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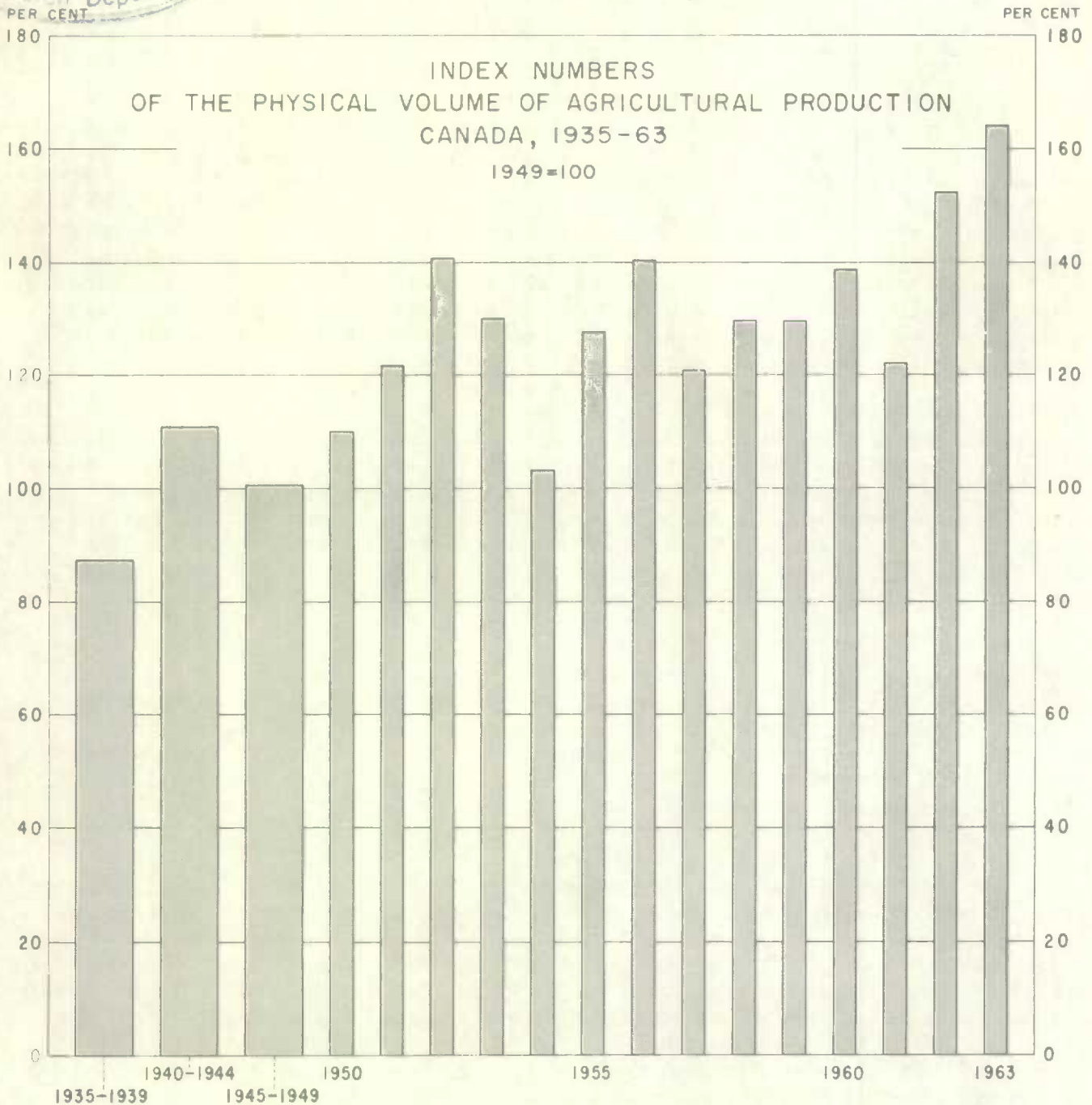
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## INDEX OF FARM PRODUCTION, 1963



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INDEX NUMBERS OF PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION, 1963(1)

1949=100

The index of physical volume of agricultural production for Canada is estimated at 164.1 for 1963 (1949 = 100), 7.8 per cent above the revised and previous record high-level estimate of 152.2 established in 1962. For the most part, this gain can be attributed to the increased output of grain, particularly wheat, in Saskatchewan and Alberta. Also contributing to the higher total production in 1963 were small increases in the outputs of cattle, hogs, poultry, dairy products and fruits. Reduced production was recorded for potatoes, vegetables, calves, and eggs.

On a provincial basis the most important increase in farm production occurred in Saskatchewan where total output was up by one-third over the 1962 estimate largely as a result of the bumper wheat harvest in 1963. For much the same reason, the index of production in Alberta rose by just over 14 per cent. The only other province for which an increase was recorded was Nova Scotia where the index moved up fractionally because of increased output of such important items as poultry products, hogs and fruit. For the remaining provinces, production was down in 1963. The greatest decline, approximately 14 per cent, occurred in Manitoba where unfavourable weather conditions reduced field crop yields quite significantly. Reductions recorded for the other provinces were relatively small.

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.

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 Bureau publication, Index of Farm Production, Catalogue No. 21-203.

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 1935-1963

(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 .....	152.2	100.5	126.0	96.8	155.1	143.4	151.2	167.2	160.4	153.1
1963 .....	164.1	97.4	127.7	95.4	154.8	139.4	130.6	222.4	183.6	150.3

(1) Excludes Newfoundland.

