W	W	592	5.7

^a Value of Shipments and Receipts and Employment Size were supplied by the Bureau of the Census. See Appendix B.

^b "Distillate Fuel Oil" includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

^c "Natural Gas" includes natural gas obtained from utilities, transmission pipelines, and any other supplier(s) such as brokers and producers.

^d "Other" energy sources include such combustible energy sources as wood waste, hydrogen, or waste oils and tars.

* Estimate less than 0.5. Data are included in higher level totals.

W=Withheld to avoid disclosing data for individual establishments. Data are included in higher level totals.

Q=Withheld because Relative Standard Error is greater than 50 percent. Data are included in higher level totals.

Notes: • To obtain a 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. • To minimize respondent burden, quantities of petroleum based products (e.g., residual and distillate fuel oil and LPG) purchased, and associated expenditures, were not collected from the Refinery Industry, SIC 2911. These products are produced by petroleum refineries rather than purchased by them.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy End Use and Integrated Statistics Division, Form EIA-846, "1991 Manufacturing Energy Consumption Survey," and Bureau of the Census, Industry Division, data files for the "1991 Annual Survey of Manufactures."