

Section Q: Energy and Electric Power

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This section contains the major statistics pertaining to the energy-producing and energy-distributing industries in Canada. These statistics are collected and maintained by Statistics Canada using a classification based on nature of the resource base and level of activity, rather than the end-use classification that has been adopted here. In the previous edition, portions of the material which appears here appeared in Section N, Minerals and Fuel, others appeared in Section P, Electric Power.

Major published sources used include the following Statistics Canada publications: *Canada Year Book*, (Catalogue 11-202); *Trade of Canada: Imports*, (Catalogue 65-203); *Trade of Canada: Exports*, (Catalogue 65-202); *Electric Power Statistics*, annual, various issues, (Catalogue 57-001); *Central Electric Stations*, annual 1917 to 1955, (Catalogues 57-202 and 57-204); *Crude Petroleum and Natural Gas Industry*, annual, (Catalogue 26-213); *The Coal Mining Industry*, annual 1969 and prior years, (Catalogue 26-206); *Coal Mines*, annual from 1970, (Catalogue 26-206); *Petroleum Refineries*, annual, (Catalogue 45-205); *General Review of the Mining Industry*, annual, 1951 to 1960, (Catalogue 26-201); *Canadian Mineral Statistics, 1886-1956*, (Catalogue 26-501).

In addition, certain series collected and tabulated by the Canadian Petroleum Association and appearing in its *Statistical Handbook* have been included. For early years, compilations made from the files of the Water Resources Branch, the Mineral Statistics and Public Utilities sections of Statistics Canada and from industry sources by John Davis and published in the first edition of this work remain invaluable.

Q1-5. Canadian production of coal, 1867 to 1976

Q6-12. Canadian utilization of coal, 1867 to 1976

SOURCE: *Trade of Canada; Canadian Mineral Statistics*, 1886 to 1956; *General Review of the Mining Industry; The Coal Mining Industry* and its successor, *Coal Mines*, plus compilations made by J. Davis for the previous edition.

Production data prior to 1919 include sales, colliery consumption and coal used by operators. Since 1919, all production including stockpiles of coal, waste, etc. is included. Values are based on average sales realization. 'Other' in series Q1-5 includes New Brunswick and the Yukon Territory.

Q13-18. Production of crude petroleum by province, 1943 to 1975

Q19-25. Production and trade of crude petroleum, 1868 to 1976

SOURCE: *Trade of Canada; Canadian Mineral Statistics*, 1886 to 1956; *General Review of the Mining Industry* and the annual *Crude Petroleum and Natural Gas Industry*, together with compilations made for the previous edition by J. Davis.

Values are at wellhead except for the Northwest Territories where realization from sales at the refinery is used. Imports for 1880 to 1898 include petroleum products as well as crude. It is unknown whether exports prior to 1900 include products as well as crude. 'Other' in series Q13-18 includes the Northwest Territories and small amounts from New Brunswick in earlier years. Production since 1967 includes synthetic crude from tar sands. Small amounts of oil produced from oil shales in New Brunswick are included in production as applicable. Details of production prior to 1943 in the major provinces are obtainable from Energy or Oil and Gas Conservation Boards.

Q26-30. Production of natural gas by province, 1941 to 1975

Q31-37. Production and trade in natural gas, 1892 to 1976

SOURCE: *Trade of Canada; Canadian Mineral Statistics*, 1886 to 1956; *General Review of the Mining Industry* and the annual *Crude Petroleum and Natural Gas Industry*, as well as compilations made from unpublished sources by J. Davis.

Imports shown in series Q31-37 include unknown quantities of mixed natural and manufactured gas. Data on exports prior to 1901 to Buffalo and Detroit are no longer available. The permit authorizing operation of the relevant pipeline was rescinded in 1901. Output for the period prior to 1960 is output minus flared or wasted gas. For 1961 on, series Q31-37 reports marketable production and values, after deduction of processing shrinkage and line loss. Provincial figures in series Q26-30 are 'net production withdrawal'. Those exclude flared or wasted gas but not processing shrinkage or line loss. Values, prior to 1950, include value of condensate and 'pentanes plus'. Values are at wellhead or field gate, except in Ontario where an imputed wholesale price is used.

Details of prior years production in the major producing provinces may be obtained from the Energy Resources Conservation Board (Alberta) and the Ontario Energy Board.

Q38-45. Production of natural gas liquids, 1961 to 1975

Q46-54. Production and trade in natural gas liquids, 1961 to 1976

Output is that from natural gas field processing plants only, propane and butane is also produced in oil refineries in which case they are referred to as 'liquified refinery gases or LRG' (see series Q149-159). Condensate and 'pentanes plus' are also known as 'natural gasoline' and are usually used as feedstock or blending stock in refinery operations. Certain proportions of condensate output in earlier years, particularly those from the Turner Valley field in Alberta, are included in the crude petroleum statistics shown in series Q13-18 and Q19-25. This field was the only source of these products prior to the 1950s. Volumes were insignificant until large-scale gas exports from Alberta and British Columbia developed in the late 1950s. Some data on prior years output can be found in *Petroleum Refineries*, (Catalogue 45-205). Trade figures include propane and butane from refineries as well as field processing plants. Apparent consumption in series Q46-54 is thus apparent consumption net of LRG, which is reported in series Q149-159. The latter source derives from the apparent crude consumption shown in series Q19-25, and is thus a secondary, not a primary, source of energy.

Q55-58. Exploratory and development drilling in Western Canada, 1947 to 1976

SOURCE: a compilation, from provincial sources, made by the Canadian Petroleum Association and reported in its *Statistical Handbook*.

Exploratory wells include new field wildcats, new pool wildcats, deeper pool tests, shallower pool tests and outpost wells, following the classification developed by F.H. Lahee (Bulletin A.A.P.G., 1938). The same source reports some data for other provinces in recent years, the provinces and territories covered by this series account for the vast bulk of exploratory effort and discoveries.

Q59-63. Proven crude oil reserves, 1950 to 1975

Q64-69. Proven natural gas reserves, 1955 to 1977

Q70-74. Proven natural gas liquids reserves, 1951 to 1977

SOURCE: the Canadian Petroleum Association; the natural gas series is compiled by a joint Canadian Petroleum Association-Canadian Gas Association committees. They are based on estimates developed by engineering committees with access, as necessary, to confidential technical information, and represent the most authoritative estimate of proven reserves publicly available. The definitions used restrict proven reserves to those actually drilled or whose existence can be inferred from nearby wells. They do not include 'probable' reserves which might be inferred to exist within existing reservoirs on the basis of geophysical or geological interpretation and are thus deliberately conservative.

'Discoveries' include the initial reserve credited to pools discovered during the year, as indicated by the discovery well, successful follow-up wells and such limited surrounding area as appears justified on engineering evidence. 'Extensions and revisions' includes adjustments made to prior years' discoveries as the results of further drilling during the year or adjustments made on the basis of production experience. Though adjustments may be negative, for example, if recovery factor estimates have to be adjusted on the basis of production experience, most of the oil or gas discovered in a field will be reported in the extensions and revision column.

In series Q64-69, it should be noted that volumes are measured at the industry standard pressure of 14.65 psia (pounds per square inch absolute) and not the 14.73 psia used by Statistics Canada and forming the basis of series Q26-30 and Q31-37. Production reported in series Q64-69 is the amount removed from the reservoir, and thus includes flared or wasted gas, processing losses, etc., which are excluded from reported production in series Q26-30 and Q31-37. Volumes at 14.65 psia are approximately 1.0055 times volumes at 14.73 psia. A temperature base of 60° F is used throughout.

Q75-80. Electrical generating capacity and output by type of ownership, 1919 to 1975

Q81-84. Electrical generating capacity by type of prime mover, 1917 to 1976

Q85-91. Electrical generation by type of prime mover, 1919 to 1976

Q92-96. Production and trade in electrical energy, 1919 to 1975

SOURCE: *Trade of Canada*, the annual *Electric Power Statistics* (since 1956) and its predecessor, *General Electric Stations* (for prior years) and compilations made from a variety of sources by J. Davis for the preceding edition. There is a distinct break in certain of the series in 1956, when a number of industrial producers which did not sell to the public were added to the coverage base, while a number of industrial producers having limited public sales, for example, to employees or to a nearby municipality were moved from the 'privately operated utilities' class to the 'industrial establishments' class. Series Q75-80 reports two sets of numbers for 1956 which give some indication of the magnitudes involved. Capacity figures for the pre-1956 series reflect horsepower of the prime movers; those for 1956 and subsequent years reflect name plate capacity of the generating equipment installed.

Q97-101. Electric utilities - number of customers by class, 1920 to 1975

Q102-106. Electric utility sales by class of customer, selected years, 1930 to 1975

Q107-113. Electric utility revenues by class of customer, 1919 to 1975

SOURCE: same as series Q75-80, Q81-84, Q85-91 and Q92-96.

Series Q97-101 indicates numbers of customers during December. Series Q102-106 indicates volumes sold, series Q107-113 revenues from power sales. Export sales values shown in series Q67-113 relate to the volumes shown in series Q92-96. The categorization of customers as commercial or industrial is that used by the utility providing the service and reflects choice by the customer of a particular rate schedule considered to be industrial or commercial; these differ from one utility to another and there is thus some ambiguity in these series. In the more recent years the classifications have been merged. It should be noted that many apartment residences are served under commercial rates and that 'residential' totals are thus understated to an unknown degree.

Q114-117. Gas utilities, number of customers by class, 1958 to 1976

Q118-125. Gas utilities sales by class of customer, 1958 to 1976

SOURCE: the annual publication *Gas Utilities (Distribution Systems)* which has been published since 1959.

In earlier years natural gas was available only in Alberta and certain portions of Southwestern Ontario; other areas were served with manufactured gas which was lower in calorific value and (relatively) higher in effective costs. Statistics for earlier years were reported in *Gas Pipeline Transport* which incorporated both natural and manufactured gas statistics.

Q126-130. Miscellaneous statistics of the electric power industry, selected years, 1891 to 1976

Q131-136. Principal statistics of the petroleum and natural gas industry, 1929 to 1976

Q137-142. Principal statistics of the Canadian coal mining industry, 1918 to 1976

Q143-148. Miscellaneous statistics of natural gas utilities, 1959 to 1976

SOURCE: *Electric Power Statistics; General Review of the Mining Industry; The Petroleum and Natural Gas Industry and Coal Mines* and their predecessor publications.

These tables give employment and payroll statistics and other data used for value-added calculations, along with certain other series of interest.

Q149-159. Canadian refinery shipments of petroleum products, 1949 to 1976

SOURCE: *Petroleum Refineries*.

Series Q19-25 gives apparent consumption of crude petroleum, series Q46-54 that of condensate and pentanes plus. These are not end products but inputs to the refining process. Series Q149-159 is intended to indicate the end product form in which apparent consumption was utilized.

Series Q1-5. Canadian production of coal, 1867 to 1976

(thousands of tons)

Year	British Columbia	Alberta	Saskatchewan	Nova Scotia	Other ¹
	1	2	3	4	5
1976	8,278	12,117	5,156	2,205	337
1975	10,560	11,084	3,912	1,826	487
1974	8,532	9,246	3,842	1,410	432
1973	7,773	9,196	4,028	1,176	414
1972	6,547	9,024	3,283	1,425	448
1971	4,637	8,012	3,300	1,965	538
1970	3,483	6,784	3,819	2,122	407
1969	902	4,426	2,020	2,621	708
1968	890	3,920	2,250	3,132	797
1967	961	3,596	1,997	3,748	839
1966	866	3,461	2,084	3,866	903
1965	815	3,413	2,113	4,154	1,004
1964	905	2,975	2,020	4,309	1,009
1963	828	2,293	1,860	4,576	894
1962	821	2,121	2,247	4,205	824
1961	879	1,991	2,262	4,304	900
1960	784	2,224	2,158	4,572	1,038
1959	684	2,486	1,925	4,405	1,013
1958	771	2,493	2,302	5,267	792
1957	996	3,078	2,216	5,686	983
1956	1,318	4,116	2,274	5,798	997
1955	1,454	4,455	2,294	5,731	889
1954	1,300	4,859	2,117	5,843	795
1953	1,443	5,917	2,021	5,787	732
1952	1,644	7,195	2,083	5,905	751
1951	1,739	7,659	2,223	6,308	657
1950	1,730	8,116	2,203	6,478	611
1949	1,907	8,617	1,870	6,182	544
1948	1,780	8,123	1,589	6,431	525
1947	1,764	8,070	1,571	4,118	—
1946	1,638	8,826	1,523	5,453	—
1945	1,700	7,800	1,533	5,113	—
1944	2,134	7,429	1,373	5,746	—
1943	2,039	7,677	1,666	6,103	—
1942	2,169	7,754	1,301	7,205	—
1941	2,021	6,970	1,323	7,388	—
1940	1,868	6,204	1,098	7,849	—
1939	1,693	5,519	960	7,051	—
1938	1,440	5,251	1,022	6,236	—
1937	1,599	5,563	1,049	7,259	—
1936	1,489	5,697	1,021	6,649	—
1935	1,331	5,463	922	5,822	—
1934	1,486	4,754	909	6,342	—
1933	1,382	4,719	928	4,558	—
1932	1,681	4,871	887	4,085	1
1931	1,876	4,564	663	4,956	1
1930	2,084	5,756	579	6,254	1
1929	2,490	7,151	580	7,056	—
1928	2,805	7,336	472	6,744	—
1927	2,746	6,934	470	7,072	—
1926	2,614	6,504	440	6,747	—
1925	2,742	5,869	472	3,843	1
1924	2,194	5,190	479	4,447	1
1923	2,823	6,854	438	6,598	—
1922	2,927	5,991	382	5,569	—
1921	2,890	5,909	336	5,735	—
1920	3,095	6,908	335	6,437	—
1919	2,650	4,934	379	5,790	—
1918	2,569	5,973	347	5,819	3
1917	2,434	4,736	355	6,327	5
1916	2,584	4,559	281	6,912	3
1915	2,066	3,361	240	7,463	10
1914	2,240	3,683	232	7,371	13
1913	2,714	4,015	213	7,980	20
1912	3,209	3,241	225	7,784	9
1911	2,543	1,511	207	7,004	3
1910	3,331	2,894	181	6,431	16
1909	2,606	1,995	192	5,652	7
1908	2,334	1,686	151	6,653	4
1907	2,365	1,592	151	6,354	15
1906	2,146	1,246	108	6,221	7
1905	1,945	932	108	5,647	7
1904	1,863	662	125	5,596	—
1903	1,677	496	117	5,633	2
1902	1,808	403	70	5,161	5
1901	1,919	340	45	4,158	6
1900	1,792	311	41	3,624	6
1899	1,431	310	25	3,149	..
1898	1,264	315	25	2,563	..
1897	1,019	242	25	2,494	..
1896	1,004	209	17	2,509	..
1895	1,058	170	16	2,225	..
1894	1,113	185	15	2,528	..
1893	1,094	230	8	2,445	..
1892	937	179	5	2,159	..
1891	1,130	174	—	2,268	..
1890	768	129	200	2,181	..
1889	636	97	—	1,919	..
1888	539	115	—	1,942	..
1887	486	74	—	1,859	..
1886	375	..	..	1,698	..
1885	373	..	..	1,548	..
1884	441	..	..	1,544	..
1883	240	..	..	1,579	..
1882	323	..	..	1,525	..
1881	257	..	..	1,280	..
1880	305	..	..	1,178	..
1879	260	..	..	866	..
1878	214	..	..	876	..
1877	156	..	..	880	..
1876	157	..	..	838	..
1875	109	..	..	931	..
1874	91	..	..	973	..
1873	166	..	..	1,108	..
1872	166	..	..	1,004	..
1871	166	..	..	755	..
1870	33	..	..	719	..
1869	40	..	..	648	..
1868	49	..	..	574	..
1867	35	..	..	596	..

¹ Includes New Brunswick and the Yukon Territory.

Series Q6-12. Canadian utilization of coal, 1867 to 1976
(quantities in thousands of tons, values in thousands of dollars)

Year	Production		Imports		Exports		Apparent consumption
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
	6	7	8	9	10	11	12
1976	28,083	607,100	16,092	544,312	12,965	557,328	31,210
1975	27,843	586,423	16,833	576,311	12,891	477,899	31,785
1974	23,445	302,826	13,669	302,898	11,876	251,707	25,238
1973	22,567	179,731	16,489	167,081	12,023	165,064	27,033
1972	20,709	150,600	19,274	178,893	8,573	105,952	31,410
1971	18,432	121,727	18,136	151,014	7,734	86,563	28,834
1970	16,604	86,067	18,864	150,390	4,392	29,155	31,076
1969	10,672	50,578	17,347	113,603	1,378	9,451	26,641
1968	10,989	53,970	17,047	160,118	1,447	16,336	26,589
1967	11,141	56,500	16,114	145,158	1,338	15,092	25,917
1966	11,180	81,801 ¹	16,437	140,810	1,229	13,202	26,388
1965	11,500	76,295	16,595	125,946	1,226	12,672	26,869
1964	11,219	73,013	14,989	86,241	1,292	11,972	24,916
1963	10,452	72,052	13,370	78,663	1,054	9,870	22,768
1962	10,217	69,200	12,614	71,171	893	8,207	21,938
1961	10,336	70,181	12,306	71,560	939	8,540	21,703
1960	10,776	74,879	13,565	76,961	853	6,789	23,488
1959	10,513	74,089	14,236	84,488	474	3,582	24,275
1958	11,627	80,058	14,491	88,016	339	2,908	25,779
1957	12,960	90,252	19,480	117,714	396	3,358	32,044
1956	14,501	95,650	22,613	128,737	594	4,710	36,520
1955	14,411	93,579	19,743	106,551	593	4,871	33,561
1954	14,559	96,600	18,580	104,795	219	1,716	33,561
1953	15,451	102,722	23,266	136,567	255	2,000	38,462
1952	16,935	111,026	24,933	150,670	389	3,204	41,479
1951	17,973	109,039	26,801	168,089	435	3,496	44,339
1950	18,529	110,140	26,955	174,674	395	3,198	45,089
1949	18,560	110,915	22,195	141,149	432	3,564	40,323
1948	17,438	106,684	30,874	186,388	1,273	11,556	47,039
1947	15,869	77,475	28,892	138,950	715	5,441	44,046
1946	17,812	75,820	26,107	120,354	862	5,946	43,056
1945	16,507	567,588	25,062	102,432	841	5,304	40,728
1944	17,026	70,433	28,724 ²	113,138 ²	1,010	5,985	44,740
1943	17,859	67,878	28,109	101,245	1,110	5,428	44,858
1942	18,865	58,060	24,937	81,851	816	4,278	42,987
1941	18,226	54,676	20,388	61,588	531	2,597	38,083
1940	17,567	48,677	17,437	49,630	505	2,362	34,489
1939	15,693	43,982	14,999	41,579	376	1,667	30,315
1938	14,295	48,752	13,012	35,826	353	1,541	26,954
1937	15,836	45,792	14,671	38,159	355	1,442	30,151
1936	15,229	41,963	13,123	34,955	412	1,793	27,941
1935	13,888	42,046	12,079	33,331	418	1,907	25,548
1934	13,810	35,924	12,975	35,065	306	1,401	26,470
1933	11,903	37,118	11,204	28,122	259	1,188	22,848
1932	11,739	37,118	11,959	31,338	285	1,433	23,412
1931	12,243	41,208	13,121	36,829	360	1,910	25,004
1930	14,881	52,850	18,773	56,694	625	3,346	33,030
1929	17,497	63,065	18,204	56,013	843	4,375	34,858
1928	17,564	63,758	17,206	54,333	864	4,470	33,906
1927	17,427	61,867	18,687	61,785	1,113	5,890	35,001
1926	16,478	59,875	16,579	59,760	1,028	5,739	32,029
1925	13,135	49,262	16,350	59,159	786	4,329	28,699
1924	13,638	53,594	16,725	67,028	773	4,837	29,590
1923	16,991	72,059	20,990	96,370	1,654	10,661	36,326
1922	15,157	65,518	13,024	61,182	1,819	11,159	26,362
1921	15,057	72,452	18,302	88,925	1,987	13,896	31,372
1920	16,947	82,497	18,844	98,034	2,558	18,015	33,232
1919	13,919 ³	55,623 ³	17,293	61,161	2,070	12,439	29,142
1918	14,978	55,193	21,679	71,651	1,817	9,405	34,839
1917	14,047	43,200	20,857	70,562	1,733	7,387	33,171
1916	14,483	38,817	17,581	38,290	2,135	7,099	29,929
1915	13,267	32,111	12,466	28,340	1,767	5,406	23,966
1914	13,638	33,472	14,721	39,801	1,423	3,880	26,935
1913	15,012	37,335	18,202	47,949	1,562	3,961	31,652
1912	14,513	36,019	14,596	39,478	2,127	5,822	26,982
1911	11,323	26,468	14,559	39,293	1,501	4,357	24,382
1910	12,909	30,910	10,598	28,450	2,377	6,077	21,130
1909	10,501	24,781	9,873	26,832	1,588	4,456	18,786
1908	10,886	25,195	10,297	28,351	1,730	4,661	19,454
1907	10,511	24,382	10,651	28,861	1,894	4,880	19,269
1906	9,763	19,732	7,444 ⁴	19,154 ⁴	1,835	4,738	15,372 ⁵
1905	8,668	17,520	7,431	20,440	1,635	4,029	14,464
1904	8,255	16,592	6,937	20,113	1,557	4,036	13,635
1903	7,960	15,943	5,519	15,226	1,955	5,220	11,524
1902	7,467	15,211	5,189	12,999	2,090	5,402	10,566
1901	6,486	12,699	4,864	13,156	1,574	4,829	9,776
1900	5,777	13,742	4,424	11,012	1,788	4,840	8,413
1899	4,925	10,283	4,193	10,227	1,293	3,864	7,825
1898	4,173	8,224	3,374	9,100	1,150	3,619	6,397
1897	3,786	7,304	3,226	9,009	986	2,964	6,026
1896	3,746	7,226	3,323	9,020	1,107	2,389	5,962
1895	3,478	6,739	3,031	8,724	1,011	3,318	5,498
1894	3,847	7,429	3,008	9,719	1,014	3,542	5,751
1893	3,783	7,359	3,213	10,638	960	3,270	6,036
1892	3,288	6,364	3,176	9,779	824	2,807	5,640
1891	3,578	7,019	3,058	9,321	971	3,394	5,665
1890	3,085	5,676	2,664	8,155	724	2,437	5,025
1889	2,659	4,894	2,580	8,502	665	2,335	4,553
1888	2,603	4,674	2,399	8,778	589	1,975	4,413
1887	2,429	4,388	2,281	7,582	581	1,696	4,199
1886	2,117	3,740	1,963	6,657	521	1,426	3,559
1885	1,921	3,418	1,942	7,128	480	1,468	3,383
1884	1,985	3,594	1,999	7,459	452	1,201	3,532
1883	1,819	3,110	1,675	6,351	444	1,159	3,050
1882	1,848	3,284	1,275	4,659	421	1,079	2,702
1881	1,537	2,689	1,159	4,068	420	1,123	2,276
1880	1,483	2,657	977	2,740	345	1,014	2,115
1879	1,126	2,051	..	..	316	937	..
1878	1,090	1,941	..	..	340	1,211	..
1877	1,037	1,794	..	..	250	856	..
1876	995	1,730	..	..	278	977	..
1875	1,030	1,747	..	..	288	938	..
1874	1,064	1,763	..	..	418	1,344	..
1873	..	..	..	..	405	952	..
1872	3,033	5,073	..	..	296	579	..
1871	..	..	..	..	318	662	..
1870	753	1,243	..	..	287	589	..
1869	688	1,155	..	..	440	763	..
1868	623	1,073	..	..	265	641	..
1867	631	1,057	..	..	..	..	..

¹ Values prior to 1967 include subvention payments where applicable.

² Imports for 1944 and earlier years include briquettes. Separate figures shown in *Trade of Canada* for 1945 to date are very small.

³ Prior to 1919, production includes only sales, colliery consumption, and coal used by operators; from 1919 to present production is total output, including stockpiling, etc.

⁴ 1906 and earlier years' imports for fiscal years ending 30 June of the year given.

⁵ 1906 and earlier years computed using fiscal year import data.

Series Q13-18. Production of crude petroleum by province, 1943 to 1975

(thousands of barrels)

Year	British Columbia	Alberta	Saskatchewan	Manitoba	Ontario	Other
	13	14	15	16	17	18
1975	14,295	441,556	59,038	4,414	704	1,000
1974	18,873	514,149	73,868	4,751	734	980
1973	21,195	540,703	85,998	5,086	808	954
1972	23,838	443,176	86,544	5,256	878	922
1971	25,147	370,604	87,992	5,618	958	928
1970	25,371	337,460	89,295	5,918	1,048	901
1969	25,272	289,122	87,289	6,213	1,162	781
1968	22,150	256,337	91,839	6,210	1,151	458
1967	19,716	230,083	92,458	5,579	1,240	698
1966	16,638	202,526	93,227	5,240	1,324	728
1965	13,445	183,422	87,807	4,956	1,279	655
1964	11,513	175,292	81,321	4,400	1,246	625
1963	12,506	167,656	71,300	3,773	1,205	610
1962	8,908	164,320	64,557	3,960	1,135	539
1961	985	157,657	56,020	4,480	1,149	539
1960	867	130,507	51,908	4,764	1,005	483
1959	866	129,967	47,442	5,056	1,002	445
1958	512	113,278	44,626	5,829	778	573
1957	341	137,492	36,861	6,090	624	440
1956	148	143,910	21,077	5,786	593	467
1955	–	113,035	11,317	4,146	526	416
1954	–	87,714	5,423	2,148	412	385
1953	–	76,816	2,798	654	300	331
1952	–	58,916	1,697	105	192	327
1951	–	45,915	1,249	11	197	244
1950	–	27,548	1,041	–	251	204
1949	–	20,087	782	–	261	175
1948	–	10,889	849	–	177	372
1947	–	6,770	540	–	131	251
1946	–	7,138	119	–	123	206
1945	–	7,980	14	–	113	376
1944	–	8,727	–	–	123	1,247
1943	–	9,602	–	–	132	318

Series Q19-25. Production and trade in crude petroleum, 1868 to 1976
(quantities in thousands of barrels, values in thousands of dollars)

Year	Production		Imports		Exports		Apparent consumption
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
	19	20	21	22	23	24	25
1976	479,397 ¹	4,042,124	265,743	3,280,086	174,291	2,286,675	570,859
1975	520,911 ¹	3,755,740	301,235	3,301,924	256,930	3,051,511	565,216
1974	513,412 ¹	3,513,899	299,239	2,646,203	330,583	3,406,785	482,068
1973	654,311 ¹	2,241,708	314,056	942,490	414,429	1,482,117	553,938
1972	560,468 ¹	1,564,780	288,781	680,743	348,431	1,007,505	500,818
1971	491,171 ¹	1,352,715	244,243	541,114	272,783	787,399	462,631
1970	459,977 ¹	1,154,430	208,363	415,161	244,466	649,075	423,874
1969	409,832 ¹	1,011,693	190,507	393,453	202,718	525,780	397,621
1968	378,403 ¹	934,527	178,415	372,586	169,230	446,413	387,588
1967	350,254 ¹	664,148	162,095	355,416	151,356	397,875	360,993
1966	319,568	768,718	158,544	299,001	126,799	321,681	351,313
1965	291,512	716,899	144,204	312,359	107,696	279,956	328,020
1964	274,479	673,965	143,835	320,637	101,718	262,023	316,596
1963	257,120	622,574	146,645	334,761	90,630	233,867	313,135
1962	243,238	546,239	135,365	304,898	86,128	232,497	292,475
1961	220,762	504,281	133,265	291,170	67,265	154,267	286,762
1960	189,534	422,926	125,560	283,172	42,235	94,450	272,859
1959	184,778	422,093	115,289	277,495	33,362	74,541	266,705
1958	165,496	398,748	104,039	273,948	31,679	73,044	237,856
1957	181,848	453,594	111,905	305,557	55,674	140,975	238,079
1956	171,981	406,562	106,470	270,882	42,907	103,923	235,543
1955	129,440	305,640	86,678	229,480	14,834	36,253	201,285
1954	96,080	293,877	78,772	212,497	2,345	6,318	172,508
1953	80,810	200,582	79,478	207,987	2,507	6,228	157,869
1952	61,237	143,038	81,200	206,840	1,424	3,452	141,013
1951	47,616	116,655	83,284	231,039	342	807	130,558
1950	29,044	84,620	78,660	200,538	—	—	107,704
1949	21,305	61,118	73,947	189,396	—	—	95,252
1948	12,287	37,419	75,559	192,027	1	3	87,845
1947	7,692	19,576	68,447	127,472	—	1	76,139
1946	7,586	14,989	63,407	89,483	—	—	70,993
1945	8,438	13,632	56,806	72,321	—	—	65,289
1944	10,009	15,430	57,048	71,943	—	—	67,147
1943	10,052	16,470	49,754	66,384	—	—	59,806
1942	10,365	15,969	44,120	57,454	1	3	54,484
1941	10,134	14,415	46,791	56,442	1	2	56,924
1940	8,591	11,160	42,623	48,320	—	—	51,214
1939	7,826	9,846	37,095	39,650	—	—	44,921
1938	6,966	9,230	34,245	41,067	—	—	42,068
1937	2,944	5,399	38,915	46,678	—	—	41,858
1936	1,500	3,422	35,833	39,538	—	—	31,102
1935	1,447	3,492	33,052	33,818	—	—	34,529
1934	1,411	3,449	30,643	31,917	—	—	32,100
1933	1,145	3,139	27,270	20,294	305	395	28,111
1932	1,044	3,023	25,432	26,324	208	245	26,269
1931	1,543	4,212	29,070	22,673	456	677	30,148
1930	1,522	5,034	28,931	38,300	550	881	29,736
1929	1,117	3,732	30,291	46,174	805	1,548	25,144
1928	624	2,035	24,404	35,258	615	1,099	20,454
1927	477	1,516	19,562	31,073	537	924	16,787
1926	364	1,312	16,298	31,345	601	852	13,673
1925	332	1,251	12,584	33,642	211	347	12,705
1924	161	467	13,317	20,271	522	529	12,099
1923	170	522	11,219	17,488	68	138	11,397
1922	179	611	12,014	21,679	201	289	11,153
1921	188	642	10,158	20,029	154	376	9,030
1920	196	822	8,312	20,844	77	293	8,689
1919	240	736	11,585	19,831	17	11	7,694
1918	305	885	10,789	21,723	8	28	5,797
1917	214	542	9,328	14,436	—	—	4,086
1916	198	392	7,231	8,460	4	11	5,533
1915	215	301	5,503	3,678	1	2	5,821
1914	215	343	5,577	5,751	—	—	5,297
1913	228	406	4,630	5,251	—	—	4,858
1912	243	345	3,431	3,997	1	4	3,673
1911	291	357	2,047	2,189	—	—	2,338
1910	316	389	1,532	1,639	—	—	1,848
1909	421	560	903	1,322	—	—	1,324
1908	528	747	712	895	—	—	1,240
1907	789	1,057	379	471	—	—	1,168
1906	570	762	566	668	—	—	1,136
1905	634	856	643	901	—	—	1,277
1904	503	936	123	276	—	—	626
1903	487	1,049	61	136	—	—	548
1902	531	951	17	41	—	—	548
1901	622	1,008	10	27	—	1	631
1900	710	1,151	10	23	—	—	720
1899	809	1,202	8	12	—	—	817
1898	758	1,062	259	725	—	—	..
1897	710	1,012	240	697	—	—	..
1896	727	1,156	229	740	—	—	..
1895	726	1,087	217	525	1	1	..
1894	829	835	188	440	2	3	..
1893	798	874	171	446	3	4	..
1892	780	984	161	476	9	13	..
1891	755	1,010	145	498	13	18	..
1890	795	903	145	516	12	18	..
1889	705	654	133	484	7	11	..
1888	695	714	129	408	6	75	..
1887	714	557	123	467	14	14	..
1886	584	526	109	422	7	10	..
1885	588	..	108	415	10	11	686
1884	571	..	90	380	31	30	630
1883	473	..	88	359	—	1	561
1882	390	..	86	398	..	..	476
1881	369	..	41	262	..	..	410
1880	350	..	20	131	..	..	370
1879	575	..	..	..	..	..	..
1878	312	..	..	..	..	..	..
1877	312	..	..	..	..	..	..
1876	312	..	..	..	..	..	..
1875	220	..	..	..	..	..	..
1874	169	..	..	..	..	..	..
1873	365	..	..	..	..	..	..
1872	308	..	..	..	..	..	..
1871	270	..	..	..	..	..	..
1870	250	..	..	..	..	..	..
1869	220	..	..	..	..	..	..
1868	190	..	..	..	..	..	..

¹ Includes synthetic crude from tar sands.

Series Q26-30. Production of natural gas by province, 1941 to 1975

(millions of cubic feet)

Year	British Columbia	Alberta	Saskatchewan	Ontario	Other
	26	27	28	29	30
1975	353,270	2,029,756	52,002	10,887	449
1974	366,082	1,993,935	51,467	7,404	1,250
1973	425,261	1,955,241	53,216	9,441	552
1972	377,964	1,853,976	54,034	12,375	632
1971	288,729	1,664,613	57,306	16,260	1,439
1970	271,062	1,508,879	53,713	17,064	378
1969	252,975	1,293,297	48,572	11,332	286
1968	223,092	1,102,291	46,132	12,066	291
1967	197,539	966,343	38,861	14,229	200
1966	160,447	891,305	39,211	15,537	142
1965	138,277	844,055	33,771	12,620	143
1964	118,485	790,635	31,284	13,739	137
1963	105,062	696,418	29,397	15,855	167
1962	108,134	623,686	28,060	15,842	165
1961	95,449	424,146	26,327	14,691	147
1960	85,592	383,683	36,572	16,987	138
1959	69,129	297,569	33,613	16,839	185
1958	63,638	239,050	18,820	16,148	148
1957	8,275	183,141	13,994	14,401	196
1956	188	146,134	9,808	12,812	211
1955	—	133,007	6,707	10,853	205
1954	—	107,174	3,333	10,016	212
1953	—	89,652	1,422	9,709	202
1952	—	79,150	1,007	8,302	227
1951	—	69,877	860	8,443	281
1950	—	58,604	814	8,009	395
1949	—	51,180	813	8,024	440
1948	—	48,965	477	8,590	571
1947	—	44,107	274	7,786	490
1946	—	40,097	210	7,051	542
1945	—	40,393	164	7,200	655
1944	—	37,162	119	7,083	703
1943	—	35,569	116	7,914	677
1942	—	34,482	117	10,477	621
1941	—	30,905	106	11,829	655

Series Q31-37. Production and trade in natural gas, 1892 to 1976

(quantities in millions of cubic feet, values in thousands of dollars)

Year	Production		Imports		Exports		Apparent consumption
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
	31	32	33	34	35	36	37
1976	2,458,668	2,440,385	9,855	7,830	954,051	1,616,490	1,513,572
1975	2,446,364	1,413,619	10,447	8,818	949,465	1,092,168	1,507,346
1974	2,420,138	677,644	9,228	5,777	960,713	493,640	1,468,653
1973	2,443,711	417,801	14,700	7,793	1,030,913	350,745	1,427,498
1972	2,298,981	369,882	15,759	7,629	1,007,054	306,843	1,307,686
1971	2,028,343	318,796	16,010	7,021	903,051	250,719	1,141,306
1970	1,851,095	293,779	11,878	5,124	768,113	205,988	1,094,860
1969	1,606,462	244,315	37,733	16,025	699,816	176,188	974,379
1968	1,383,872	210,289	88,228	35,393	598,144	153,752	873,956
1967	1,217,172	184,732	52,872	19,914	505,165	123,664	764,879
1966	1,106,643	164,642	43,551	17,592	426,224	108,750	723,969
1965	1,028,866	147,388	15,673	5,809	403,909	104,280	640,630
1964	944,280	134,551	8,046	2,871	404,144	97,609	548,182
1963	846,899	116,721	6,877	2,356	340,953	75,630	512,823
1962	775,887	98,096	5,575	1,802	319,566	72,423	461,896
1961	560,760	68,320	5,574	1,708	168,180	41,689	398,154
1960	522,972	52,197	5,571	1,634	91,043	18,051	437,497
1959	417,335	39,609	11,963	3,797	84,764	16,953	344,534
1958	337,804	32,058	34,716	7,775	86,972	17,984	288,548
1957	320,007	20,963	30,551	7,240	15,731	2,322	234,827
1956	169,153	16,850	15,695	3,480	9,642	1,118	175,205
1955	150,772	15,099	11,116	2,698	11,360	..	150,372
1954	120,775	12,482	6,236	2,029	7,148	..	119,823
1953	100,986	10,877	6,097	1,991	9,629	..	97,454
1952	88,686	9,518	5,982	1,901	8,145	..	86,253
1951	79,461	7,159	3,699	1,286	-	-	83,160
1950	67,822	6,433	3,254	1,163	-	-	71,076
1949	60,457	11,620	1,263	488	-	-	61,720
1948	58,603	15,633	404	239	-	-	59,007
1947	52,657	13,430	433	253	-	-	53,090
1946	47,900	12,165	368	239	-	-	48,268
1945	48,412	12,310	346	233	-	-	48,758
1944	45,067	11,423	271	182	-	-	45,338
1943	44,276	13,159	232	158	-	-	44,276
1942	45,697	13,302	197	135	-	-	45,508
1941	43,495	12,665	172	117	-	-	43,667
1940	41,232	13,001	130	92	-	-	41,362
1939	35,185	12,507	114	75	-	-	35,299
1938	33,445	11,587	133	87	-	-	33,578
1937	32,381	11,675	114	75	-	-	32,495
1936	28,113	10,762	118	76	-	-	28,231
1935	24,911	9,363	106	70	-	-	25,018
1934	23,162	8,760	107	70	-	-	23,269
1933	23,138	8,712	101	73	-	-	23,239
1932	23,420	8,899	121	91	-	-	23,541
1931	25,875	9,027	109	75	-	-	25,984
1930	29,377	10,290	152	97	-	-	29,528
1929	28,378	9,977	133	85	-	-	28,511
1928	22,583	8,614	128	83	-	-	22,711
1927	21,377	8,043	104	66	-	-	21,481
1926	19,208	7,557	110	75	-	-	19,327
1925	16,903	6,833	64	41	-	-	16,967
1924	14,881	5,709	-	-	-	-	14,881
1923	15,961	5,885	-	-	-	-	15,961
1922	14,683	5,487	-	-	-	-	14,683
1921	14,078	4,594	-	-	-	-	14,078
1920	16,846	4,233	-	-	-	-	16,846
1919	19,938	4,176	-	-	-	-	19,938
1918	20,140	4,351	-	-	-	-	20,140
1917	27,409	5,095	-	-	-	-	27,409
1916	25,467	3,958	-	-	-	-	25,467
1915	20,124	3,706	-	-	-	-	20,124
1914	21,693	3,485	-	-	-	-	21,693
1913	20,478	3,309	-	-	-	-	20,478
1912	15,278	2,363	-	-	-	-	15,278
1911	11,644	1,918	-	-	-	-	11,644
1910	-	1,346	-	-	-	-	-
1909	-	1,207	-	-	-	-	-
1908	-	1,013	-	-	-	-	-
1907	-	815	-	-	-	-	-
1906	-	584	-	-	-	-	-
1905	-	380	-	-	-	-	-
1904	-	328	-	-	-	-	-
1903	-	202	-	-	-	-	-
1902	-	196	-	-	-	-	-
1901	-	339	-	-	-	-	-
1900	-	417	-	-	-	-	-
1899	-	387	-	-	-	-	-
1898	-	322	-	-	-	-	-
1897	-	326	-	-	-	-	-
1896	-	276	-	-	-	-	-
1895	-	423	-	-	-	-	-
1894	-	314	-	-	-	-	-
1893	-	376	-	-	-	-	-
1892	-	150	-	-	-	-	-

Series Q38-45. Production of natural gas liquids, 1961 to 1975

(thousands of barrels)

Year	British Columbia		Alberta		Saskatchewan		Total	
	Propane and butane	Condensate and pentanes plus	Propane and butane	Condensate and pentanes plus	Propane and butane	Condensate and pentanes plus	Propane and butane	Condensate and pentanes plus
	38	39	40	41	42	43	44	45
1975	1,206	1,260	55,259	53,258	816	313	57,279	54,831
1974	1,154	1,141	52,104	57,427	915	346	65,173	58,914
1973	1,253	1,194	51,792	59,979	1,075	412	54,120	61,585
1972	793	1,236	45,648	58,976	1,118	364	47,559	60,576
1971	784	1,214	37,471	44,937	1,180	391	39,435	46,542
1970	688	1,052	32,528	42,031	1,144	407	34,360	43,490
1969	729	1,043	26,768	36,621	1,198	377	28,694	38,041
1968	681	1,051	23,250	31,631	1,347	316	23,277	32,999
1967	797	1,060	20,480	29,339	1,268	296	22,545	30,695
1966	675	1,019	18,643	28,055	1,084	248	20,401	29,322
1965	553	978	14,369	26,635	1,004	255	15,927	27,869
1964	544	950	9,363	24,039	1,002	286	10,910	25,275
1963	486	855	5,628	20,595	854	272	6,967	21,722
1962	468	847	4,647	16,490	703	266	5,819	17,602
1961	472	788	2,860	7,723	551	225	4,883	8,736

Series Q46-54. Production and trade in natural gas liquids, 1961 to 1976*(quantities in thousands of barrels, values in thousands of dollars)*

Year	Production ¹		Imports ¹		Exports ¹		Apparent consumption ¹	Condensate and pentanes plus	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Production	Value
	46	47	48	49	50	51	52	53	54
1976	56,320	385,533	80	3,471	17,577	350,027	38,823	48,965	420,214
1975	57,511	377,983	64	2,254	14,833	300,831	42,742	54,851	405,500
1974	55,460	295,214	73	2,328	36,439	244,157	19,094	58,897	364,188
1973	55,711	122,119	274	2,313	36,201	93,116	19,784	61,620	229,861
1972	48,191	73,126	83	1,337	31,298	62,861	16,976	60,816	179,965
1971	39,429	58,692	59	993	23,485	46,027	16,003	46,601	135,793
1970	34,350	44,509	327	1,835	20,772	37,506	13,905	43,521	115,953
1969	28,747	37,053	772	2,603	15,884	27,213	13,635	38,046	101,269
1968	25,443	37,869	411	2,010	13,488	23,887	12,366	32,962	88,494
1967	23,135	36,275	281	1,618	12,403	21,722	11,013	30,737	78,818
1966	20,311	28,166	84	829	10,323	15,045	10,072	29,346	75,804
1965	16,275	20,911	100	791	7,855	10,832	8,520	27,868	71,084
1964	11,057	14,504	90	801	4,829	7,657	6,318	25,264	64,127
1963	7,058	9,805	–	–	1,792	3,223	5,266	21,740	54,400
1962	5,901	8,415	–	–	–	2,905	..	17,593	39,698
1961	4,827	6,502	–	–	–	2,944	..	8,765	20,250

¹ Propane and butane.

Series Q55-58. Exploratory and development drilling in Western Canada, 1947 to 1976

Year	Exploratory		Development		Year	Exploratory		Development	
	Wells	Footage	Wells	Footage		Wells	Footage	Wells	Footage
	55	56	57	58		55	56	57	58
1976	2,389	7,550,561	3,104	9,912,534	1960	818	4,382,076	1,718	9,363,637
					1959	939	4,586,413	1,629	8,125,265
1975	1,565	5,628,789	2,467	7,596,072	1958	849	4,183,228	1,667	8,211,301
1974	1,648	6,467,507	3,104	7,341,268	1957	1,058	4,974,340	1,942	9,034,403
1973	2,126	7,885,450	2,271	8,089,704	1956	899	4,405,607	2,383	11,056,911
1972	1,649	7,141,243	1,936	6,459,603					
1971	1,445	6,107,395	1,489	5,181,071	1955	885	3,978,114	2,050	8,737,680
					1954	828	3,991,813	1,365	5,167,489
1970	1,414	6,182,702	1,522	5,282,936	1953	905	3,796,741	1,334	5,343,211
1969	1,624	7,171,493	1,553	6,190,445	1952	900	3,556,723	1,282	5,156,110
1968	1,495	7,405,922	1,500	6,188,889	1951	487	2,141,737	933	3,724,505
1967	1,341	6,277,720	1,537	6,428,760					
1966	1,447	6,726,248	1,605	7,032,859	1950	311	1,345,703	859	3,103,940
					1949	275	1,155,270	580	2,196,603
1965	1,470	6,818,998	2,163	9,497,826	1948	179	683,423	281	1,115,598
1964	1,293	6,016,234	2,007	9,547,966	1947	129	413,232	202	527,191
1963	1,011	5,181,969	1,850	9,028,332					
1962	869	4,584,100	1,640	8,409,737					
1961	769	4,273,836	1,743	9,476,975					

Series Q59-63. Proven crude oil reserves, 1950 to 1975

(millions of barrels)

Year	Discoveries	Extensions and revisions	Total added	Production	Remaining reserve at 31 December
	59	60	61	62	63
1975	1.7	-17.1	-15.4	502.8	6,653.0
1974	6.7	91.5	98.2	601.2	7,171.2
1973	8.9	270.8	279.7	625.7	7,674.2
1972	25.5	179.6	205.1	518.0	8,020.1
1971	17.8	236.4	204.2	480.1	8,333.1
1970	32.5	344.7	377.2	438.0	8,559.0
1969	79.9	551.7	631.6	393.4	8,619.8
1968	125.3	458.9	584.2	371.5	8,381.6
1967	190.8	530.5	721.3	344.2	8,168.9
1966	381.6	1,015.0	1,396.0	316.0	7,791.8
1965	196.2	629.0	825.2	291.6	6,711.2
1964	107.7	1,459.3	1,567.0	270.8	6,177.6
1963	28.2	629.0	657.3	256.5	4,881.5
1962	20.7	531.4	552.0	244.9	4,480.7
1961	21.4	694.7	716.1	221.0	4,173.6
1960	22.0	350.5	372.5	191.1	3,678.5
1959	93.9	421.1	515.0	183.7	3,497.1
1958	9.3	448.2	457.5	166.0	3,165.9
1957	39.8	167.0	206.8	181.8	2,874.5
1956	48.2	461.0	509.2	169.3	2,849.4
1955	63.6	365.9	429.4	127.5	2,509.5
1954	98.2	359.6	457.8	95.6	2,207.6
1953	94.9	151.9	246.8	80.9	1,845.4
1952	302.5	60.9	363.4	60.5	1,679.5
1951	137.2	83.1	220.3	47.3	1,376.6
1950	—	—	—	—	1,202.6

Series Q64-69. Proven natural gas reserves, 1955 to 1976
(billions of cubic feet)

Year	Discoveries	Extensions and revisions	Net change in storage	Total added	Production (reservoir withdrawal)	Remaining reserve at December 31
	64	65	66	67	68	69
1976	639.3	3,220.2	-11.0	3,859.5	2,541.2	58,281.9
1975	362.9	2,235.0	29.9	2,597.9	2,361.1	56,974.7
1974	284.4	6,349.3	10.4	6,633.7	2,393.5	56,708.1
1973	686.7	1,090.2	70.1	1,776.9	2,325.4	52,457.4
1972	487.5	-760.2	-5.6	-272.7	2,247.8	52,935.8
1971	775.5	3,263.8	0.1	4,039.3	1,953.1	55,461.9
1970	193.7	3,009.9	20.2	3,203.6	1,799.2	53,375.6
1969	1,104.4	4,734.5	2.2	5,838.9	1,556.5	51,951.0
1968	282.9	3,097.5	-1.3	3,380.4	1,394.9	47,666.5
1967	603.4	2,840.5	4.1	3,443.9	1,216.0	45,682.0
1966	512.1	3,690.8	17.9	4,202.9	1,125.3	43,405.1
1965	623.3	1,507.1	-7.8	2,130.4	1,087.6	40,354.5
1964	487.0	6,821.8	27.8	7,308.8	1,009.3	39,319.5
1963	1,159.5	1,493.6	25.6	2,653.1	903.6	32,992.3
1962	393.0	2,124.6	-0.4	2,517.6	836.0	31,217.2
1961	545.8	2,690.1	-0.3	3,235.9	693.7	29,536.0
1960	255.3	3,785.6	5.4	4,040.8	474.8	26,994.0
1959	659.8	2,662.8	34.3	3,358.5	438.3	23,422.6
1958	431.1	2,155.5	2.1	2,586.6	334.9	20,488.0
1957	699.2	515.2	2.8	1,214.4	243.5	18,234.2
1956	650.5	2,156.7	4.2	2,807.2	192.6	17,260.6
1955	514.1	1,641.2	3.6	2,155.3	145.9	14,641.8

Series Q70-74. Proven natural gas liquids reserves, 1951 to 1976

(millions of barrels)

Year	Discoveries	Extensions and revisions	Total added	Production	Remaining reserve at 31 December
	70	71	72	73	74
1976	0.9	65.1	66.0	106.0	1,456.1
1975	2.9	69.2	72.1	106.2	1,586.0
1974	—	134.0	134.0	108.6	1,620.2
1973	0.2	3.3	3.5	111.9	1,594.7
1972	1.7	-24.4	-22.7	103.6	1,703.0
1971	0.1	34.0	34.1	84.7	1,829.4
1970	1.0	62.0	63.0	78.9	1,880.0
1969	13.5	312.8	326.3	66.3	1,896.0
1968	5.9	312.5	318.4	61.3	1,636.0
1967	18.8	159.9	176.7	56.7	1,378.9
1966	25.4	284.2	309.6	49.6	1,258.9
1965	0.3	158.4	158.7	47.6	998.8
1964	—	181.1	181.1	41.1	887.8
1963	0.1	79.6	79.8	27.4	747.7
1962	3.7	139.5	143.2	23.5	695.4
1961	1.4	49.5	50.9	13.7	575.7
1960	10.9	34.0	44.9	8.6	538.5
1959	6.6	18.0	24.6	6.7	502.1
1958	35.4	59.0	94.4	4.9	484.2
1957	17.0	100.7	117.8	3.0	394.7
1956	15.0	20.5	35.5	2.7	279.9
1955	0.8	40.4	41.2	2.4	247.1
1954	21.3	(9.6)	11.7	1.4	208.3
1953	42.3	91.7	134.0	1.2	198.1
1952	15.0	39.7	54.6	0.6	65.4
1951	..	..	..	..	11.4

Series Q75-80. Electrical generating capacity and output by type of ownership, 1919 to 1975
(output in millions of kWh, capacity in thousand kWh 1956 to 70, in thousand HP 1919 to 56)

Year	Publicly operated utilities		Privately operated utilities		Industrial establishments	
	Output	Capacity	Output	Capacity	Output	Capacity
	75	76	77	78	79	80
1975	187,543	45,717.4	50,805	9,640.8	35,044	5,993.7
1974	197,680	42,164.5	43,737	9,495.3	38,839	5,869.9
1973	190,777	40,959.3	34,577	7,581.5	37,981	5,835.6
1972	176,806	38,118.8	29,497	6,443.6	33,910	5,381.2
1971	162,892	36,092.0	21,068	5,277.2	32,512	5,306.5
1970	151,407	33,215.8	20,504	430.8	32,793	5,301.0
1969	138,506	30,326.8	18,955	3,997.8	33,641	5,267.2
1968	126,074	23,961.8	17,809	3,759.0	32,495	5,244.6
1967	116,819	26,753.2	16,482	3,845.8	32,324	5,309.5
1966	109,185	22,461.2	16,814	3,293.8	32,137	5,010.0
1965	97,480	21,152.7	13,318	3,004.7	33,476	5,190.4
1964	90,254	19,299.9	12,635	2,591.1	32,098	5,136.4
1963	81,997	18,640.8	11,505	2,559.3	28,737	5,100.5
1962	66,716	15,430.5	25,380	5,042.5	25,373	4,584.0
1961	59,740	13,565.1	29,649	5,927.1	24,325	4,599.2
1960	57,850	12,532.7	31,306	5,899.8	25,301	4,616.3
1959	53,395	11,213.4	29,654	5,723.9	21,622	4,191.1
1958	46,829	9,567.3	29,124	5,301.9	21,572	3,800.2
1957	45,117	8,019.6	26,406	5,020.0	19,592	3,688.6
1956	42,873	7,334.1	25,773	4,724.6	19,809	3,437.6
1956	42,868	..	35,136	..	10,400	..
1955	38,279	9,497.2	34,632	8,488.5	8,825	..
1954	32,553	8,710.3	33,383	8,011.5	8,040	..
1953	28,448	7,382.9	34,413	8,278.1	7,127	..
1952	26,526	6,542.3	32,883	7,679.5	6,695	..
1951	24,381	5,804.7	30,471	7,225.9	6,595	..
1950	20,061	5,171.7	28,432	6,804.5	6,544	..
1949	17,687	4,359.0	26,732	6,524.2	6,174	..
1948	16,692	4,085.1	25,697	6,134.5	4,872	..
1947	15,759	3,760.8	27,666	6,025.3	3,750	..
1946	14,739	3,612.5	26,998	6,389.2	2,926	..
1945	14,599	3,460.3	25,531	6,380.0	2,590	..
1944	14,910	3,424.7	25,689	6,474.2	2,972	..
1943	9,937	2,426.5	31,082	7,371.1	3,471	..
1942	9,178	2,408.3	28,177	6,400.3	3,652	..
1941	8,524	2,304.4	24,794	6,047.8	3,161	..
1940	7,822	2,291.1	22,287	5,839.7	2,953	..
1939	7,047	2,285.3	21,291	5,516.0	2,641	..
1938	6,666	2,240.9	19,488	5,431.7	2,449	..
1937	7,372	2,202.6	20,316	5,336.8	2,548	..
1936	6,887	2,173.0	18,515	5,146.9	1,696	..
1935	5,515	2,073.8	17,765	5,274.2	1,644	..
1934	5,136	1,964.0	16,061	5,097.6	1,552	..
1933	3,673	1,966.9	13,666	4,842.7	1,358	..
1932	3,714	1,824.0	12,338	4,704.5	1,401	..
1931	4,140	..	12,191	..	1,289	..
1930	5,157	..	12,937	..	1,374	..
1929	5,188	..	12,774	..	1,343	..
1928	4,877	..	11,461	..	1,173	..
1927	4,605	..	9,444	..	828	..
1926	4,296	..	7,797	..	—	..
1925	3,583	..	6,527	..	—	..
1924	3,291	..	6,024	..	—	..
1923	3,025	..	5,074	..	—	..
1922	1,621	..	5,120	..	—	..
1921	1,298	..	4,316	..	—	..
1920	1,438	..	4,456	..	—	..
1919	1,221	..	4,132	..	—	..

Series Q81-84. Electric generating capacity by type of prime mover, 1917 to 1976
(generating capacity in thousands of kilowatts 1956 to 1976, in thousand horsepower 1917 to 1955)

Year	Hydroelectric	Thermal	Nuclear	Total	Year	Hydroelectric	Thermal	Nuclear	Total
	81	82	83	84		81	82	83	84
1976	39,487.6	23,305.4	3,200	65,993.0					
1975	37,281.8	21,670.4	2,400	61,352.0	1945	9,216.6	623.7	—	9,840.3
1974	36,778.9	18,351.8	2,400	57,529.7	1944	9,268.0	630.9	—	9,898.9
1973	34,265.9	17,710.5	2,400	54,376.4	1943	9,205.2	592.4	—	9,797.6
1972	32,500.9	15,583.7	1,860	49,943.7	1942	8,234.3	574.4	—	8,808.7
1971	30,601.1	14,754.6	1,320	46,675.7	1941	7,784.4	567.8	—	8,352.2
1970	28,928.4	14,287.3	240	42,825.7	1940	7,567.1	563.7	—	8,130.8
1969	27,031.1	12,320.7	240	39,591.8	1939	7,241.0	560.3	—	7,801.3
1968	24,957.4	10,711.1	240	35,908.5	1938	7,155.6	517.0	—	7,672.6
1967	23,352.5	9,392.9	220	32,965.4	1937	7,023.2	516.2	—	7,539.4
1966	22,437.8	8,307.2	20	30,765.0	1936	6,810.7	509.2	—	7,319.9
1965	21,770.7	7,557.1	20	29,347.8	1935	6,808.0	503.0	—	7,311.0
1964	20,313.3	6,694.1	20	27,027.4	1934	6,560.7	500.9	—	7,061.6
1963	20,100.4	6,180.3	20	26,300.7	1933	6,306.0	503.6	—	6,809.6
1962	19,338.2	5,608.8	20	24,967.0	1932	6,036.3	492.3	—	6,528.5
1961	19,018.8	5,072.6	—	24,091.4	1931	5,422.3	468.5	—	5,890.8
1960	18,656.9	4,391.8	—	23,048.7	1930	5,144.1	428.3	—	5,572.6
1959	17,550.0	3,578.4	—	21,128.4	1929	4,718.9	378.5	—	5,097.4
1958	15,687.2	2,982.2	—	18,669.4	1928	4,445.5	341.4	—	4,786.9
1957	14,112.8	2,615.4	—	16,728.2	1927	3,975.0	343.4	—	4,318.4
1956 ¹	13,070.0	2,426.1	—	15,496.2	1926	3,609.4	336.8	—	3,946.2
1955 ²	15,538.7	2,446.9	—	17,985.6	1925	3,416.0	326.7	—	3,742.7
1954	14,461.5	2,226.3	—	16,721.8	1924	2,708.0	309.6	—	3,017.6
1953	13,923.4	2,237.7	—	15,661.0	1923	2,282.5	290.9	—	2,573.4
1952	12,550.8	1,671.0	—	14,221.8	1922	2,112.3	296.4	—	2,408.7
1951	11,786.0	1,243.6	—	13,030.6	1921	1,826.4	285.1	—	2,111.4
1950	11,029.8	946.4	—	11,976.2	1920	1,754.1	279.5	—	2,033.6
1949	9,973.4	909.9	—	10,883.3	1919	1,737.0	287.9	—	2,024.9
1948	9,470.3	749.3	—	10,219.6	1918	1,682.2	276.5	—	1,958.6
1947	9,131.9	654.2	—	9,786.1	1917	1,652.7	191.9	—	1,844.6
1946	9,378.9	622.8	—	10,001.7					

¹ Includes main and auxiliary plant.

² Break in series in 1956. Pre-1956 figures in horsepower for central electrical stations.

Series Q85-91. Electrical generation by utilities and industrial establishments, by type of prime mover, 1919 to 1976
(millions of kWh)

Year	Hydroelectric		Thermal		Nuclear	Total	
	Utilities	Industrial	Utilities	Industrial	Utilities	Utilities	Industrial
	85	86	87	88	89	90	91
1976	188,804	23,988	58,505	6,317	16,430	263,739	30,304
1975	172,920	29,476	53,570	5,568	11,858	238,348	35,044
1974	178,207	32,730	49,345	6,109	13,865	241,417	38,839
1973	161,076	31,766	50,055	6,214	14,256	225,354	37,981
1972	151,528	28,417	48,658	5,493	6,117	206,303	33,910
1971	133,315	27,669	46,753	4,843	3,892	183,960	32,512
1970	128,856	27,853	42,105	4,940	969	171,930	32,793
1969	120,581	28,666	36,386	4,976	494	157,461	33,641
1968	107,313	27,660	36,570	4,835	—	143,883	32,495
1967	104,703	28,045	28,598	4,279	—	133,301	32,324
1966	101,868	27,966	24,130	4,171	—	125,998	32,137
1965	87,648	29,415	23,150	4,061	—	110,798	33,476
1964	84,871	28,472	18,018	3,625	—	102,889	32,098
1963	78,113	25,719	15,388	3,018	—	93,501	28,737
1962	81,334	22,707	10,762	2,665	—	92,096	25,373
1961	82,326	21,593	7,063	2,731	—	89,389	24,325
1960	83,202	22,680	5,954	2,621	—	89,156	25,301
1959	77,768	19,272	5,281	2,350	—	83,049	21,622
1958	71,171	19,338	4,782	2,235	—	75,953	21,572
1957	66,040	17,333	5,483	2,259	—	71,523	19,592
1956	64,742	17,614	4,404	2,195	—	68,646	19,809
1955	59,774 ¹	16,964 ¹	3,340 ¹	2,143 ¹	—	63,114 ¹	19,107 ¹
1954	53,010 ¹	16,321 ¹	3,282 ¹	1,927 ¹	—	56,292 ¹	18,247 ¹
1953	49,409 ¹	15,113 ¹	3,836 ¹	1,943 ¹	—	53,245 ¹	17,056 ¹
1952	49,578 ¹	12,784 ¹	2,293 ¹	1,842 ¹	—	51,871 ¹	14,625 ¹
1951	46,096 ¹	12,158 ¹	1,776 ¹	1,746 ¹	—	47,872 ¹	13,904 ¹
1950	39,713 ¹	12,422 ¹	1,693 ¹	1,554 ¹	—	41,406 ¹	13,976 ¹
1949	35,992 ¹	12,000 ¹	1,445 ¹	1,454 ¹	—	37,437 ¹	13,454 ¹
1948	34,712 ¹	9,952 ¹	1,177 ¹	1,421 ¹	—	35,889 ¹	11,373 ¹
1947	35,132 ¹	9,711 ¹	1,049 ¹	1,283 ¹	—	36,181 ¹	10,994 ¹
1946	40,692	—	1,045	—	—	41,737	2,926
1945	39,131	—	999	—	—	40,130	2,590
1944	39,553	—	1,045	—	—	40,599	2,972
1943	39,660	—	819	—	—	40,480	3,471
1942	36,583	—	772	—	—	37,355	3,652
1941	32,629	—	689	—	—	33,318	3,161
1940	29,524	—	585	—	—	30,109	2,953
1939	27,829	—	509	—	—	28,338	2,641
1938	25,688	—	467	—	—	26,154	2,449
1937	27,176	—	512	—	—	27,688	2,538
1936	24,933	—	470	—	—	25,402	1,696
1935	22,884	—	399	—	—	23,283	1,644
1934	20,817	—	380	—	—	21,197	1,552
1933	17,006	—	333	—	—	17,339	1,358
1932	15,724	—	328	—	—	16,052	1,401
1931	16,025	—	306	—	—	16,331	1,289
1930	17,749	—	345	—	—	18,094	1,374
1929	17,604	—	359	—	—	17,963	1,343
1928	16,106 ²	—	232 ²	—	—	16,338	1,173
1927	14,346	—	203	—	—	14,549	828
1926	11,911	—	182	—	—	12,093	..
1925	9,942	—	169	—	—	10,110	..
1924	9,159	—	156	—	—	9,315	..
1923	7,936	—	163	—	—	8,099	..
1922	6,570	—	171	—	—	6,741	..
1921	5,448	—	167	—	—	5,614	..
1920	5,730	—	165	—	—	5,895	..
1919	5,353	—	144	—	—	5,497	..

¹ As reclassified in 1956, 1949-56 output from central stations using former classification as follows: for Hydro utilities, 1956, 73,525; 1955, 69,478; 1954, 62,572; 1953, 58,926; 1952, 57,024; 1951, 52,955; 1950, 46,624; 1949, 42,779 and 1948, 41,070. For Thermal utilities, 1956, 4,480; 1955, 3,473; 1954, 3,364; 1953, 3,934; 1952, 2,386; 1951, 1,897; 1950, 1,870; 1949, 1,639 and 1948, 1,320. For Total industrial, 1956, 10,400; 1955, 8,825; 1954, 8,040; 1953, 7,127; 1952, 6,695; 1951, 6,595; 1950, 6,544; 1949, 6,174 and 1948, 4,872.

² Hydro, for the years 1919 to 1928, includes auxiliary thermal generation at hydro plants. Change probably accounts for only a small part of increased thermal output in 1929.

Series Q92-96. Production and trade in electrical energy, 1919 to 1975
(millions of kWh)

Year	Net generation	Imports	Exports		Apparent consumption
			Firm	Surplus	
			(premium)	(secondary)	
92	93	94	95	96	
1975	273,392.4	3,971.6	2,375.1	9,034.1	265,954.8
1974	280,256.3	2,441.0	2,487.5	12,912.2	267,297.6
1973	263,334.9	2,249.2	2,637.1	13,649.0	249,298.0
1972	240,212.7	2,381.2	2,046.6	8,990.4	231,556.9
1971	216,472.2	3,378.4	1,860.2	5,460.8	212,530.1
1970	204,722.9	3,245.1	983.7	4,647.7	202,336.6
1969	191,102.2	3,740.2	837.9	3,482.2	189,521.3
1968	176,378.3	4,451.2	741.2	3,247.1	176,841.2
1967	165,624.8	4,181.0	705.0	3,288.8	165,812.0
1966	158,135.2	3,218.0	614.0	3,783.3	159,955.9
1965	144,273.8	3,575.0	634.8	3,049.3	144,164.7
1964	134,986.7	3,121.2	870.6	3,288.9	133,948.4
1963	122,238.2	2,884.3	882.4	2,730.4	121,509.7
1962	117,468.7	2,778.7	1,261.2	2,851.2	116,135.0
1961	113,713.3	1,394.0	1,192.3	2,964.9	110,950.1
1960	114,457.2	356.9	1,040.1	4,471.8	109,302.2
1959	104,670.6	512.0	1,075.7	3,517.3	100,589.5
1958	97,525.6	245.1	1,173.0	2,912.9	93,684.7
1957	91,114.8	833.0	1,311.3	3,521.2	87,115.2
1956	88,454.6	239.2	1,383.5	3,720.2	83,590.1
1955	82,221.3	158.6	1,516.3	2,917.2	77,946.4
1954	74,539.6	119.0	1,506.8	1,211.5	71,940.3
1953	70,300.0	180.6	1,701.8	722.2	68,057.5
1952	66,496.5	20.0	1,638.5	854.7	64,023.3
1951	61,775.7	9.0	1,618.1	757.5	59,409.1
1950	55,382.0	2.6	1,539.4	386.5	53,458.7
1949	50,890.2	31.2	1,378.6	378.2	49,164.6
1948	47,262.1	86.4	1,436.8	306.3	45,605.3
1947	47,174.4	53.0	1,429.0	637.5	45,160.9
1946	44,662.9	9.5	1,407.3	1,074.3	42,190.8
1945	42,720.4	15.9	1,426.3	1,426.3	40,089.9
1944	43,571.3	14.1	1,412.2	1,412.2	41,000.1
1943	43,950.2	0.6	1,429.5	1,115.6	41,405.8
1942	41,007.5	0.6	1,435.0	1,018.8	38,554.3
1941	36,479.1	0.7	1,443.9	915.6	34,120.3
1940	33,062.5	0.7	1,408.1	727.4	30,927.6
1939	30,978.6	0.7	1,424.7	487.9	29,066.7
1938	28,602.7	0.6	1,826.5		26,776.8
1937	30,225.4	1.3	1,578.1		25,521.3
1936	27,098.6	0.8	1,578.1		25,521.3
1935	24,926.7	0.7	1,364.6		23,562.7
1934	22,748.8	0.6	1,248.8		21,500.6
1933	18,696.9	0.6	989.4		17,708.1
1932	17,453.1	0.6	667.9		16,785.8
1931	17,620.3	5.4	1,235.3		16,390.5
1930	19,467.9	5.8	1,619.6		17,854.0
1929	19,305.7	6.1	1,444.5		17,867.3
1928	17,509.0	5.2	1,587.8		15,926.5
1927	15,377.5	5.0	1,632.6		13,749.9
1926	12,093 ¹	5.4	1,506.0		10,592.4 ¹
1925	10,110 ¹	..	1,285.5		8,824.5 ¹
1924	9,315 ¹	..	1,302.3		8,012.7 ¹
1923	8,099 ¹	..	1,343.5		6,755.5 ¹
1922	6,741 ¹	..	976.5		5,764.5 ¹
1921	5,614 ¹	..	885.3		4,728.7 ¹
1920	5,895 ¹	..	..		..
1919	5,497 ¹	..	..		..

¹ Utilities only, excludes industrial generation.

Series Q97-101. Electric utilities,¹ number of customers by class, 1920 to 1975
(thousands)

Year	Residential and farm	Commercial	Industrial	Street lighting	Total
	97	98	99	100	101
1975	6,988.5	921.7	— ²	..	7,910.3
1974	6,798.4	900.6	— ²	..	7,699.1
1973	6,612.1	801.3	83.4	..	7,496.9
1972	6,425.0	770.4	81.0	..	7,276.4
1971	6,215.1	750.1	76.1	..	7,042.1
1970	6,076.8	722.9	77.7	..	6,877.4
1969	5,818.4	691.9	88.0	9.9	6,708.2
1968	5,749.2	665.2	88.5	9.4	6,512.4
1967	5,590.7	638.5	90.0	8.7	6,327.9
1966	5,436.1	618.0	97.0	8.2	6,159.3
1965	5,282.5	608.6	91.6	7.1	5,989.9
1964	5,150.9	609.7	85.4	6.8	5,852.8
1963	4,975.1	575.9	96.8	7.1	5,654.9
1962	4,864.5	562.5	106.5	5.9	5,539.4
1961	4,716.8	548.1	104.3	6.2	5,375.4
1960	4,542.8	543.7	105.4	5.4	5,188.3
1959	4,381.6	528.6	103.5	5.0	5,018.7
1958	4,188.9	516.0	99.8	4.9	4,809.6
1957	4,004.2	506.5	95.7	4.7	4,611.2
1956	3,835.0	491.2	97.0	4.5	4,427.7
1955	3,645.3	481.9	93.3	4.4	4,424.9
1954	3,449.0	451.6	88.9 ³	4.2	4,001.6
1953	3,283.5	444.0	85.9	4.1	3,817.5
1952	3,112.3	422.4	82.0	3.9	3,620.6
1951	2,952.0	405.3	78.8	3.7	3,439.8
1950	2,797.4	392.4	76.4	3.5	3,269.8
1949	2,619.8	379.5	73.8	3.2	3,076.4
1948	2,398.8	349.7	70.4	3.1	2,822.0
1947	2,246.3	327.0	67.6	2.8	2,643.3
1946	2,104.5	306.6	63.0	2.7	2,476.8
1945	1,987.4	285.4	57.9	2.6	2,333.2
1944	1,906.5	273.5	55.7	2.5	2,238.0
1943	1,848.1	259.0	54.7	2.4	2,164.9
1942	1,803.7	264.7	54.5	2.4	2,125.3
1941	1,755.9	269.0	54.0	2.4	2,081.3
1940	1,686.4	265.2	52.6	2.3	2,006.5
1939	1,623.7	262.6	53.2	2.2	1,941.7
1938	1,559.4	259.9	52.2	2.2	1,873.6
1937	1,500.1	252.3	51.5	2.1	1,806.0
1936	1,443.1	245.1	50.6	2.0	1,740.8
1935	1,402.0	240.5	50.3	2.0	1,694.7
1934	1,379.2	229.2	49.8	2.0	1,660.1
1933	1,371.8	244.3	48.8	2.0	1,666.9
1932	1,357.5	248.5	49.5	2.0	1,657.5
1931	1,336.7	244.6	49.5	1.9	1,632.8
1930	1,317.3	238.8	50.0	1.7	1,607.9
1929	1,292.5	233.9 ⁴	28.0 ⁴	1.5	1,555.9
1928	1,207.5	215.7	40.8	—	1,464.0
1927	1,142.5	199.4	40.0	—	1,382.0
1926	1,110.6	188.6	38.4	—	1,337.6
1925	1,063.5	181.0	35.2	—	1,279.7
1924	988.5	176.4	36.0	—	1,201.0
1923	920.2	159.9	32.4	—	1,112.5
1922	889.3		164.2	—	1,053.5
1921	830.1		143.2	—	973.2
1920	764.9		129.3	—	894.2

¹ Includes customers of industrial establishments selling to the public.

² Included in commercial.

³ Until 1954, customers buying electricity for resale were recorded as industrial customers. To eliminate double counting these were excluded from 1955 on. The number of such customers in 1955 was 624.

⁴ In 1929, small industrial classified as commercial.

Series Q102-106. Electric utility sales¹ by class of customer, selected years, 1930 to 1975
(millions of kWh)

Year	Residential and farm	Commercial	Industrial	Street lighting	Total
	102	103	104	105	106
1975	64,128	128,472	— ²	1,971	194,571
1974	59,295	132,218	— ²	1,816	193,329
1973	54,020	37,676	84,293	1,735	177,724
1972	50,205	33,993	76,913	1,618	162,729
1971	46,541	30,252	68,879	1,540	147,203
1970	43,431	25,881	67,196	1,464	137,972
1969	40,446	22,642	62,967	1,396	127,451
1968	37,780	19,632	58,066	1,317	116,795
1967	35,005	17,148	54,403	1,206	107,762
1966	32,131	14,544	51,992	1,107	99,774
1965	29,738	13,280	46,808	1,021	90,847
1964	27,278	12,195	41,930	941	82,344
1963	25,322	10,887	52,129	871	89,209
1962	23,692	9,833	49,988	819	84,332
1961	21,980	8,667	48,500	727	79,874
1960	20,397	7,489	48,320	657	76,863
1959	19,007	8,058	44,220	603	71,888
1958	17,291	7,225	40,253	555	65,324
1957	15,858	6,113	38,062	511	60,544
1956 ³	14,339	5,323	36,247 ³	474	56,383 ³
1956 ³	14,332	5,322	46,003 ³	474	66,131 ³
1955	12,760	4,704	43,416	462	61,341
1954	11,281	5,210	40,640	407	56,537
1953	9,878	3,881	40,045	380	54,184
1952	8,741	3,489	38,348	348	50,927
1951	7,726	3,153	35,507	321	46,707
1950	6,750	2,809	31,707	303	41,570
1949	5,679	2,409	29,664	283	38,037
1948	4,984	2,155	28,804	264	36,207
1947	4,383	2,061	30,912	245	27,601
1946	3,882	1,840	29,449	223	35,394
1945	3,365	1,614	28,724	226	33,929
1944	3,047	1,418	29,783	198	34,446
1943	2,884	1,261	30,119	193	34,416
1942	2,717	1,313	27,112	199	31,341
1941	2,582	1,309	23,459	215	27,566
1940	2,437	1,207	21,042	206	24,891
1939	2,311	1,109	19,796	204	23,420
1938	2,173	1,032	17,934	197	21,336
1937	2,007	959	20,305	192	23,464
1936	1,887	871	18,347	196	21,295
1935	1,770	872	16,448	188	19,277
1934	1,717	808	14,462	188	17,175
1933	1,650	747	10,164	185	12,746
1931	1,564	763	..	..	..
1930	1,490	744	..	..	..

¹ Includes sales to the public by industrial establishments.

² Included with commercial.

³ Series changed in 1956, a number of producers reclassified as industrial.

Series Q107-113. Electric utility revenues by class of customer, 1919 to 1975

(millions of dollars)

Year	Residential and farm	Commercial	Industrial	Street lighting	Total domestic	Exported to U.S.	
						Final	Secondary
	107	108	109	110	111	112	113
1975	1,245.1	1,810.6	- ¹	57.9	3,113.6	20.4	84.5
1974	1,045.3	1,582.7	- ¹	48.8	2,676.8	20.9	147.9
1973	907.3	1,374.3	- ¹	44.0	2,325.6	19.9	95.0
1972	811.0	552.5	661.6	39.9	2,065.0	19.2	46.8
1971	748.8	493.8	597.8	37.9	1,878.3	13.3	43.0
1970	685.3	426.3	562.8	41.2	1,715.6	6.8	25.3
1969	607.3	372.8	512.6	37.7	1,530.4	5.7	9.3
1968	560.7	326.7	463.7	34.9	1,386.0	5.0	2.7
1967	507.1	291.3	417.8	32.0	1,248.2	4.7	3.1
1966	453.5	253.2	394.8	29.1	1,130.6	4.3	3.3
1965	424.9	234.2	358.0	26.2	1,043.3	5.6	4.4
1964	401.2	223.0	315.4	23.7	963.3	..	..
1963	384.0	200.9	359.6	21.7	966.2	4.6	2.0
1962	366.0	185.1	337.3	20.1	908.5	6.5	1.8
1961	346.8	166.7	327.5	17.9	858.9	5.8	3.8
1960	325.9	151.5	311.7	16.2	805.3	4.3	10.0
1959	305.7	141.5	293.8	14.8	755.8	5.0	8.9
1958	278.5	131.8	268.2	13.2	691.7	4.7	8.7
1957	257.0	119.5	250.3	11.9	638.7	4.7	13.1
1956	235.4	108.6	241.8	11.2	597.0	4.5	12.3
1955	211.5	97.1	229.7	10.4	548.7	..	11.7
1954	190.7	88.9	216.2	9.7	505.5	..	2.7
1953	168.3	80.7	211.1	8.9	469.0	..	2.4
1952	144.7	71.5	191.4	7.9	415.5	..	2.5
1951	127.7	64.4	175.2	7.3	374.6	..	2.4
1950	109.0	57.4	150.6	6.8	323.8	..	1.9
1949	90.3	49.0	134.9	6.1	280.3	..	1.8
1948	79.9	42.9	128.9	5.7	257.4	..	1.7
1947	70.3	40.8	122.4	5.4	238.9	..	2.1
1946	62.8	37.2	120.8	5.3	226.1	..	2.5
1945	55.8	32.9	121.4	5.0	215.1	..	2.7
1944	43.3	30.5	126.9	4.6	215.3	..	2.6
1943	51.3	28.1	120.7	4.7	204.8	..	..
1942	50.7	29.4	118.7	5.0	203.8	..	..
1941	48.7	29.4	102.9	5.1	186.1	..	..
1940	46.4	27.5	87.3	5.0	166.2	..	..
1939	43.8	25.7	76.7	4.9	151.1	..	1.9
1938	44.3	24.3	73.8	4.9	144.3	..	..
1937	39.3	23.1	76.3	4.8	143.5	..	..
1936	38.4	22.2	70.5	4.8	135.9	..	..
1935	36.8	21.0	64.6	4.8	127.2	..	..
1934	36.5	20.1	63.2	4.7	124.5	..	..
1933	36.0	19.5	57.3	4.7	117.5	..	..
1932	36.4	20.4	59.5	4.9	121.2	..	..
1931	35.3	20.7	61.5	4.8	122.3	..	..
1930	34.1	20.6	66.7	4.6	126.0	..	..
1929	33.6	23.3	61.6	4.4	122.9	..	..
1928	..	50.3 ²	62.0 ³	..	112.3	..	..
1927	..	45.8 ²	58.2 ³	..	104.0	..	..
1926	..	42.0 ²	46.9 ³	..	88.9	..	..
1925	..	38.8 ²	63.8 ³	..	102.6	..	..
1924	..	36.0 ²	59.2 ³	..	95.2	..	..
1923	..	33.2 ²	57.9 ³	..	91.1	..	..
1922	..	31.7 ²	50.6 ³	..	82.3	..	..
1921	..	28.8 ²	44.6 ³	..	73.4	..	..
1920	..	25.4 ²	40.3 ³	..	65.7	..	..
1919	..	20.2 ²	37.7 ³	..	57.9	..	..

¹ Included with commercial.

² For lighting purposes.

³ For all other purposes.

Series Q114-117. Gas utilities, number of customers by class, 1958 to 1976*(thousands)*

Year	Residential	Commercial	Industrial	Total	Year	Residential	Commercial	Industrial	Total
	114	115	116	117		114	115	116	117
1976	2,153,597	229,051	17,176	2,399,824					
1975	2,065,333	218,391	16,316	2,300,039	1965	1,427,326	130,902	11,311	1,569,539
1974	1,992,897	211,446	15,206	2,219,549	1964	1,372,873	122,829	10,800	1,506,502
1973	1,915,566	200,673	14,851	2,131,090	1963	1,322,554	116,331	10,405	1,449,290
1972	1,835,786	190,117	13,192	2,039,095	1962	1,249,237	108,015	9,235	1,366,487
1971	1,763,745	180,892	13,397	1,958,034	1961	1,174,966	100,490	8,157	1,283,613
1970	1,704,028	172,898	12,882	1,889,808	1960	1,099,448	96,135	7,403	1,203,252
1969	1,658,273	165,820	12,588	1,836,681	1959	1,028,142	84,292	6,595	1,119,293
1968	1,599,197	156,002	11,811	1,767,010	1958	952,755	7,428	6,080	1,032,997
1967	1,521,819	145,649	11,075	1,678,543					
1966	1,476,408	138,944	11,431	1,626,783					

Series Q118-125. Gas utilities sales by class of customer, 1958 to 1976*(millions of cubic feet and thousands of dollars)*

Year	Residential		Industrial		Commercial		Total ¹	
	Volume	Revenues	Volume	Revenues	Volume	Revenues	Volume	Revenues
	118	119	120	121	122	123	124	125
1976	312,846	558,712	763,179	894,808	294,885	442,023	1,370,910	1,895,543
1975	299,219	406,214	739,597	592,831	285,889	308,242	1,324,705	1,307,287
1974	292,961	326,705	745,929	422,228	275,431	231,462	1,314,321	980,395
1973	271,800	283,121	711,987	331,662	245,653	183,074	1,229,440	797,857
1972	280,811	286,762	623,405	278,047	241,581	175,574	1,145,795	740,383
1971	250,796	258,097	543,612	234,034	206,902	149,765	1,001,329	641,896
1970	241,793	246,786	489,503	202,563	186,145	132,969	917,441	582,317
1969	231,465	241,232	444,829	175,832	168,420	120,184	844,713	537,248
1968	214,662	226,359	407,287	158,292	144,056	105,461	766,006	490,112
1967	204,086	212,931	359,331	144,080	131,689	98,500	695,106	455,510
1966	195,261	202,327	324,532	129,474	115,722	84,411	635,515	416,212
1965	187,311	189,233	284,669	108,430	101,037	71,644	573,016	369,307
1964	163,626	170,553	257,403	97,201	83,475	60,229	504,503	327,983
1963	145,856	152,032	235,379	84,856	70,363	50,798	451,598	287,687
1962	134,919	138,439	213,468	73,657	63,675	45,564	412,062	257,660
1961	122,208	121,183	200,337	65,537	57,778	40,140	380,323	227,261
1960	110,132	106,983	164,234	52,851	51,122	34,656	325,730	194,584
1959	97,937	91,191	141,695	41,441	43,485	27,109	283,343	159,823
1958	77,224	67,573	94,134	26,723	36,261	20,166	207,807	115,000

¹ Totals for series Q124 and 125 may not add due to rounding.

Series Q126-130. Miscellaneous statistics of the electric power industry, selected years, 1891 to 1976
(all values in thousands of dollars)

Year	Capital invested	Number of employees	Salaries and wages	Cost of fuel	Pole line mileage
	126	127	128	129	130
1976	28,492.9	60,230	1,053,953	607,745	94,030 ¹
1975	24,666.0	57,937	886,400	402,833	90,074 ¹
1974	20,883.7	54,600	726,692	259,102	87,704 ¹
1973	18,527.9	52,629	621,396	201,204	89,358 ¹
1972	16,442.5	51,495	525,262	187,420	89,282 ¹
1971	15,073.1	50,626	497,825	175,331	85,417 ¹
1970	13,754.0	47,598	444,207	139,905	81,180 ¹
1969	12,488.4	46,308	391,265	119,597	81,920 ¹
1968	11,441.5	43,864	348,216	116,131	78,368 ¹
1967	10,401.6	43,866	314,898	97,112	72,766 ¹
1966	9,321.7	42,886	286,599	80,228	69,347 ¹
1965	8,479.8	43,794	265,582	77,564	66,931 ¹
1964	7,727.6	43,205	247,280	60,530	66,301 ¹
1963	7,300.5	41,344	226,302	42,422	63,817 ¹
1962	6,886.0	40,003	211,988	37,237	335,304
1961	6,456.9	39,389	198,416	24,673	330,313
1960	7,083.9	41,034	190,204	21,679	320,618
1959	6,570.7	39,440	182,789	19,285	310,840
1958	6,076.7	39,394	170,211	19,645	311,511
1957	5,595.8	37,817	153,952	23,733	285,306
1956	4,891.9	36,118 ²	137,967 ²	20,347 ²	271,556 ²
1955	..	35,178 ²	128,370 ²	17,078 ²	243,773 ²
1954	..	33,762	120,322	16,970	222,158
1953	..	..	115,652	19,727	213,176
1952	..	..	102,166	13,421	190,316
1951	..	..	89,130	11,000	170,582
1950	..	..	71,774	10,486	151,726
1949	..	..	70,552	10,185	135,329
1948	..	..	62,975	8,414	113,411
1947	..	..	54,111	6,684	98,530
1946	..	..	46,423	5,708	89,231
1945	..	21,283	39,251	5,099	83,178
1944	..	19,770	36,945	5,488	80,073
1943	1,778.2	19,120	35,786	3,968	70,063
1942	1,749.9	19,764	34,286	3,490	77,909
1941	1,641.5	19,880	31,648	2,934	77,253
1940	1,615.4	19,054	28,896	2,448	75,050
1939	1,564.6	18,848	28,223	2,017	72,132
1938	1,545.4	17,929	27,149	2,011	66,977
1937	1,497.3	17,018	25,624	2,583	63,035
1936	1,483.1	16,087	23,367	2,304	59,436
1935	1,459.8	15,342	22,520	2,055	59,436
1934	1,430.9	14,974	21,829	2,002	56,214
1933	1,386.5	14,717	21,432	1,846	56,570
1932	1,335.9	15,395	23,261	1,834	53,845
1931	1,230.0	17,014	26,307	1,892	52,399
1930	1,138.2	17,857	27,287	2,595	48,814
1929	1,055.7	16,184	24,832	3,016	42,913
1928	956.9	15,855	23,087	2,280	37,333
1927	866.8	14,708	22,946	2,303	33,573
1926	756.2	13,406	19,943	2,137	29,695
1925	726.7	13,263	18,756	2,266	27,653
1924	628.7	12,956	17,947	2,388	26,654
1923	581.8	11,094	14,784	2,639	23,560
1922	568.1	10,684	14,495	2,677	22,669
1921	484.7	10,714	15,235	3,025	21,714
1920	448.3	10,693	14,627	3,190	20,879
1919	416.5	9,656	11,487	2,621	18,911
1918	401.9	9,696	10,354	-	-
1917	356.0	8,847	7,778	-	-
1916	-	-	-	-	-
1915	248.6	-	-	-	-
1910	110.8	-	-	-	-
1905	80.4	-	-	-	-
1900	11.9	-	-	-	-
1891	4.1	-	-	-	-

¹ Distribution lines excluded from data available after 1962.

² Coverage changed in 1956.

Series Q131-136. Principal statistics of the Canadian petroleum and natural gas industry, 1929 to 1976
(all values in thousands of dollars)

Year	Number of employees	Salaries and wages	Cost of fuel and electricity ¹	Cost of materials and supplies ²	Value of marketable production	Value added
	131	132	133	134	135	136
1976	19,096	341,032	60,300	159,697	7,238,022	7,050,003
1975	18,053	280,884	42,711	110,260	5,974,735	5,838,459
1974	18,155	257,969	44,452	81,688	4,836,328	4,724,990
1973	16,786	212,145	37,768	70,481	2,979,704	2,883,273
1972	16,604	195,920	27,394	59,813	2,162,661	2,083,466
1971	15,896	175,432	23,067	53,212	1,852,077	1,779,369
1970	14,970	152,845	20,502	51,141	1,612,224	1,551,637
1969	14,153	138,248	17,478	40,000	1,450,472	1,399,638
1968	13,611	123,412	14,973	37,284	1,360,252	1,312,414
1967	13,113	111,855	13,453	32,415	1,229,686	1,189,867
1966	12,378	95,997	12,952	29,159	1,092,535	1,059,395
1965	11,817	84,687	14,080	23,724	978,135	942,409
1964	11,243	77,306	13,531	22,171	909,573	880,828
1963	11,237	76,012	13,334	21,331	818,457	796,444
1962	11,232	75,325	11,237	18,180	707,837	690,075
1961	11,184	71,179	9,903	15,218	608,801	598,902
1960	5,371	27,981	6,355	10,958	470,699	453,386
1959	6,721	33,702	7,420	9,662	455,517	438,435
1958	7,064	33,316	6,404	10,267	423,776	407,106
1957	7,821	36,302	5,970	10,692	465,325	448,662
1956	8,092	36,353	4,807	9,087	417,566	403,672
1955	6,868	26,018	3,569	5,984	319,861	310,308
1954	6,757	24,621	3,135	4,171	256,141	248,841
1953	6,919	24,504	2,739	3,067	211,338	..
1952	6,275	21,907	2,007	2,743	145,451	..
1951	5,843	18,010	1,237	2,148	123,057	119,672
1950	5,035	13,552	791	1,109	91,040	89,140
1949	4,354	11,018	658	391	78,674	77,624
1948	3,472	6,511	2,002	117	52,079	..
1947	3,080	6,112	980	137	31,877	..
1946	3,218	5,752	1,142	131	25,313	24,041
1945	3,858	6,892	976	136	24,982	..
1944	4,357	8,700	1,188	255	25,591	24,146
1943	4,281	8,059	892	210	28,459	..
1942	3,912	6,476	1,064	248	28,232	..
1941	4,005	6,097	713	199	26,234	25,322
1940	3,930	5,584	1,020	542	22,689	..
1939	3,770	5,104	790	741	21,476	19,945
1938	..	..	..	..	..	..
1937	3,648	4,828	547	662	15,040	13,831
1936	..	..	..	..	..	..
1935	..	..	..	..	..	..
1934	..	..	..	..	..	..
1933	2,085	2,425	190	..	11,288	..
1932	..	..	..	..	..	..
1931	2,901	3,707	330	..	12,966	..
1930	..	..	..	..	..	..
1929	4,174	6,024	335	..	12,924	..

¹ Cost of fuel is excluded starting in 1961.

² Cost of fuel is included starting in 1961.

Series Q137-142. Principal statistics of the Canadian coal mining industry, 1918 to 1976
(all values in thousands of dollars)

Year	Number of employees	Salaries and wages	Cost of fuel and electricity	Cost of material and supplies	Value of production	Value added
	137	138	139	140	141	142
1976	8,995	128,461	19,790	124,525	619,801	474,338
1975	8,416	109,795	17,304	89,821	573,452	483,493
1974	8,142	91,622	10,776	63,968	309,272	239,148
1973	7,856	75,522	9,116	43,019	216,992	166,704
1972	8,704	77,874	9,203	46,029	185,376	130,614
1971	8,069	64,790	7,097	44,062	155,077	103,563
1970	7,874	56,745	5,891	42,693	122,619	73,210
1969	7,371	44,738	3,505	19,743	87,568	64,051
1968	8,427	46,583	3,367	19,856	89,291	66,181
1967	8,227	41,133	3,362	14,721	82,760	..
1966	8,564	39,091	3,559	15,244	81,560	..
1965	9,076	39,150	3,792	16,159	75,901	..
1964	9,087	37,535	3,821	13,950	72,735	..
1963	8,903	35,624	3,731	13,011	71,757	..
1962	9,470	34,385	3,818	10,445	69,160	..
1961	10,461	35,608	4,063	10,080	70,053	..
1960	11,587	38,735	3,314	11,720	74,676	..
1959	11,485	37,123	4,275	10,706	73,876	..
1958	13,162	42,250	4,967	10,787	79,963	..
1957	14,569	47,222	4,863	11,449	90,221	..
1956	16,095	49,478	5,141	11,176	95,350	..
1955	16,590	50,325	5,015	10,353	93,579	..
1954	18,050	53,650	4,933	10,699	96,600	..
1953	19,845	59,350	5,969	12,177	102,722	..
1952	21,753	66,028	5,404	13,554	111,026	..
1951	22,647	63,128	4,678	11,869	109,039	..
1950	23,418	60,939	4,362	10,103	110,140	..
1949	24,230	61,205	4,352	11,145	110,915	..
1948	24,318	58,565	5,845	10,374	106,684	..
1947	22,227	46,312	4,050	7,651	77,475	..
1946	25,487	51,344	4,100	8,537	75,820	..
1945	24,925	49,432	3,994	7,611	67,588	..
1944	25,234	55,021	4,066	8,647	70,433	..
1943	24,866	47,292	3,844	7,708	62,878	..
1942	24,763	42,091	3,710	7,256	62,898	..
1941	26,330	38,150	3,545	6,136	58,060	..
1940	26,434	34,043	3,310	5,686	54,676	..
1939	26,472	30,721	3,223	4,981	48,677	..
1938	27,074	28,700	3,147	4,804	43,982	..
1937	27,202	31,642	3,580	5,137	48,752	..
1936	26,918	28,873	3,507	4,720	45,792	..
1935	26,198	26,595	3,405	4,515	41,963	..
1934	25,961	25,663	3,449	4,921	42,045	..
1933	25,375	22,379	3,215	3,698	35,923	..
1932	26,960	25,043	3,067	4,027	37,118	..
1931	27,860	28,802	3,060	4,655	41,207	..
1930	29,172	36,442	3,494	5,526	52,850	..
1929	29,739	42,376	3,657	6,404	63,065	..
1928	30,256	43,321	3,680	5,087	63,758	..
1927	29,772	38,956	4,898	5,440	61,867	..
1926	28,368	35,842	1,737 ¹	4,786	59,875	..
1925	25,032	33,200	1,571	4,623	49,262	..
1924	27,183	35,123	1,386	5,137	53,594	..
1923	32,046	46,216	1,347	5,463	72,058	..
1922	31,838	39,551	..	4,745	65,518	..
1921	31,849	46,476	1,856	9,229	72,452	..
1920	—	—	—	—	82,497	..
1919	—	—	—	—	55,623	..
1918	—	—	—	—	55,193	..

¹ Electric power only, 1936 and prior years.

Series Q143-148. Miscellaneous statistics of natural gas utilities, 1959 to 1976*(all values in thousands of dollars)*

Year	Property account	Number of employees	Salaries and wages	Mileage of pipelines		
				Gathering	Transmission	Distribution
	143	144	145	146	147	148
1976	6,102,593	10,624	143,232	11,979	27,147	43,750
1975	5,718,398	11,062	144,264	9,635	25,962	41,410
1974	5,306,847	10,745	121,788	8,613	25,107	39,292
1973	4,913,160	10,232	104,060	8,064	24,505	38,088
1972	4,531,542	9,496	91,297	7,256	22,880	37,103
1971	4,003,299	9,466	84,789	7,175	20,601	35,116
1970	3,571,453	9,741	79,366	6,791	19,282	33,840
1969	3,271,554	9,906	76,166	6,517	17,872	31,980
1968	2,960,045	9,685	67,777	5,905	16,535	29,892
1967	2,688,390	9,561	62,938	5,376	15,613	27,305
1966	2,483,815	9,955	58,013	5,319	14,935	25,728
1965	2,334,239	11,172	65,529	5,206	14,206	24,661
1964	2,167,556	10,887	59,996	4,918	13,311	23,634
1963	1,961,850	10,916	57,727	4,692	12,388	22,540
1962	1,808,700	10,590	54,540	4,568	11,845	20,940
1961	1,709,365	10,725	52,502	4,877	11,217	19,545
1960	1,534,918	10,336	49,656	3,680	10,716	18,419
1959	1,391,317	9,889	44,610	3,308	9,941	17,162

Series Q149-159. Canadian refinery shipments of petroleum products, 1949 to 1976
(thousands of barrels)

Year	Gasoline and naphtha	Aviation turbo fuel	Kerosine and stove oil	Diesel fuel	Light fuel oils (nos. 2,3)	Heavy fuel oils (nos. 4,5,6)	Lubricants	Asphalt	Petroleum coke	Liquified refinery gas	Petro- chemical feed stocks
	149	150	151	152	153	154	155	156	157	158	159
1976	233,063	24,538	23,223	75,929	89,264	104,053	3,853	17,795	626	10,756	..
1975	223,876	23,763	22,231	75,685	90,988	110,709	3,717	18,727	1,020	8,734	..
1974	216,356	23,162	22,670	72,865	95,399	118,655	4,009	18,693	1,083	8,671	21,130
1973	210,131	20,625	24,706	68,654	90,208	114,836	4,179	18,265	1,016	9,334	19,022
1972	188,495	16,565	23,846	65,554	84,901	108,848	4,450	16,031	927	8,386	14,791
1971	171,711	14,853	22,284	60,544	73,710	78,645	4,202	15,117	645	7,701	16,415
1970	163,756	13,835	22,295	52,841	70,499	70,245	4,017	14,772	603	8,020	12,461
1969	157,513	10,861	21,116	49,971	65,938	65,318	3,636	13,423	675	6,546	11,648
1968	153,247	9,821	19,114	47,681	65,628	62,826	3,180	13,031	699	6,470	10,482
1967	143,605	8,799	18,515	45,629	62,062	54,329	3,239	12,584	1,094	6,384	10,255
1966	138,450	7,970	19,021	42,826	60,996	51,889	3,250	12,339	1,096	5,915	9,478
1965	131,106	6,734	18,681	39,470	58,657	48,093	3,273	11,161	1,156	5,018	8,298
1964	124,629	7,130	18,771	35,720	58,745	48,160	3,148	10,813	993	4,788	8,867
1963	118,841	7,479	18,716	32,531	59,000	46,076	2,815	9,964	958	4,409	6,662
1962	—	6,788	17,672	30,488	53,618	43,974	2,654	9,366	970	4,737	6,122
1961	107,223	6,378	17,140	28,707	52,197	41,320	2,373	9,257	964	4,247	5,114
1960 ¹	104,144	4,879	14,611	28,192	48,621	38,043	1,754	9,557	178 ²	4,075	3,619
1959 ¹	96,884	4,277	13,905	27,483	48,318	36,786	2,025	9,099	196 ²	2,998	6,237
1958 ¹	90,910	4,302	11,514	23,264	41,619	34,374	1,888	9,162	177 ²	3,541	4,440
1957 ¹	87,779	4,790	10,465	25,933	38,556	40,100	2,117	8,196	155 ²	2,834	1,930
1956 ¹	87,264	4,013	11,565	21,102	38,511	42,136	2,116	8,441	156 ²	2,455	—
1955 ¹	78,258	2,631	11,064	15,398	28,759	34,035	1,540 ³	7,201	154 ²	1,851	—
1954 ¹	69,816	1,637	9,384	12,290	23,894	30,204	1,581 ³	5,834	157 ²	1,486	—
1953 ¹	65,199	1,149	8,958	10,860	18,500	29,061	1,631 ³	5,579	147 ²	784	—
1952 ¹	59,208	378	7,689	9,698	15,545	27,336	1,693 ³	5,395	151 ²	624	—
1951 ¹	53,684	232	8,447	7,500	14,651	23,635	1,901 ³	4,913	121 ²	407	—
1950 ¹	46,682	—	6,459	6,882	11,546	21,460	1,665 ³	4,165	88 ²	169	—
1949 ¹	42,128	—	5,941	5,941	8,588	19,854	1,642 ³	3,944	84 ²	—	—

¹ 1960 and earlier output.

² Tons.

³ Oil only.