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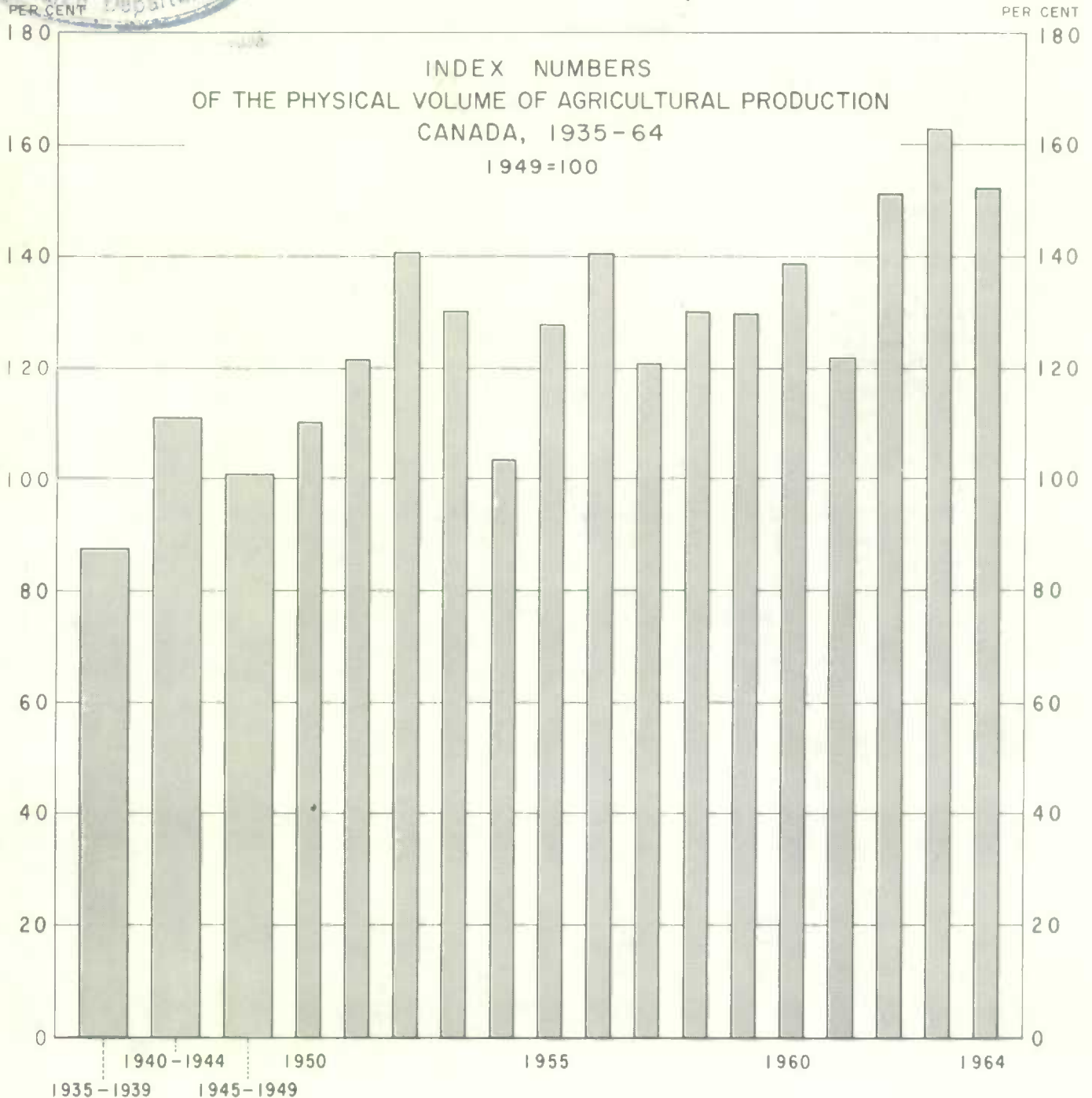
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INDEX OF FARM PRODUCTION, 1964



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INDEX NUMBERS OF PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION, 1964(1)

(1949=100)

The index of physical volume of agricultural production for Canada is estimated at 151.5 for 1964. Although it is 7 per cent below the high of 162.9 established in 1963, it is the second highest production estimate on record. The decline is due entirely to the reduction in grain production between 1963 and 1964, particularly in Saskatchewan and Alberta. For the remaining commodities considered in the index, production for all of Canada was above the level of the previous year. Much of the revision of the estimates for 1962 and 1963 can be attributed to substantial changes in the estimates of dairy production.

On a provincial basis, the greatest decline in the index of production occurred in Saskatchewan where much of the end product of farm production is represented by crops. Smaller crops were also reflected in the decline in the index for Alberta, but the effect was much less than in Saskatchewan because of the relatively greater importance of livestock and livestock products. Nova Scotia and Quebec were the only other provinces where the index of production was below the 1963 level. In the case of Nova Scotia, lower total production is largely attributable to a decrease in the output of dairy products and eggs. Smaller production of dairy products and hogs accounted for much of the decline in the index for Quebec.

Estimates of total production for the remaining provinces were above the 1963 levels with the greatest gain occurring in Manitoba; nearly all products contributed to this increase, but the most important contribution stemmed from the substantial improvement in wheat production in 1964 over 1963. Production in British Columbia was up by more than 6 per cent; although the production of nearly all items increased in 1964, the most important gain was recorded for livestock. Total production in Prince Edward Island increased by nearly 6 per cent between 1963 and 1964 largely as a result of expanded production of livestock and dairy products more than offsetting smaller potato production. Potato production was also down in New Brunswick but the output of livestock and poultry products increased sufficiently to give a total production for 1964 slightly above that of a year earlier. Total agricultural production was up in Ontario with nearly all commodities contributing to this gain.

The index has been designated as an index of unduplicated gross farm production and, in its construction, provision has been made to avoid double-counting of farm output. Within a province, such double-counting occurs when feed grains, credited to field crop production, are fed to livestock, and appear later as livestock and livestock products. Interprovincially, this duplication occurs when feed grains produced in one province are fed in another, and when feeder cattle raised in one section of the country are shipped to another for finishing.

(1) Excludes Newfoundland.

For the years 1947 to date, the agricultural products included in the index are, in so far as statistics are available, all commodities produced on farms for, (1) sale, except direct inter-farm sales, (2) consumption in farm homes, or (3) addition to farm inventories. For the years 1935 to 1946 inclusive, years covered by the original index on a base of 1935 - 39=100, only the more important items of agriculture production are considered.

Laspeyre's formula was used in the preparation of the index of farm production so that it expresses, for each year, production as a percentage of the gross output in the base year. For the period 1947 to date, the index was first constructed on a weight base of 1947-51=100 and then converted to a time base of 1949=100. For the years 1935 to 1946, the original index was linked to the later index by applying to the index numbers for each of these early years a ratio of the average annual index numbers (1949=100) for the five years 1947-51 to the average of the index numbers (1935-39=100) for the same five years.

For more information concerning the conversion of this index from its original base of 1935-39=100 to its present time base of 1949=100, refer to the Index of Farm Production for 1962.

The estimates contained in this report are based on many sources. These include the Census of Agriculture; periodic Bureau surveys of the production of crops, livestock and animal products; and agricultural statistics arising out of the administrative responsibilities of various government departments, both Federal and Provincial.

Index Numbers of Physical Volume of Agricultural Production - Canada(1) by Provinces 1935-1964

(1949=100)

	Canada	P. E. I.	N. S.	N. B.	Que.	Ont.	Man.	Sask.	Alta.	B. C.
1935	83.3	58.8	124.8	71.4	90.4	86.6	57.9	86.5	90.7	65.3
1936	73.5	66.4	123.5	80.0	95.1	77.8	57.6	63.2	72.1	68.1
1937	74.2	64.7	131.1	80.2	98.4	89.5	93.5	25.3	85.0	72.2
1938	94.2	66.3	126.2	72.0	92.6	90.0	90.6	82.5	133.8	74.4
1939	111.2	68.6	122.8	76.9	102.7	94.0	102.5	137.3	134.7	78.7
1940	111.9	67.9	116.2	85.5	106.1	88.6	107.1	127.9	156.1	82.7
1941	89.7	61.7	104.3	73.4	90.3	87.4	102.6	84.1	104.5	69.6
1942	141.4	79.7	123.4	85.1	106.6	102.6	138.9	197.3	192.8	80.5
1943	94.0	67.7	115.9	100.9	100.5	77.8	115.6	99.5	100.4	79.6
1944	117.3	77.6	134.8	102.7	110.2	95.5	112.2	148.9	129.9	96.8
1945	91.3	76.9	96.6	79.7	86.4	85.6	91.0	97.8	99.7	89.2
1946	106.3	75.1	118.0	88.4	90.9	93.7	111.9	115.5	129.3	104.1
1947	100.5	80.5	101.4	90.6	97.5	90.3	102.8	101.9	123.5	94.0
1948	105.4	83.7	103.0	94.5	103.6	95.8	115.8	107.2	122.6	92.3
1949	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1950	110.0	91.9	102.1	96.0	108.0	98.7	111.0	128.8	115.9	92.0
1951	121.6	77.2	97.1	82.1	110.6	101.6	112.7	154.6	148.7	92.9
1952	140.8	102.3	108.5	91.3	116.2	112.5	124.0	200.6	168.8	104.0
1953	130.1	102.0	104.2	92.1	113.3	105.1	110.0	174.5	160.4	108.2
1954	103.2	98.5	109.6	85.1	110.9	102.9	91.0	90.8	122.0	108.2
1955	127.7	100.3	114.4	97.4	124.6	108.3	103.6	164.0	146.7	106.5
1956	140.3	101.2	115.5	103.2	127.2	113.9	132.2	184.1	165.3	113.7
1957	120.8	107.9	113.9	98.1	128.0	118.9	106.8	119.7	133.3	118.9
1958	129.9	106.2	110.8	94.5	133.8	132.4	127.1	117.8	150.0	123.2
1959	129.8	97.7	116.7	91.8	134.3	125.3	122.8	124.9	153.7	128.8
1960	138.7	98.5	117.0	96.8	134.5	128.7	126.2	162.3	150.4	131.8
1961	122.0	99.0	123.2	99.4	144.9	137.6	88.2	79.5	149.5	144.4
1962	150.9	99.7	124.5	94.5	151.8	142.1	149.6	166.1	160.3	152.3
1963	162.9	97.8	127.6	95.2	150.4	141.0	128.4	219.4	181.9	150.4
1964	151.5	103.5	125.5	97.6	149.2	144.0	155.7	151.1	176.4	160.3

(1) Excludes Newfoundland.

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