

approximate. In the commercial industries as a whole, output per person employed increased between 1946 and 1964 at an average annual rate of 3.1 p.c., while output per man-hour grew by 3.9 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 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 1964.

*DBS Catalogue No. 14-201.

14.—Indexes of Output per Person Employed and per Man-Hour, 1946-64

(1949=100)

Year	Output	Persons Employed	Man-Hours	Output per Person Employed	Output per Man-Hour
COMMERCIAL INDUSTRIES					
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	106.5	100.0	97.7	106.5	109.0
1951	114.6	102.5	99.5	111.8	115.3
1952	122.4	103.5	99.7	118.3	122.8
1953	126.2	104.0	100.0	121.3	126.3
1954	122.5	103.3	98.9	118.6	123.9
1955	135.7	104.7	99.5	129.6	136.4
1956	147.8	108.9	103.5	135.7	142.8
1957	146.5	110.8	103.6	132.2	141.4
1958	148.0	107.7	99.6	137.4	148.6
1959	155.7	109.5	100.9	142.2	154.2
1960	157.3	109.0	99.7	144.3	157.9
1961	159.7	109.4	98.5	146.0	162.2
1962	170.1	111.8	100.8	152.1	168.7
1963	179.4	114.1	101.8	157.2	176.2
1964	190.4	118.0	104.9	161.4	181.5
1964 as percentage of 1946	p.c. 216.2	127.6	110.0	169.4	196.5
Annual trend rate of change ¹	p.c. +4.1	+1.0	+0.3	+3.1	+3.9
AGRICULTURE					
1946	109.4	109.4	112.1	100.0	97.6
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	68.6	70.9	171.2	165.8
1958	125.1	65.7	66.7	190.5	187.5
1959	125.2	63.8	64.7	196.1	193.5
1960	128.0	62.3	62.9	205.6	203.6
1961	116.0	62.2	61.6	186.6	188.3
1962	134.7	60.2	59.3	223.6	227.2
1963	147.6	59.1	57.4	249.6	257.0
1964	140.3	57.6	55.1	243.7	254.7
1964 as percentage of 1946	p.c. 128.2	52.6	49.1	243.7	260.9
Annual trend rate of change ¹	p.c. +1.5	-3.6	-3.7	+5.3	+5.4

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