

approximate. In the commercial industries as a whole, output per person employed increased between 1946 and 1965 at an average annual rate of 3.3 p.c., while output per man-hour grew by 4.1 p.c. per annum.

**Inter-industry Shift Effects.**—In addition to measuring the changes in productivity within the component industries, the aggregate productivity indexes measure the effect of shifts in employment and production between industries having different levels of productivity. One of the most significant such shifts within the commercial industries of Canada during the postwar years was from agriculture to the non-agricultural industries, where a higher level of output per unit of labour input prevails. The effect of this shift can be measured in various ways and a number of alternative calculations have been carried out for the most recent annual publication,\* all of which confirm, to a greater or lesser extent, that the decline in the relative importance of agriculture made a positive contribution to the total increase in output per person employed in the commercial industries between 1946 and 1965.

\* DBS Catalogue No. 14-201.

**15.—Indexes of Output per Person Employed and per Man-Hour, 1946-65**  
(1949 = 100)

Year	Output	Persons Employed	Man-Hours	Output per Person Employed	Output per Man-Hour
<b>COMMERCIAL INDUSTRIES</b>					
1946.....	88.1	92.4	95.3	95.3	92.4
1947.....	94.0	96.8	97.4	97.1	96.5
1948.....	97.4	98.6	99.2	98.8	98.2
1949.....	100.0	100.0	100.0	100.0	100.0
1950.....	106.7	100.0	97.7	106.6	109.2
1951.....	114.9	102.5	99.5	112.1	115.5
1952.....	123.0	103.5	99.7	118.8	123.3
1953.....	127.0	104.0	100.0	122.1	127.0
1954.....	123.4	103.3	98.9	119.5	124.8
1955.....	136.8	104.7	99.5	130.7	137.6
1956.....	149.8	108.9	103.5	137.5	144.7
1957.....	149.3	110.8	103.4	134.7	144.5
1958.....	150.8	107.7	99.3	140.0	151.8
1959.....	159.3	109.5	101.0	145.5	157.8
1960.....	161.7	109.0	99.8	148.3	162.0
1961.....	164.4	109.4	98.6	150.3	166.8
1962.....	175.6	111.7	100.8	157.2	174.1
1963.....	186.1	113.8	101.9	163.5	182.5
1964.....	198.2	117.9	105.3	168.1	188.3
1965.....	212.7	122.2	107.6	174.1	197.7
1965 as percentage of 1946.....	241.5	132.2	112.9	182.7	213.9
Annual trend rate of change <sup>1</sup> .....	+4.4	+1.1	+0.3	+3.3	+4.1
<b>AGRICULTURE</b>					
1946.....	109.4	109.4	112.1	100.0	97.8
1947.....	102.8	103.5	102.4	99.3	100.4
1948.....	106.1	101.1	100.8	104.9	105.3
1949.....	100.0	100.0	100.0	100.0	100.0
1950.....	106.2	93.9	91.8	113.1	115.7
1951.....	120.9	86.6	86.2	139.6	140.3
1952.....	148.8	82.2	82.6	181.0	180.2
1953.....	136.3	79.2	81.1	172.2	168.0
1954.....	104.3	81.0	83.9	128.8	124.4
1955.....	132.1	75.6	78.4	174.9	168.5
1956.....	141.7	71.6	74.8	198.0	189.4
1957.....	117.5	68.8	70.9	171.2	165.7
1958.....	125.1	65.7	66.7	190.5	187.5
1959.....	125.1	63.8	64.7	196.0	193.4
1960.....	127.9	62.3	62.9	205.5	203.5
1961.....	116.0	62.2	61.6	186.5	188.3
1962.....	134.7	60.2	59.3	223.6	227.2
1963.....	147.5	59.1	57.4	249.5	256.9
1964.....	140.2	57.6	55.1	243.6	254.7
1965.....	149.9	54.2	51.4	276.4	282.0
1965 as percentage of 1946.....	137.1	49.6	45.8	276.5	299.1
Annual trend rate of change <sup>1</sup> .....	+1.5	-3.6	-3.8	+5.3	+5.5

<sup>1</sup> Calculated by fitting a straight line to the logarithms of the data using the least squares method.