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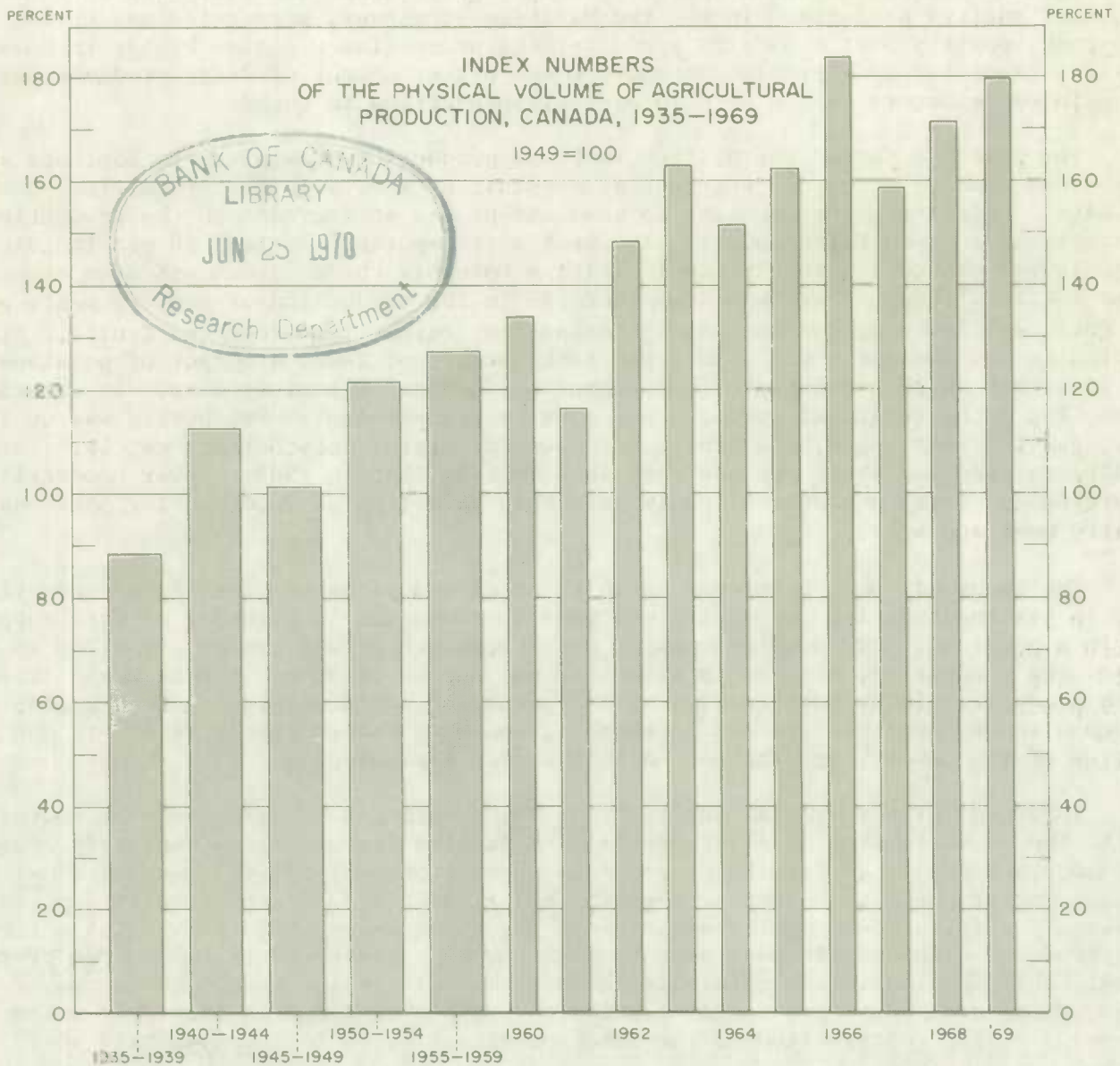
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Industry, Trade and Commerce

Price: 25 cents per copy

INDEX OF FARM PRODUCTION, 1969



MAY 1970
9504-303

Prepared in Paris Finance Section, AGRICULTURAL DIVISION

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INDEX NUMBERS OF PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION, 1969(1)

(1949 = 100)

The index of physical volume of agricultural production for Canada for 1969 is estimated at 179.7, about 5 per cent above the revised estimate of 171.1 for 1968. The estimate for 1969 is the second highest on record being exceeded only by the revised figure of 183.3 for 1966. The increase in production between 1968 and 1969 is due in large part to greater production of grain crops, particularly in Saskatchewan. Lesser gains were also recorded for poultry meat, eggs, and dairy products. Production of livestock and potatoes was down.

Increased over-all production was limited to four provinces, Prince Edward Island, Nova Scotia, Quebec and Saskatchewan with most of the over-all increase occurring in Saskatchewan as a result of larger grain crops and some gain in the output of poultry products. In the two Maritime provinces, production was up for livestock, poultry meat and dairy products; egg production was also higher in Nova Scotia. Increased poultry meat production and higher output of dairy products were the main contributors to the gain in over-all production in Quebec.

The greatest percentage decline in total production took place in Manitoba where output was down by nearly 10 per cent as a result of a drop in the production of wheat and oats. Offsetting this decline to some extent was an increase in the production of livestock and poultry products. The next most important decline in provincial agricultural production took place in British Columbia where output was down about 5 per cent. Although there was some increase in the production of poultry meat, eggs and potatoes, lower production was estimated for grains, livestock and fruits. Production in New Brunswick was down 3 per cent because of reduced output of potatoes and livestock which more than offset higher production of poultry meat. In Ontario, production of agricultural products was down by 1.5 per cent. Production was up for hogs, poultry meat, eggs, and fruits but down for grain, potatoes and cattle. Farmers in Alberta produced about one per cent less in 1969 than in 1968. Lower production of grains and dairy products slightly more than offset gains recorded for potatoes, poultry meat and eggs.

The index has been developed as an index of unduplicated gross farm production and, in its construction, provision was made to avoid double-counting of farm output. Within a province, such double-counting could occur when feed grains, credited to field crop production, are fed to livestock and appear later as livestock and livestock products. Interprovincially, this duplication could occur 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.

To avoid intraprovincial duplication, the quantities of farm products included in the index are limited to (1) those sold by farmers (except direct inter-farm sales), (2) amounts consumed in farm homes on farms where produced, and (3) amounts equal to changes in farm-held inventories of grains and livestock. Interprovincial duplication is largely eliminated by making adjustments for those cases where provincial agricultural production depends in part upon feed grains and feeder cattle from other provinces. This duplication is eliminated before the calculation of the index numbers by deducting from total provincial production, valued in terms of base year prices, the value of the contribution of the other provinces, also in terms of base year prices.

(1) Excludes Newfoundland.

Laspeyre's formula has been 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. The index numbers for the period 1947 to date have been constructed on a time and weight base of 1949 = 100. For the years 1935 to 1946, they were constructed on a time and weight base of 1935-39 = 100. The index numbers for the years 1935 to 1946 were linked to the series for 1947 to date by applying to the original index numbers for each of the early years the ratio of the index numbers for 1947 (1949 = 100) to the index numbers for 1947 (1935-39 = 100). 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 sale (except direct inter-farm sale), consumption in farm homes or additions to farm inventories. This commodity content is in contrast with that for the years 1935 to 1946 which, when the index numbers were originally developed, was limited to the major items of production. The use of only the major items of agricultural production in these early years provided a fairly accurate measure of gross agricultural output, but with the need to develop a net index of farm production it has been necessary to increase coverage as close to 100 per cent as possible.

For more information concerning the development of this index from its original base of 1935-39 = 100 to its present base of 1949 = 100, please refer to the report on the Index of Farm Production for 1966.

The estimates contained in this report are based on many sources. These include: 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 by Province 1935-69

(1949 = 100)

	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada(1)
1935	59.5	129.8	73.9	94.8	88.5	57.4	88.6	89.2	60.4	84.4
1936	67.1	128.5	82.8	99.8	79.5	57.1	64.8	70.9	63.0	74.4
1937	65.4	136.3	83.1	103.2	91.5	92.8	26.0	83.7	66.8	75.1
1938	67.0	131.2	74.6	97.1	92.0	89.9	84.6	131.7	68.8	95.5
1939	69.3	127.7	79.7	107.8	96.1	101.6	140.8	132.6	72.8	112.6
1940	68.7	120.9	88.6	111.3	90.6	106.2	131.1	153.7	76.5	113.4
1941	62.4	108.5	76.0	94.7	89.3	101.8	86.2	102.9	64.3	90.9
1942	80.6	128.4	88.2	111.9	104.9	137.7	202.2	189.8	74.5	143.3
1943	68.5	120.5	104.5	105.4	79.5	114.6	102.0	98.8	73.6	95.2
1944	78.5	140.3	106.4	115.6	97.7	111.3	152.7	127.9	89.5	118.9
1945	77.8	100.5	82.5	90.7	87.6	90.2	100.3	98.2	82.5	92.6
1946	75.9	122.7	91.6	95.4	95.8	110.9	118.4	127.3	96.3	107.7
1947	80.7	103.0	90.4	97.3	90.6	102.4	101.6	123.6	92.8	100.6
1948	83.8	103.7	94.1	102.3	95.7	114.5	106.6	121.8	91.3	104.9
1949	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1950	91.6	103.4	95.6	108.0	99.3	111.8	129.3	115.5	90.9	110.4
1951	76.7	93.8	79.8	107.0	103.1	114.9	155.7	149.9	93.3	122.3
1952	96.6	106.1	85.9	113.6	105.5	130.3	204.9	167.2	105.2	140.0
1953	98.7	106.2	91.6	108.1	105.4	110.1	176.0	160.1	111.8	130.2
1954	96.1	115.9	84.5	109.5	105.6	92.1	90.1	122.3	112.4	104.0
1955	96.2	114.1	90.6	117.9	107.4	103.8	164.8	147.8	109.7	127.1
1956	94.7	112.6	91.8	116.9	108.8	131.2	182.2	163.5	113.1	136.5
1957	99.8	110.9	88.5	117.9	115.4	103.6	118.8	130.7	116.7	117.0
1958	98.7	109.4	85.7	123.8	128.0	127.0	124.2	150.4	120.2	128.2
1959	90.5	111.4	80.0	123.8	121.7	120.0	128.3	154.9	126.6	127.3
1960	89.2	112.3	84.7	124.2	122.8	123.0	160.4	146.4	130.7	133.9
1961	93.3	118.5	87.1	132.7	134.1	83.7	74.7	144.2	141.3	116.2
1962	93.7	122.0	89.2	142.0	140.0	147.3	166.2	159.1	149.6	148.2
1963	94.8	123.8	86.5	142.7	140.4	128.3	222.7	183.8	148.6	162.6
1964	103.7	119.9	89.9	142.7	145.8	156.9	151.1	176.7	163.4	151.2
1965	97.5	122.9	88.2	144.4	146.6	165.7	185.6	192.1	154.8	162.1
1966	114.6	127.1	97.8	154.9	156.9	159.0	238.5	221.6	174.9	183.3
1967	102.9	131.4	90.8	159.9	154.8	163.1	150.6	184.0	175.2	158.7
1968	110.6	134.5	97.1	165.8	158.4	176.4	170.4	211.9	178.9	171.1
1969	111.5	140.5	94.2	170.8	156.1	159.3	222.4	209.1	169.0	179.7

(1) Excludes Newfoundland.

