

Table 197. Energy Consumption Estimates by Source, Selected Years 1960-1999, New Jersey

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum											Nuclear Electric Power	Hydro-electric Power ^d	Wood and Waste	Other ^{a,e}	Net Interstate Flow of Electricity/Losses ^f	Total ^g
			Asphalt & Road Oil ^a	Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	Kero-sene ^a	LPG ^a	Lubri-cants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,c}	Total						
			Thousand Barrels															Million kWh	
1960	6,424	139	4,657	1,147	46,051	2,125	2,468	3,213	1,879	48,706	42,854	R 12,834	R 165,934	0	45	—	—	4,034	—
1965	9,034	210	5,340	1,153	53,611	5,280	2,096	4,268	2,052	55,149	42,900	R 20,232	R 192,082	0	-31	—	—	5,282	—
1970	4,946	323	5,828	160	63,391	6,705	1,829	6,748	1,952	66,231	80,770	R 24,746	R 258,360	3,454	-403	—	—	5,934	—
1975	2,397	244	5,012	92	59,630	6,267	1,211	7,328	1,741	77,617	49,463	R 25,281	R 233,642	3,146	-272	—	—	70,001	—
1980	2,634	340	4,369	83	52,854	8,781	1,694	7,383	2,371	72,740	53,617	R 29,901	R 233,792	7,627	-282	—	—	74,427	—
1985	3,943	379	4,733	184	40,389	43,910	1,404	7,184	2,158	75,405	23,986	R 22,893	R 222,246	17,770	-244	—	—	68,612	—
1990	3,029	428	3,586	119	34,884	46,377	729	4,295	2,428	78,343	15,364	R 31,916	R 218,041	23,770	R ^h -133	—	—	R 84,169	—
1991	2,326	463	3,137	100	33,247	43,733	615	6,066	2,172	79,704	17,673	R 29,816	R 216,264	24,807	R -142	—	—	R 86,635	—
1992	2,348	546	3,378	122	33,601	46,133	820	6,594	2,214	76,633	15,949	R 31,712	R 217,158	21,595	R -124	—	—	R 98,308	—
1993	2,353	552	8,291	121	34,087	48,161	519	3,722	2,255	70,463	12,813	R 31,658	R 212,000	24,932	R -104	—	—	R 95,259	—
1994	1,969	585	5,220	158	37,272	48,376	1,504	3,827	2,357	81,556	13,603	R 33,215	R 227,086	22,129	R -146	—	—	R 102,244	—
1995	2,074	591	6,151	145	33,032	50,059	1,216	4,062	2,316	82,325	12,700	R 32,076	R 224,082	16,806	R -75	—	—	R 120,770	—
1996	2,402	603	5,373	114	35,912	43,002	841	R 3,813	2,248	86,044	9,861	R 26,011	R 213,219	11,028	R -93	—	—	R 144,278	—
1997	2,867	621	8,214	133	36,317	38,738	1,701	R 4,268	2,375	88,850	9,348	R 27,284	R 217,228	13,908	R -117	—	—	R 128,027	—
1998	2,372	582	7,620	132	35,189	37,069	1,839	3,717	2,486	91,734	9,176	25,018	213,981	27,132	-126	—	—	95,384	—
1999	2,596	617	10,741	106	37,324	36,343	1,725	7,569	2,512	91,783	9,938	25,874	223,915	28,971	-128	—	—	87,547	—

Trillion Btu																			
1960	168.8	144.1	30.9	5.8	268.2	11.5	14.0	12.9	11.4	255.9	269.4	R 76.3	R 956.3	0.0	0.5	20.0	0.0	13.8	R 1,303.5
1965	236.6	219.2	35.4	5.8	312.3	29.4	11.9	17.1	12.4	289.7	269.7	R 115.9	R 1,099.7	0.0	-0.3	24.0	0.0	18.0	R 1,597.2
1970	123.3	331.2	38.7	0.8	369.3	37.5	10.4	25.5	11.8	347.9	507.8	R 140.1	R 1,489.8	37.9	-4.2	30.1	0.0	20.2	R 2,028.4
1975	60.5	251.7	33.3	0.5	347.3	35.1	6.9	27.2	10.6	407.7	311.0	R 144.1	R 1,323.6	34.6	-2.8	33.8	0.0	238.8	R 1,940.2
1980	68.7	351.0	29.0	0.4	307.9	49.3	9.6	27.1	14.4	382.1	337.1	R 168.6	R 1,325.5	83.2	-2.9	R 58.4	0.0	253.9	R 2,137.9
1985	103.3	389.1	31.4	0.9	235.3	248.6	8.0	25.9	13.1	396.1	150.8	R 128.5	R 1,238.5	192.1	-2.6	R 48.8	0.0	234.1	R 2,203.4
1990	80.9	439.0	23.8	0.6	203.2	262.6	4.1	15.6	14.7	411.5	96.6	R 178.8	R 1,211.6	253.9	R ^h -1.4	R 23.1	R ^h 0.4	R 287.2	R ^h 2,294.6
1991	62.0	475.5	20.8	0.5	193.7	247.0	3.5	21.9	13.2	418.7	111.1	R 168.2	R 1,198.5	266.4	R -1.5	R 32.0	R 0.5	R 295.6	R 2,329.0
1992	62.8	560.5	22.4	0.6	195.7	261.2	4.7	23.9	13.4	402.6	100.3	R 177.7	R 1,202.5	230.6	R -1.3	R 35.0	R 0.5	R 335.4	R 2,426.0
1993	62.7	571.8	55.0	0.6	198.6	272.8	2.9	13.4	13.7	370.1	80.6	R 177.8	R 1,185.5	266.3	-1.1	R 37.0	R 0.5	R 325.0	R 2,447.7
1994	52.4	607.7	34.6	0.8	217.1	274.2	8.5	13.9	14.3	R 426.5	85.5	R 186.6	R 1,262.1	236.3	R -1.5	R 41.6	R 0.6	R 348.9	R 2,548.0
1995	55.0	610.9	40.8	0.7	192.4	283.8	6.9	14.7	14.0	R 429.3	79.8	R 180.3	R 1,242.9	179.1	R -0.8	R 51.7	R 0.6	R 412.1	R 2,551.5
1996	62.4	624.6	35.7	0.6	209.2	243.8	4.8	R 13.8	13.6	R 448.8	62.0	R 148.6	R 1,180.8	117.1	-1.0	R 46.2	0.6	R 492.3	R 2,523.1
1997	75.0	642.8	54.5	0.7	211.5	219.6	9.6	R 15.4	14.4	R 463.2	58.8	R 156.1	R 1,203.9	147.7	R -1.2	R 38.3	0.6	R 436.8	R 2,544.0
1998	62.2	603.9	50.6	0.7	205.0	210.2	10.4	13.4	15.1	478.1	57.7	142.6	1,183.7	288.2	-1.3	33.4	0.7	325.5	2,496.2
1999	68.2	640.9	71.3	0.5	217.4	206.1	9.8	27.4	15.2	478.3	62.5	147.1	1,235.6	307.8	-1.3	38.2	0.7	298.7	2,588.7

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.
^b Includes supplemental gaseous fuels.
^c "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."
^d If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.
^e "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.
^f Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.
^g From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total but not in any other columns.
^h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
 kWh=kilowatthours. R=Revised data. — =Not applicable.
 Note: Totals may not equal sum of components due to independent rounding.
 Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 198. Residential Energy Consumption Estimates, Selected Years 1960-1999, New Jersey

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum				Wood Thousand Cords	Geothermal	Solar ^c	Electricity ^a Million Kilowatthours	Net Energy	Electrical System Energy Losses ^d	Total
			Distillate Fuel ^a	Kerosene ^a	LPG ^a	Total						Million Kilowatthours	
			Thousand Barrels									Thousand Barrels	
1960	255	75	25,587	1,200	737	27,524	353	—	—	5,080	—	12,635	—
1965	158	114	29,038	969	672	30,679	338	—	—	7,410	—	17,692	—
1970	90	140	32,933	769	834	34,536	503	—	—	12,131	—	29,398	—
1975	47	129	30,655	431	964	32,050	550	—	—	14,495	—	34,964	—
1980	34	136	23,976	262	777	25,015	R 1,958	—	—	16,329	—	39,707	—
1985	62	151	18,071	907	918	19,896	1,331	—	—	17,177	—	40,356	—
1990	8	172	11,498	295	899	12,692	647	—	—	20,498	—	R 44,841	—
1991	7	177	11,069	329	1,108	12,505	682	—	—	21,539	—	R 46,825	—
1992	8	198	11,201	273	1,317	12,790	717	—	—	20,547	—	R 43,822	—
1993	5	196	11,535	223	1,391	13,149	R 765	—	—	22,042	—	R 46,556	—
1994	6	217	12,340	291	1,304	13,935	R 750	—	—	22,154	—	R 46,233	—
1995	4	194	11,647	236	1,548	13,431	R 833	—	—	22,470	—	R 46,848	—
1996	5	223	12,344	284	R 1,685	R 14,312	R 831	—	—	22,632	—	R 47,166	—
1997	4	217	11,723	292	R 1,394	R 13,409	R 427	—	—	22,286	—	R 46,358	—
1998	3	197	9,306	308	1,755	11,369	377	—	—	23,191	—	47,907	—
1999	3	209	9,824	270	1,876	11,970	404	—	—	24,551	—	48,103	—

Trillion Btu

1960	6.3	77.7	149.0	6.8	3.0	158.8	7.1	0.0	0.0	17.3	267.2	43.1	310.4
1965	3.8	119.6	169.1	5.5	2.7	177.3	6.8	0.0	0.0	25.3	332.8	60.4	393.1
1970	2.1	143.9	191.8	4.4	3.2	199.3	10.1	0.0	0.0	41.4	396.8	100.3	497.1
1975	1.1	133.4	178.6	2.4	3.6	184.6	11.0	0.0	0.0	49.5	379.5	119.3	498.8
1980	0.8	140.9	139.7	1.5	2.9	144.0	R 39.2	0.0	0.0	55.7	R 380.6	135.5	R 516.1
1985	1.4	154.3	105.3	5.1	3.3	113.7	26.6	0.0	0.0	58.6	354.6	137.7	492.3
1990	0.2	176.0	67.0	1.7	3.3	71.9	12.9	e 0.1	R e 0.4	69.9	e 331.4	153.0	R e 484.4
1991	0.2	181.1	64.5	1.9	4.0	70.3	13.6	0.1	R 0.4	73.5	R 339.2	R 159.8	R 498.9
1992	0.2	203.5	65.2	1.5	4.8	71.6	14.3	0.1	0.4	70.1	R 360.2	R 149.5	R 509.7
1993	0.1	202.6	67.2	1.3	5.0	73.5	15.3	0.1	0.4	75.2	367.2	R 158.8	526.1
1994	0.2	225.4	71.9	1.7	4.7	78.3	15.0	0.1	R 0.5	75.6	R 395.0	157.7	R 552.7
1995	0.1	201.1	67.8	1.3	5.6	74.8	R 16.7	0.1	R 0.5	76.7	R 369.9	R 159.8	R 529.7
1996	0.1	230.8	71.9	1.6	R 6.1	R 79.6	16.6	0.1	0.5	77.2	R 405.0	R 160.9	R 565.9
1997	0.1	224.5	68.3	1.7	R 5.0	R 75.0	R 8.5	0.1	0.5	76.0	R 384.8	R 158.2	R 542.9
1998	0.1	204.1	54.2	1.7	6.3	62.3	7.5	0.1	0.6	79.1	353.7	163.5	517.2
1999	0.1	217.7	57.2	1.5	6.8	65.5	8.1	0.1	0.6	83.8	375.8	164.1	539.9

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Includes small amounts of solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

— =Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 199. Commercial Energy Consumption Estimates, Selected Years 1960-1999, New Jersey

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum						Wood Thousand Cords	Geothermal	Electricity ^a Million Kilowatthours	Net Energy	Electrical System Energy Losses ^c Million Kilowatthours	Total ^d
			Distillate Fuel ^a	Kerosene ^a	LPG ^a	Motor Gasoline	Residual Fuel ^a	Total						
			Thousand Barrels											
1960	197	10	8,640	466	130	308	7,117	16,661	7	—	4,391	—	10,922	—
1965	120	20	9,805	377	119	420	7,473	18,194	6	—	6,945	—	16,582	—
1970	61	56	11,121	299	147	613	11,415	23,595	9	—	10,799	—	26,170	—
1975	32	53	10,351	168	170	634	6,484	17,807	10	—	13,849	—	33,405	—
1980	22	60	9,167	39	137	297	10,950	20,590	47	—	16,878	—	41,041	—
1985	46	83	5,638	77	162	660	3,128	9,665	R 36	—	20,903	—	49,109	—
1990	5	116	6,916	178	159	754	1,480	9,487	R 41	—	27,201	—	R 59,504	—
1991	4	121	6,559	192	195	692	1,607	9,244	R 43	—	27,992	—	R 60,853	—
1992	7	131	6,364	389	232	613	1,371	8,970	R 47	—	27,764	—	R 59,215	—
1993	3	129	5,605	160	245	77	1,997	8,084	61	—	28,862	—	R 60,960	—
1994	4	132	4,983	615	230	84	2,109	8,022	63	—	29,727	—	R 62,038	—
1995	3	139	3,357	566	273	78	1,257	5,531	63	—	30,170	—	R 62,903	—
1996	3	150	5,015	243	R 297	77	1,303	R 6,936	68	—	30,520	—	R 63,603	—
1997	2	169	3,515	750	R 246	79	810	R 5,399	R 47	—	30,127	—	R 62,668	—
1998	2	147	3,121	1,084	310	76	520	5,112	47	—	31,489	—	65,050	—
1999	2	164	4,144	1,244	331	75	709	6,503	57	—	32,897	—	64,455	—
Trillion Btu														
1960	4.9	10.7	50.3	2.6	0.5	1.6	44.7	99.9	0.1	0.0	15.0	130.5	37.3	167.8
1965	2.9	21.1	57.1	2.1	0.5	2.2	47.0	108.9	0.1	0.0	23.7	156.8	56.6	213.4
1970	1.4	57.4	64.8	1.7	0.6	3.2	71.8	142.0	0.2	0.0	36.8	237.9	89.3	327.2
1975	0.7	55.0	60.3	1.0	0.6	3.3	40.8	106.0	0.2	0.0	47.3	209.2	114.0	323.1
1980	0.5	62.5	53.4	0.2	0.5	1.6	68.8	124.5	0.9	0.0	57.6	246.0	140.0	386.1
1985	1.1	85.3	32.8	0.4	0.6	3.5	19.7	57.0	R 0.7	0.0	71.3	R 215.4	167.6	R 383.0
1990	0.1	118.5	40.3	1.0	0.6	4.0	9.3	55.1	R 0.8	e 0.0	92.8	R 267.4	203.0	R 470.4
1991	0.1	124.3	38.2	1.1	0.7	3.6	10.1	53.7	R 0.9	0.0	95.5	R 274.5	R 207.6	R 482.1
1992	0.2	134.2	37.1	2.2	0.8	3.2	8.6	52.0	R 0.9	0.0	94.7	R 282.0	R 202.0	R 484.0
1993	0.1	133.6	32.6	0.9	0.9	0.4	12.6	47.4	1.2	0.0	98.5	280.8	R 208.0	488.8
1994	0.1	137.2	29.0	3.5	0.8	0.4	13.3	47.1	1.3	0.0	101.4	287.0	211.7	498.7
1995	0.1	143.7	19.6	3.2	1.0	0.4	7.9	32.1	1.3	0.0	102.9	280.1	R 214.6	R 494.7
1996	0.1	156.0	29.2	1.4	R 1.1	0.4	8.2	R 40.3	1.4	0.0	104.1	R 301.8	R 217.0	R 518.8
1997	0.1	174.6	20.5	4.3	R 0.9	0.4	5.1	R 31.1	R 0.9	0.0	102.8	R 309.6	R 213.8	523.4
1998	(s)	152.2	18.2	6.1	1.1	0.4	3.3	29.1	0.9	0.0	107.4	289.7	221.9	511.7
1999	(s)	170.2	24.1	7.1	1.2	0.4	4.5	37.2	1.1	0.0	112.2	320.9	219.9	540.8

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^d Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

renewable energy sources beginning in 1989.

R=Revised data.

— =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 200. Industrial Energy Consumption Estimates, Selected Years 1960-1999, New Jersey

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum									Hydro-electric Power ^b Million kWh	Wood and Waste	Other ^{b,d}	Electricity ^b Million kWh	Net Energy	Electrical System Energy Losses ^e Million kWh	Total
			Asphalt and Road Oil ^b	Distillate Fuel ^b	Kero-sene ^b	LPG ^b	Lubri-cants ^b	Motor Gasoline	Residual Fuel ^b	Other ^{b,c}	Total							
			Thousand Barrels															
1960	2,368	28	4,657	6,719	802	2,340	1,194	612	18,822	R 12,834	R 47,980	10	—	—	8,021	—	19,952	—
1965	1,921	52	5,340	8,423	750	3,438	1,433	532	17,049	R 20,232	R 57,196	4	—	—	11,519	—	27,503	—
1970	740	80	5,828	9,560	761	5,665	1,379	401	22,609	R 24,746	R 70,948	4	—	—	15,215	—	36,872	—
1975	67	52	5,012	7,963	612	6,096	1,136	233	14,809	R 25,281	R 61,142	4	—	—	14,562	—	35,126	—
1980	33	63	4,369	7,339	1,393	6,429	1,658	147	17,694	R 29,901	R 68,931	3	—	—	16,345	—	39,745	—
1985	359	81	4,733	2,539	420	5,994	1,509	462	4,851	R 22,893	R 43,401	3	—	—	15,657	—	36,784	—
1990	276	90	3,586	2,907	256	3,163	1,698	460	3,673	R 31,916	R 47,658	R f 17	—	—	15,041	—	R 32,903	—
1991	234	101	3,137	2,529	95	4,693	1,519	420	3,146	R 29,816	R 45,356	R 14	—	—	15,031	—	R 32,677	—
1992	215	175	3,378	2,001	158	4,969	1,549	423	3,114	R 31,712	R 47,305	R 15	—	—	14,687	—	R 31,325	—
1993	222	189	8,291	2,074	136	2,005	1,577	542	2,615	R 31,658	R 48,900	R 20	—	—	14,596	—	R 30,829	—
1994	72	191	5,220	2,228	597	2,157	1,648	556	2,527	R 33,215	R 48,149	R 21	—	—	14,251	—	R 29,741	—
1995	13	209	6,151	1,931	414	2,172	1,620	602	1,930	R 32,076	R 46,897	R 20	—	—	13,989	—	R 29,166	—
1996	7	201	5,373	1,954	314	R 1,773	1,572	597	1,689	R 26,011	R 39,284	R 21	—	—	13,603	—	R 28,348	—
1997	10	202	8,214	1,846	658	R 2,523	1,661	628	1,384	R 27,284	R 44,198	R 12	—	—	13,369	—	R 27,809	—
1998	10	205	7,620	2,041	447	1,599	1,739	509	909	25,018	39,882	21	—	—	13,339	—	27,556	—
1999	8	207	10,741	2,088	211	5,352	1,757	242	760	25,874	47,026	17	—	—	13,121	—	25,709	—

Trillion Btu																		
1960	61.2	28.7	30.9	39.1	4.5	9.4	7.2	3.2	118.3	R 76.3	R 289.1	0.1	12.8	0.0	27.4	R 419.3	68.1	R 487.4
1965	49.0	54.6	35.4	49.1	4.3	13.8	8.7	2.8	107.2	R 115.9	R 337.1	(s)	17.1	0.0	39.3	R 497.2	93.8	R 591.1
1970	18.6	81.9	38.7	55.7	4.3	21.4	8.4	2.1	142.1	R 140.1	R 412.8	(s)	19.9	0.0	51.9	R 585.2	125.8	R 711.0
1975	1.6	54.0	33.3	46.4	3.5	22.6	6.9	1.2	93.1	R 144.1	R 351.1	(s)	22.6	0.0	49.7	R 478.9	119.9	R 598.7
1980	0.8	64.9	29.0	42.7	7.9	23.6	10.1	0.8	111.2	R 168.6	R 394.0	(s)	R 18.3	0.0	55.8	R 533.8	135.6	R 669.4
1985	8.8	83.0	31.4	14.8	2.4	21.6	9.2	2.4	30.5	R 128.5	R 240.8	(s)	R 21.5	0.0	53.4	R 407.5	125.5	R 533.0
1990	7.0	92.7	23.8	16.9	1.5	11.5	10.3	2.4	23.1	R 178.8	R 268.2	R f 0.2	R 9.3	f 0.0	51.3	R f 428.7	R 112.3	R f 541.0
1991	5.9	103.3	20.8	14.7	0.5	17.0	9.2	2.2	19.8	R 168.2	R 252.4	R 0.1	R 17.5	0.0	51.3	R 430.6	R 111.5	R 542.1
1992	5.4	179.0	22.4	11.7	0.9	18.0	9.4	2.2	19.6	R 177.7	R 261.9	0.2	R 19.7	0.0	50.1	R 516.3	R 106.9	R 623.2
1993	5.6	195.7	55.0	12.1	0.8	7.2	9.6	2.8	16.4	R 177.8	R 281.7	0.2	R 20.4	0.0	49.8	R 553.5	105.2	R 658.7
1994	1.8	198.3	34.6	13.0	3.4	7.8	10.0	2.9	15.9	R 186.6	R 274.2	0.2	R 25.3	0.0	48.6	R 548.6	101.5	R 650.0
1995	0.3	216.2	40.8	11.2	2.3	7.9	9.8	R 3.1	12.1	R 180.3	R 267.6	R 0.2	R 33.8	0.0	47.7	R 565.8	R 99.5	R 665.3
1996	0.2	208.3	35.7	11.4	1.8	6.4	9.5	3.1	10.6	R 148.6	R 227.1	0.2	R 28.2	0.0	46.4	R 510.4	R 96.7	R 607.1
1997	0.3	209.5	54.5	10.8	3.7	R 9.1	10.1	3.3	8.7	R 156.1	R 256.2	R 0.1	R 28.9	0.0	45.6	R 540.6	R 94.9	R 635.5
1998	0.2	212.5	50.6	11.9	2.5	5.8	10.5	2.7	5.7	142.6	232.3	0.2	24.9	0.0	45.5	515.6	94.0	609.7
1999	0.2	215.1	71.3	12.2	1.2	19.4	10.7	1.3	4.8	147.1	267.8	0.2	29.0	0.0	44.8	557.0	87.7	644.7

^a Includes supplemental gaseous fuels.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^c "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

kWh=kilowatthours. — =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 201. Transportation Energy Consumption Estimates, Selected Years 1960-1999, New Jersey

Year	Coal ^a	Natural Gas ^b	Petroleum								Ethanol ^c	Electricity ^a	Net Energy	Electrical System Energy Losses ^d	Total ^c
			Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	LPG ^a	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Total				Million Kilowatthours	
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Barrels	Million Kilowatthours	Million Kilowatthours		
1960	40	1	1,147	4,748	2,125	6	685	47,786	5,754	62,252	0	4	—	9	—
1965	6	(s)	1,153	5,964	5,280	40	619	54,198	6,431	73,684	0	4	—	10	—
1970	1	1	160	8,558	6,705	102	574	65,217	9,081	90,396	0	39	—	95	—
1975	(s)	(s)	92	8,907	5,777	98	605	76,750	4,246	96,475	0	43	—	105	—
1980	0	(s)	83	10,243	8,088	40	713	72,296	12,053	103,516	0	33	—	80	—
1985	0	2	184	13,470	43,910	111	649	74,283	11,010	143,615	^e 0	95	—	224	—
1990	0	3	119	12,950	46,377	75	730	77,129	7,374	144,754	^R 0	117	—	256	—
1991	0	3	100	12,515	43,733	69	653	78,592	10,203	145,866	^R 0	120	—	261	—
1992	0	4	122	13,718	46,133	76	666	75,597	9,688	146,000	^R 0	124	—	264	—
1993	0	3	121	14,486	48,161	80	678	69,845	6,492	139,863	^R 27	121	—	256	—
1994	0	3	158	17,082	48,376	135	708	80,915	6,376	153,751	^R 95	126	—	262	—
1995	0	2	145	15,732	50,059	69	696	81,644	8,174	156,519	^R 292	125	—	^R 261	—
1996	0	3	114	16,176	43,002	^R 58	676	85,370	6,111	^R 151,506	^R 246	135	—	281	—
1997	0	3	133	18,882	38,738	^R 106	714	88,143	6,802	^R 153,517	^R 279	132	—	274	—
1998	0	3	132	20,302	37,069	53	747	91,149	7,080	156,532	219	143	—	295	—
1999	0	4	106	20,755	36,343	10	755	91,466	7,778	157,212	187	134	—	263	—

Trillion Btu															
1960	1.0	0.6	5.8	27.7	11.5	(s)	4.2	251.0	36.2	336.3	0.0	(s)	337.9	(s)	338.0
1965	0.2	0.5	5.8	34.7	29.4	0.2	3.8	284.7	40.4	399.0	0.0	(s)	399.6	(s)	399.7
1970	(s)	1.0	0.8	49.8	37.5	0.4	3.5	342.6	57.1	491.7	0.0	0.1	492.8	0.3	493.1
1975	(s)	0.4	0.5	51.9	32.3	0.4	3.7	403.2	26.7	518.6	0.0	0.1	519.1	0.4	519.5
1980	0.0	0.5	0.4	59.7	45.4	0.1	4.3	379.8	75.8	565.5	0.0	0.1	566.1	0.3	566.3
1985	0.0	2.3	0.9	78.5	248.6	0.4	3.9	390.2	69.2	791.7	^e 0.0	0.3	^e 794.3	0.8	^e 795.1
1990	0.0	2.7	0.6	75.4	262.6	0.3	4.4	405.2	46.4	794.9	^R 0.0	0.4	797.9	0.9	798.8
1991	0.0	3.0	0.5	72.9	247.0	0.3	4.0	412.8	64.1	801.6	^R 0.0	0.4	805.0	0.9	805.9
1992	0.0	3.7	0.6	79.9	261.2	0.3	4.0	397.1	60.9	804.0	^R 0.0	0.4	808.1	0.9	809.0
1993	0.0	3.0	0.6	84.4	272.8	0.3	4.1	366.9	40.8	769.9	0.1	0.4	773.3	0.9	774.2
1994	0.0	2.6	0.8	99.5	274.2	0.5	4.3	^R 423.2	40.1	^R 842.6	0.3	0.4	^R 845.6	0.9	^R 846.5
1995	0.0	2.6	0.7	91.6	283.8	0.2	4.2	^R 425.8	51.4	^R 857.8	^R 1.0	0.4	^R 860.8	0.9	^R 861.7
1996	0.0	3.2	0.6	94.2	243.8	0.2	4.1	^R 445.3	38.4	^R 826.6	^R 0.9	0.5	^R 830.3	1.0	^R 831.3
1997	0.0	3.5	0.7	110.0	219.6	^R 0.4	4.3	^R 459.5	42.8	^R 837.3	^R 1.0	0.5	^R 841.2	0.9	^R 842.2
1998	0.0	2.8	0.7	118.3	210.2	0.2	4.5	475.1	44.5	853.4	0.8	0.5	856.7	1.0	857.7
1999	0.0	4.3	0.5	120.9	206.1	(s)	4.6	476.6	48.9	857.6	0.7	0.5	862.4	0.9	863.3

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

^c Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

R=Revised data.

— =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 202. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-1999, New Jersey

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Wood and Waste	Geothermal Energy	Other ^{b,f}	Total ^g
			Heavy Oil ^{b,c}	Light Oil ^{b,d}	Petroleum Coke ^b	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	3,565	25	11,160	357	0	11,518	0	35	0	0	0	—
1965	6,829	22	11,947	382	0	12,329	0	-35	0	0	0	—
1970	4,054	46	37,665	1,220	0	38,885	3,454	-407	0	0	0	—
1975	2,250	9	23,924	2,244	0	26,168	3,146	-276	0	0	0	—
1980	2,545	80	12,919	2,821	0	15,740	7,627	-286	0	0	0	—
1985	3,476	61	4,997	671	0	5,668	17,770	-247	0	0	0	—
1990	2,740	48	2,836	613	0	3,450	23,770	-150	0	0	0	—
1991	2,081	62	2,717	576	0	3,293	24,807	-155	0	0	0	—
1992	2,118	39	1,775	317	0	2,092	21,595	-138	0	0	0	—
1993	2,123	36	1,708	387	0	2,095	24,932	-123	0	0	0	—
1994	1,887	43	2,590	639	0	3,229	22,129	-167	0	0	0	—
1995	2,054	46	1,339	366	0	1,704	16,806	-95	0	0	0	—
1996	2,387	26	759	423	0	1,182	11,028	-114	0	0	0	—
1997	2,851	30	352	352	0	705	13,908	-130	0	0	0	—
1998	2,357	31	668	418	0	1,085	27,132	-146	0	0	0	—
1999	2,583	33	691	513	0	1,205	28,971	-145	0	0	0	—

Trillion Btu												
1960	95.4	26.4	70.2	2.1	0.0	72.2	0.0	0.4	0.0	0.0	0.0	194.4
1965	180.7	23.4	75.1	2.2	0.0	77.3	0.0	-0.4	0.0	0.0	0.0	281.1
1970	101.1	47.1	236.8	7.1	0.0	243.9	37.9	-4.3	0.0	0.0	0.0	425.8
1975	57.2	8.8	150.4	13.0	0.0	163.4	34.6	-2.9	0.0	0.0	0.0	261.2
1980	66.6	82.2	81.2	16.3	0.0	97.5	83.2	-3.0	0.0	0.0	0.0	326.6
1985	92.0	64.2	31.4	3.9	0.0	35.3	192.1	-2.6	0.0	0.0	0.0	381.1
1990	73.6	49.1	17.8	3.6	0.0	21.4	253.9	-1.6	0.0	0.0	0.0	396.4
1991	55.8	63.9	17.1	3.4	0.0	20.4	266.4	-1.6	0.0	0.0	0.0	404.9
1992	57.0	40.1	11.2	1.8	0.0	13.0	230.6	-1.4	0.0	0.0	0.0	339.3
1993	56.9	36.8	10.7	2.3	0.0	13.0	266.3	-1.3	0.0	0.0	0.0	371.8
1994	50.4	44.1	16.3	3.7	0.0	20.0	236.3	-1.7	0.0	0.0	0.0	349.0
1995	54.6	47.3	8.4	2.1	0.0	10.5	179.1	-1.0	0.0	0.0	0.0	290.6
1996	62.0	26.3	4.8	2.5	0.0	7.2	117.1	-1.2	0.0	0.0	0.0	211.6
1997	74.6	30.6	2.2	2.1	0.0	4.3	147.7	-1.3	0.0	0.0	0.0	255.9
1998	61.8	32.4	4.2	2.4	0.0	6.6	288.2	-1.5	0.0	0.0	0.0	387.6
1999	67.9	33.7	4.3	3.0	0.0	7.3	307.8	-1.5	0.0	0.0	0.0	415.2

^a Includes supplemental gaseous fuels.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^c Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.

^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.

^e If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of

imports of electricity that is derived from hydroelectric power.

^f "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.

^g If applicable, from 1989, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

— =Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.