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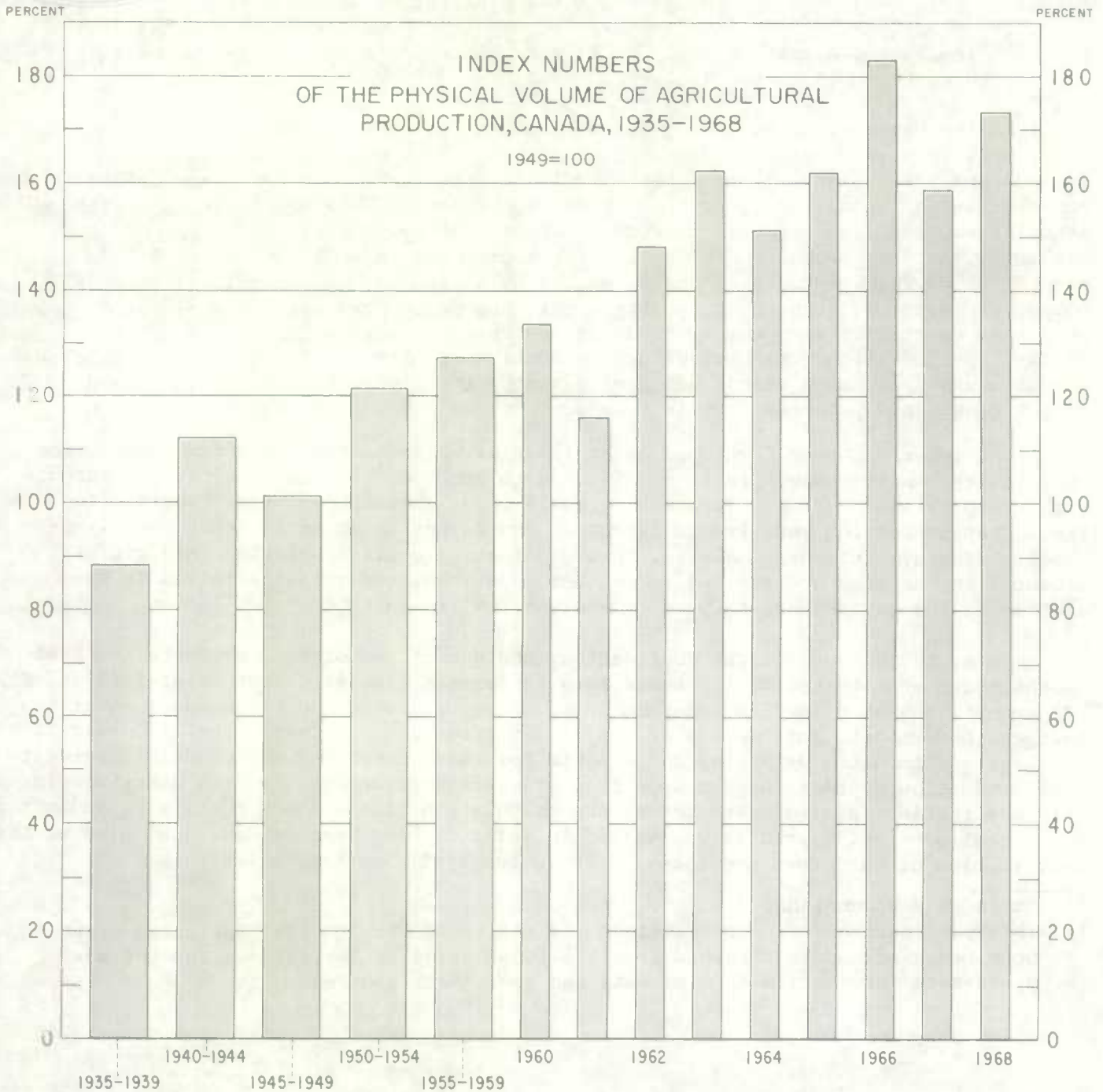
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INDEX OF FARM PRODUCTION, 1968



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INDEX NUMBERS OF PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION, 1968(1)

(1949 = 100)

The index of physical volume of agricultural production for Canada is estimated at 173.3 for 1968, 9.1 per cent above the revised estimate of 158.9 for 1967(2). The estimate for 1968 is the second highest on record being exceeded only by the revised figure of 183.3 for 1966. The increase in production between 1967 and 1968 is due in large part to expanded grain production in the Prairie region. Lesser gains were also recorded for poultry and eggs, potatoes, and dairy products. Production of livestock and fruits was slightly down.

Increases in the total volume of agricultural production occurred in all provinces in 1968. On a percentage basis the greatest gains occurred in the Prairie Provinces where they ranged from nearly 9 per cent in Manitoba to approximately 16 per cent in Alberta almost entirely as a result of the substantial improvement in grain production in 1968 over 1967.

In the Maritime provinces, production increases varied from slightly more than 3 per cent in Nova Scotia to just over 5 per cent in Prince Edward Island. In the Island province the gain in production reflects a larger potato crop than in 1967 and an increase in the output of grain. Production gains in Nova Scotia in 1968 stemmed from larger grain crops and increased output of poultry products and hogs. In New Brunswick, farmers produced more hogs, eggs and grains in 1968 than in 1967. Total production of farm products in Quebec was up by 4 per cent as a result of increased output of potatoes, vegetables, poultry meat, and dairy products. Higher output of potatoes, vegetables and poultry products was chiefly responsible for the gain of nearly 5 per cent in total agriculture production in Ontario. Production in British Columbia was up by more than 5 per cent over the 1967 level because of increased output of grains, potatoes, cattle, and poultry and dairy products.

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.

(2) This publication includes revisions for the years 1960 to 1967 inclusive based upon bench-mark data obtained from the 1966 Census of Agriculture and the most up-to-date information from private and government sources.

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 1935-68

(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 | 157.0 | 159.0 | 238.5 | 221.6 | 174.9 | 183.3 |
| 1967 | 103.0 | 132.0 | 91.3 | 160.4 | 155.1 | 163.3 | 150.8 | 184.4 | 175.3 | 158.9 |
| 1968 | 108.4 | 136.2 | 94.8 | 167.0 | 162.5 | 177.5 | 171.5 | 213.7 | 185.2 | 173.3 |

(1) Excludes Newfoundland.



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