

Table 3a. Purchased Fuels and Electric Energy
Consumed by Industry: 1997

NAICS Industry	Description	Purchased Fuels and Electric Energy (\$1,000)	Coal		Fuel Oil					
			Quantity (thousand short tons)	Cost (\$1,000)	Total		Distillate		Residual	
					Quantity (thousand barrels)	Cost (\$1,000)	Quantity (thousand barrels)	Cost (\$1,000)	Quantity (thousand barrels)	Cost (\$1,000)
	All Mineral Industries	7,161,432	2,808	80,584	34,983	1,077,160	28,727	906,048	6,256	171,112
211	Oil and Gas Extraction	2,848,332	0	0	2,761.2	84,322	2,065.5	62,572	695.7	21,750
2111	Oil and Gas Extraction	2,848,332	0	0	2,761.2	84,322	2,065.5	62,572	695.7	21,750
21111	Oil and Gas Extraction	2,848,332	0	0	2,761.2	84,322	2,065.5	62,572	695.7	21,750
211111	Crude Petroleum and Natural Gas Extraction	2,526,835	0	0	2,666.4	81,768	2,017.8	61,219	648.6	20,549
211112	Natural Gas Liquid Extraction	321,497	0	0	94.9	2,554	47.7	1,353	47.1	1,201
212	Mining (except Oil and Gas)	3,639,305	2,808.4	80,584	23,968.1	740,909	21,474.3	669,970	2,493.8	70,939
2121	Coal Mining	905,344	D	D	9,080.5	268,801	8,179.5	243,099	900.9	25,702
21211	Coal Mining	905,344	D	D	9,080.5	268,801	8,179.5	243,099	900.9	25,702
212111	Bituminous Coal and Lignite Surface Mining	546,389	D	D	8,141.6	239,973	7,420.4	219,512	721.2	20,461
212112	Bituminous Coal Underground Mining	346,473	D	D	800.7	24,635	655.9	20,584	144.8	4,051
212113	Anthracite Mining	12,482	0	0	138.2	4,193	103.2	3,003	34.9	1,190
2122	Metal Ore Mining	1,237,214	D	D	7,802.2	245,745	7,351.3	231,824	450.9	13,921
21221	Iron Ore Mining	375,972	D	D	910.7	24,505	910.7	24,505	0	0
212210	Iron Ore Mining	375,972	D	D	910.7	24,505	910.7	24,505	0	0
21222	Gold Ore and Silver Ore Mining	367,516	D	D	D	D	D	D	D	D
212221	Gold Ore Mining	358,305	D	D	D	D	3,130.5	103,489	D	D
212222	Silver Ore Mining	9,211	0	0	D	D	D	D	D	D
21223	Copper, Nickel, Lead and Zinc Mining	439,596	D	D	D	D	D	D	D	D
212231	Lead Ore and Zinc Ore Mining	28,725	D	D	D	D	D	D	D	D
212234	Copper Ore and Nickel Ore Mining	410,871	0	0	D	D	3,057.9	95,634	D	D
21229	Other Metal Ore Mining	54,130	0	0	295.7	8,039	124.5	4,140	171.2	3,899
212291	Uranium-Radium-Vanadium Ore Mining	7,103	0	0	1.5	59	1.5	59	0	0
212299	All Other Metal Ore Mining	47,027	0	0	294.2	7,980	123.0	4,081	171.2	3,899
2123	Nonmetallic Mineral Mining and	1,496,747	2,250.7	60,375	7,085.4	226,363	5,943.5	195,047	1,141.9	31,316
21231	Stone Mining and Quarrying	535,086	D	D	4,046.6	128,526	3,501.0	113,063	545.6	15,463
212311	Dimension Stone Mining and Quarrying	8,167	0	0	33.5	1,148	27.5	972	6.0	176
212312	Crushed and Broken Limestone Mining and Quarrying	347,499	43.0	1,569	2,620.8	84,713	2,312.4	75,817	308.4	8,896
212313	Crushed and Broken Granite Mining and Quarrying	88,182	D	D	863.6	25,093	692.7	20,387	170.9	4,706
212319	Other Crushed and Broken Stone Mining and Quarrying	91,238	0	0	528.7	17,572	468.4	15,887	60.3	1,685
21232	Sand, Gravel, Clay, and Ceramic and Refractory Minerals Mining and	549,822	D	D	D	D	D	D	D	D
212321	Construction Sand and Gravel Mining	327,140	D	D	1,718.9	58,447	1,403.8	48,795	315.1	9,652
212322	Industrial Sand Mining	57,905	D	D	121.0	3,621	87.6	2,797	33.3	824
212324	Kaolin and Ball Clay Mining	102,394	D	D	D	D	D	D	D	D
212325	Clay and Ceramic and Refractory Minerals Mining	62,383	241.3	6,897	275.9	6,029	207.4	4,696	68.6	1,333
21239	Other Nonmetallic Mineral Mining and Quarrying	411,839	1,772.0	45,725	D	D	D	D	D	D
212391	Mining	172,648	1,712.2	43,827	86.4	3,000	D	D	D	D
212392	Phosphate Rock Mining	137,820	D	D	423.7	12,696	315.1	10,305	108.6	2,391
212393	Other Chemical and Fertilizer Mineral Mining	47,628	0	0	D	D	D	D	D	D
212399	All Other Nonmetallic Mineral Mining	53,743	D	D	228.7	7,315	174.1	6,116	54.6	1,199
213	Support Activities for Mining	673,795	0	0	8,253.7	251,929	5,186.8	173,506	3,067.0	78,423
2131	Support Activities for Mining	673,795	0	0	8,253.7	251,929	5,186.8	173,506	3,067.0	78,423
21311	Support Activities for Mining	673,795	0	0	8,253.7	251,929	5,186.8	173,506	3,067.0	78,423
213111	Drilling Oil and Gas Wells	266,887	0	0	5,309.4	159,363	3,355.3	107,442	1,954.1	51,921
213112	Support Activities for Oil and Gas Operations	355,893	0	0	2,456.9	76,231	1,424.8	52,028	1,032.1	24,203
213113	Support Activities for Coal Mining	27,936	0	0	213.2	6,910	166.4	5,583	47.8	1,327
213114	Support Activities for Metal Mining	10,238	0	0	113.9	3,988	113.9	3,988	0	0
213115	Support Activities for Nonmetallic Minerals (except Fuels)	12,841	0	0	160.5	5,437	127.4	4,465	33.0	972

(D) Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
(Z) Less than half the unit shown.

Table 3a. Purchased Fuels and Electric Energy
Consumed by Industry: 1997

NAICS Industry	Description	Gas		Gasoline		Other Fuels (\$1,000)	Undistributed Fuels (\$1,000)	Electric Energy		
		Quantity (billion cubic feet)	Cost (\$1,000)	Quantity (million gallons)	Cost (\$1,000)			Purchased		Generated Less Sold (million kWh)
								Quantity (million kWh)	Cost (\$1,000)	
	All Mineral Industries	353	904,984	244	272,715	124,879	748,054	80,150	3,953,056	5,244
211	Oil and Gas Extraction	230.2	597,596	100.2	107,499	D	D	32,797.5	1,780,528	4,036.0
2111	Oil and Gas Extraction	230.2	597,596	100.2	107,499	D	D	32,797.5	1,780,528	4,036.0
21111	Oil and Gas Extraction	230.2	597,596	100.2	107,499	D	D	32,797.5	1,780,528	4,036.0
211111	Crude Petroleum and Natural Gas Extraction	169.7	459,812	98.3	105,255	38,537	217,570	29,591.4	1,623,889	3,326.0
211112	Natural Gas Liquid Extraction	60.5	137,784	1.9	2,244	D	D	3,206.1	156,639	710.0
212	Mining (except Oil and Gas)	120.3	303,066	77.4	75,808	56,343	313,939	45,629.9	2,068,656	928.3
2121	Coal Mining	D	D	33.6	28,758	2,579	D	11,448.3	490,413	D
21211	Coal Mining	D	D	33.6	28,758	2,579	D	11,448.3	490,413	D
212111	Bituminous Coal and Lignite Surface Mining	0.7	2,011	29.4	24,031	D	89,002	4,238.7	184,120	D
212112	Bituminous Coal Underground Mining	0.5	2,552	4.0	4,385	D	10,583	7,122.5	300,143	D
212113	Anthracite Mining	D	D	0.3	342	0	D	87.1	6,150	0
2122	Metal Ore Mining	D	D	18.3	19,721	29,619	D	19,949.1	823,413	D
21221	Iron Ore Mining	34.3	80,835	1.4	1,296	5,340	D	6,233.6	258,971	0
212210	Iron Ore Mining	34.3	80,835	1.4	1,296	5,340	D	6,233.6	258,971	0
21222	Gold Ore and Silver Ore Mining	5.1	11,494	13.2	14,451	D	D	4,561.2	196,990	D
212221	Gold Ore Mining	D	D	13.1	14,297	22,411	6,567	4,393.7	190,593	D
212222	Silver Ore Mining	D	D	0.1	154	D	D	167.5	6,397	0
21223	Copper, Nickel, Lead and Zinc Mining	D	D	3.2	3,398	D	D	8,239.3	325,948	D
212231	Lead Ore and Zinc Ore Mining	D	D	0.1	91	D	94	460.2	19,501	D
212234	Copper Ore and Nickel Ore Mining	1.8	4,085	3.1	3,307	357	D	7,779.1	306,447	D
21229	Other Metal Ore Mining	0.8	1,963	0.5	576	801	1,247	915.0	41,504	0
212291	Uranium-Radium-Vanadium Ore Mining	0.3	834	0.1	153	135	661	104.8	5,261	0
212299	All Other Metal Ore Mining	0.5	1,129	0.4	423	666	586	810.2	36,243	0
2123	Nonmetallic Mineral Mining and	77.0	200,058	25.4	27,329	24,145	203,647	14,232.4	754,830	611.4
21231	Stone Mining and Quarrying	D	D	14.9	16,055	D	85,398	4,698.3	281,373	18.3
212311	Dimension Stone Mining and Quarrying	Z	16	0.3	352	32	2,207	75.0	4,412	0
212312	Crushed and Broken Limestone Mining and Quarrying	2.3	6,595	11.3	12,149	2,458	56,418	3,165.0	183,597	13.3
212313	Crushed and Broken Granite Mining and Quarrying	D	D	1.9	1,971	D	6,003	735.8	48,076	2.4
212319	Other Crushed and Broken Stone Mining and Quarrying	1.8	5,851	1.5	1,583	174	20,770	722.6	45,288	2.6
21232	Sand, Gravel, Clay, and Ceramic and Refractory Minerals Mining and	28.8	84,871	D	D	D	107,011	4,656.1	260,715	D
212321	Construction Sand and Gravel Mining	1.4	3,759	5.7	6,044	D	96,872	2,523.6	160,876	4.0
212322	Industrial Sand Mining	6.4	17,103	D	D	1,235	3,542	565.9	31,341	0
212324	Kaolin and Ball Clay Mining	14.0	43,932	0.7	805	582	2,403	1,131.5	44,803	0
212325	Clay and Ceramic and Refractory Minerals Mining	7.0	20,077	0.4	427	1,064	4,194	435.0	23,695	D
21239	Other Nonmetallic Mineral Mining and Quarrying	D	D	D	D	D	11,238	4,878.0	212,742	D
212391	Mining	25.2	51,901	0.3	322	D	D	1,317.1	55,703	D
212392	Phosphate Rock Mining	0.7	2,202	1.4	1,520	1,195	D	2,932.6	117,765	D
212393	Other Chemical and Fertilizer Mineral Mining	D	D	D	D	D	D	210.7	13,441	D
212399	All Other Nonmetallic Mineral Mining	3.6	10,795	1.1	1,299	D	7,189	417.6	25,833	0.5
213	Support Activities for Mining	2.2	4,322	67.0	89,408	D	D	1,722.4	103,872	279.7
2131	Support Activities for Mining	2.2	4,322	67.0	89,408	D	D	1,722.4	103,872	279.7
21311	Support Activities for Mining	2.2	4,322	67.0	89,408	D	D	1,722.4	103,872	279.7
213111	Drilling Oil and Gas Wells	0.6	1,184	26.0	26,348	2,410	60,739	239.5	16,843	D
213112	Support Activities for Oil and Gas Operations	1.4	2,662	37.6	59,115	8,954	133,204	1,302.8	75,727	D
213113	Support Activities for Coal Mining	D	D	0.9	990	D	D	123.5	7,114	D
213114	Support Activities for Metal Mining	D	D	1.8	2,169	D	D	22.4	1,954	0
213115	Support Activities for Nonmetallic Minerals (except Fuels)	D	D	0.7	786	D	4,339	34.3	2,234	D

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