

CATALOGUE No.

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MONTHLY



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## MAN-HOURS AND HOURLY EARNINGS

WITH AVERAGE WEEKLY WAGES

AUGUST 1965

*Published by Authority of*  
The Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Labour Division  
Employment Section

November 1965  
8003-502

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Vol. 21—No. 8

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(separate figures of earnings and hours for men and women and for salaried employees and wage-earners in one week in autumn from 1946 with industrial and area detail; charts and explanatory material. Special data are obtained on a rotational basis in successive years:

- (1) a segregation of office and clerical workers from the salaried group
- (2) a distribution of wage-earners and salaried employees in a given range of weekly earnings and
- (3) a distribution of wage-earners in a given range of hours worked in the survey week)

Inquiries regarding these reports should be directed to the Labour Division, Dominion Bureau of Statistics, and subscriptions to the Publications Distribution Unit, Financial Control Section, Dominion Bureau of Statistics, or to the Queen's Printer, Ottawa, Canada.

CATALOGUE No.

72-003

MONTHLY

Man-Hours and Hourly Earnings August 1965

ERRATA

Canada - Table 1

August 1965

Should read:

	<u>A.H.E.</u>	<u>A.W.W.</u>
Manufacturing .....	2.09	86.00
Durable Goods .....	2.27	94.51
Transportation Equipment .....	2.50	102.33
Motor vehicle parts and accessories .....	2.46	102.10

Ontario - Table 2

Should read:

Manufacturing .....	2.20	90.47
Transportation Equipment .....	2.63	106.71
Motor vehicles parts and accessories .....	2.50	103.40

St. Catharines - Table 3

Should read:

Manufacturing .....	2.63	107.29
Transportation Equipment .....	3.01	124.43

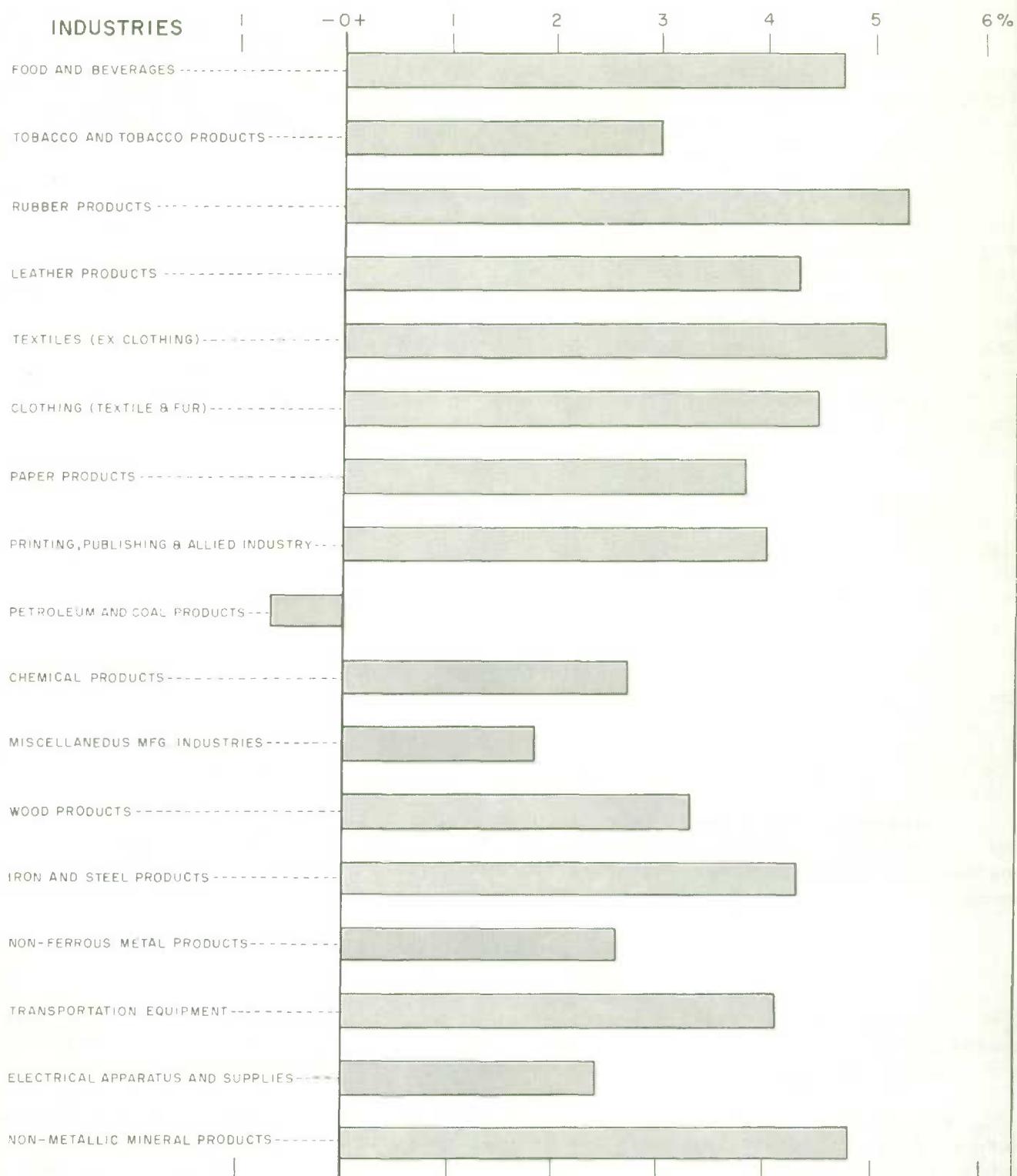
Note: The above revisions involve minor changes in paragraphs one and two on page five and paragraph three on page seven of the text.



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PERCENTAGE CHANGES IN AVERAGE HOURLY EARNINGS, OF HOURLY RATED  
WAGE-EARNERS; MAJOR MANUFACTURING INDUSTRIES - CANADA  
AUGUST 1964 - AUGUST 1965



## MAN-HOURS AND HOURLY EARNINGS - AUGUST 1965

### Manufacturing

In August, average hourly earnings in manufacturing were \$2.10, a gain of one cent from July. The number of reported wage-earners increased by 1.5 per cent, average weekly hours were 0.3 hours longer and average weekly wages rose by 74 cents to \$86.10. Compared with August 1964, average hourly and weekly earnings were 8 cents and \$2.79 higher, respectively, and average weekly hours were 0.2 hours shorter.

Average hourly earnings in durable goods manufacturing rose to \$2.28, one cent higher than the July level. More activity at above-average rates in non-ferrous metals and iron and steel, together with wage increases in the latter industry, were the main contributing factors. While some wage increases in transportation equipment also tended to strengthen earnings, their effect was outweighed by less higher-paid employment, caused by a labour dispute and lay-offs for model change-over in motor vehicles and a labour dispute in aircraft and parts. A higher employment level in food and beverages and more activity in electrical apparatus, where rates are below-average, restricted the increase in hourly earnings to some extent. In the year-to-year comparison, average hourly earnings were 7 cents higher, average weekly hours dropped by 0.3 hours and average weekly wages advanced by \$2.32.

In non-durable goods manufacturing, average hourly earnings were \$1.91, a drop of one cent from July. In general, this was due to varying degrees of increased activity in industries where rates are below-average, namely, leather products, textiles and clothing, and to more lower-paid employment in food and beverages. Increased employment in paper products, more activity in rubber, printing and publishing and chemicals, augmented by scattered overtime payments and some wage increases in those industries, somewhat curtailed the decline in earnings. Compared with August 1964, average hourly and weekly earnings were 7 cents and \$3.10 higher, respectively, and average weekly hours were unchanged.

### Non-Manufacturing Industries

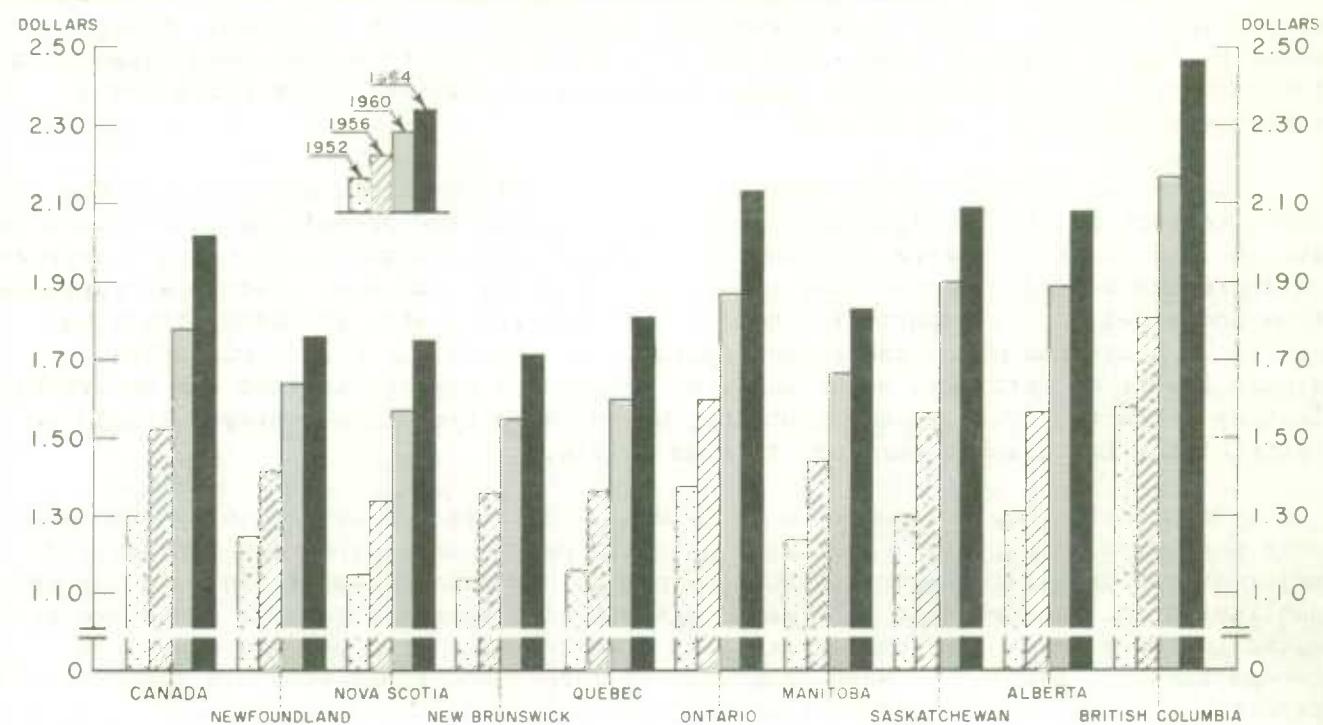
Employment levels were higher in both sectors of the construction industry. The increase in employment was greater in the higher-paid building and general engineering sector and thus was primarily responsible for an advance of 2 cents in average hourly earnings.

### Manufacturing - Provinces

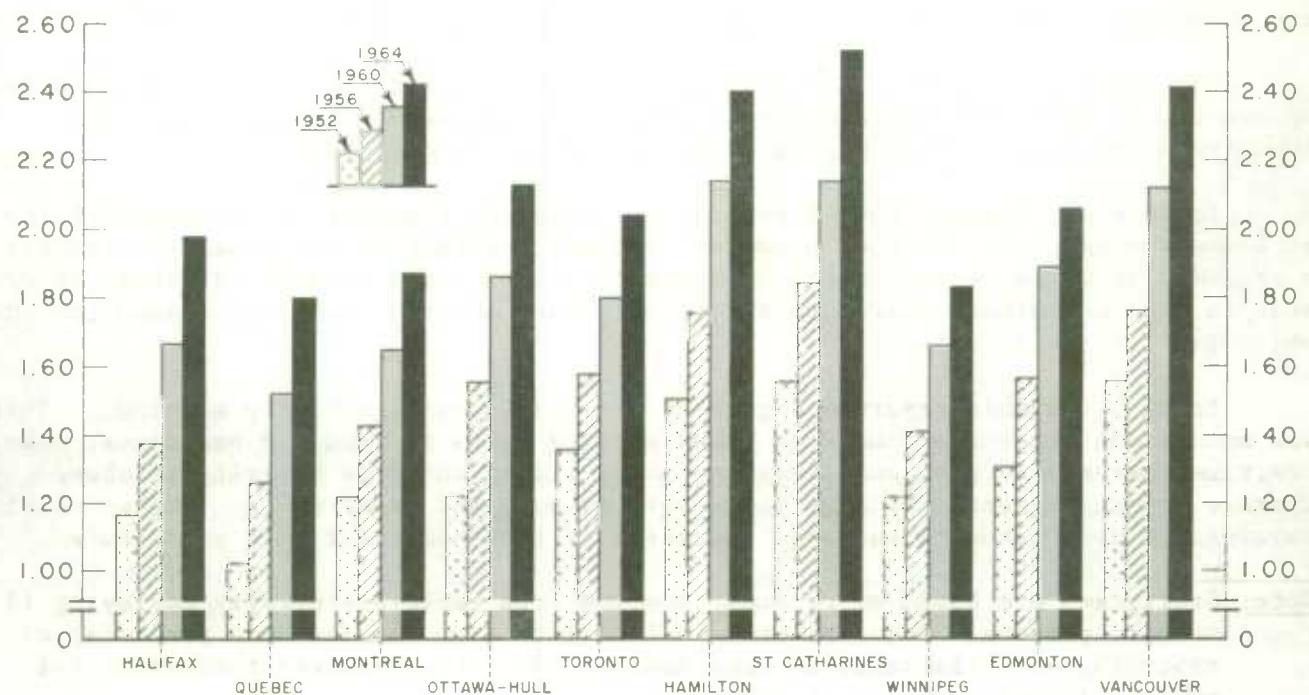
In Newfoundland, average hourly earnings were 12 cents higher, due to an increase of higher-paid employment, coupled with overtime, in pulp and paper mills and a seasonal lay-off in fish processing, where rates are below-average.

An advance of 4 cents in average hourly earnings was reported for Nova Scotia. Reduced activity in wood products and shorter hours in food and beverages, where rates are below-average, and more higher paid employment, with scattered wage increases, in iron and steel and transportation equipment accounted for most of the increase.

AVERAGE HOURLY EARNINGS OF HOURLY-RATED WAGE-EARNERS, MANUFACTURING  
CANADA AND PROVINCES - SPECIFIED YEARS



AVERAGE HOURLY EARNINGS OF HOURLY-RATED WAGE-EARNERS, MANUFACTURING  
SPECIFIED URBAN AREAS-1952, 1956, 1960, 1964



Average hourly earnings were 5 cents lower in New Brunswick. A seasonal increase of employment at below-average rates in food and beverages was the dominant responsible factor. Lower hourly earnings in transportation equipment, brought about by longer hours of lower-paid and reduced overtime of higher-paid workers in the industry, also contributed. Wages increases in pulp and paper mills had a contrary effect.

In Quebec, a rise of one cent in average hourly earnings was due, for the most part, to factors which originated in industries where the prevailing rates are above-average. Such factors were overtime in printing and publishing and varying degrees of increased activity in chemical products, non-ferrous metals, electrical apparatus, iron and steel and transportation equipment. A further strengthening effect was caused by scattered wages increases reported for the latter three industries. Higher levels of activity, principally of a seasonal nature, in food and beverages, leather products, textiles and clothing, where rates are below-average, tended to restrict the increase in earnings to some degree.

Notwithstanding movements in individual industries, average hourly earnings were unchanged in Ontario. Increased activity was reported for most groups, the major exception being transportation equipment. Overtime payments in printing and publishing and non-metallic minerals, together with more activity at above-average rates in those industries and in iron and steel, rubber products and chemicals, tended to raise earnings. Wage increases in rubber and paper products had a similar effect. The gain occasioned by these factors was neutralized by increased activity at below-average rates in food and beverages, leather, textiles, clothing, electrical apparatus and wood products and considerably less employment in transportation equipment, where rates are above-average. The situation in the latter industry reflects a labour dispute and lay-offs for model change-over in motor vehicles and a labour dispute in aircraft and parts.

A rise of one cent in average hourly earnings was reported for Manitoba. Overtime rates in iron and steel contributed to some extent, but the increase was due primarily to shorter hours of lower-paid workers in a number of industries.

Average hourly earnings dropped by one cent in Saskatchewan. This was caused by reduced activity in iron and steel, where rates are above-average, and more lower-paid employment, combined with less overtime, in meat products.

In Alberta, average hourly earnings declined by 2 cents. Increased activity at below-average rates in wood products, reduced overtime in non-metallic minerals, a seasonal increase of lower-paid employment in food and beverages and less employment in iron and steel, where prevailing rates are above-average, accounted for the major part of the decrease.

British Columbia reported a gain of 2 cents in average hourly earnings. This was mainly due to shorter hours at below-average rates in food and beverages, some overtime payments in iron and steel and shipbuilding and more activity at above-average rates, augmented by wage increases, in pulp and paper mills. Higher hourly earnings in wood products and wage increases in iron and steel also contributed.

Note: Statistics are based on returns received from employers usually employing 15 or more persons. These returns include data from the last pay period(s) of reporting establishments in each month. The latest figures throughout this publication are subject to revision.

TABLE 1. Average Hours and Average Earnings of Hourly-Rated Wage-Earners, Canada, by Industry

Industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	
	number					dollars				
<b>Mining</b>	42.2	41.8	41.6	2.42	2.43	2.30	102.24	101.55	95.53	80,682
Metal mining	42.2	42.2	41.4	2.51	2.52	2.38	105.97	106.48	98.59	53,337
Gold (a)	42.4	41.7	41.9	2.00	2.00	1.86	84.85	83.33	78.00	10,884
Other metal (b)	42.1	42.3	41.3	2.65	2.66	2.55	111.38	112.68	105.34	42,453
Copper-gold-silver	40.0	39.4	38.9	2.41	2.43	2.31	96.52	95.79	89.90	9,606
Iron	45.7	46.1	44.6	2.87	2.93	2.81	131.03	135.09	125.30	8,575
Uranium	39.8	40.6	39.1	3.01	3.09	3.15	119.85	125.69	122.99	1,604
Fuels	41.5	38.3	40.8	2.30	2.28	2.18	95.63	87.42	88.93	14,021
Coal	41.9	35.3	42.0	1.97	1.88	1.90	82.66	66.25	79.64	7,991
Oil and natural gas (c)	41.0	42.2	38.9	2.75	2.73	2.67	112.81	114.94	103.99	6,030
Non-metal (d)	43.2	44.1	43.0	2.18	2.19	2.09	94.31	96.35	90.00	13,324
Asbestos	40.7	42.3	40.7	2.44	2.45	2.39	99.26	103.42	97.34	5,622
<b>Manufacturing</b>	41.1	40.8	41.3	2.10	2.09	2.02	86.10	85.36	83.31	1,024,563
Durable goods	41.6	41.2	41.9	2.28	2.27	2.21	94.71	93.33	92.39	501,693
Non-durable goods	40.7	40.4	40.7	1.91	1.92	1.84	77.83	77.40	74.73	522,870
Food and beverages	40.5	41.0	40.2	1.77	1.79	1.69	71.69	73.52	67.71	132,993
Meat products	40.5	40.7	41.1	2.08	2.09	2.02	84.43	85.19	83.29	25,114
Canned and cured fish	36.9	41.3	35.0	1.34	1.34	1.24	49.46	55.47	43.39	16,616
Canned and preserved fruits and vegetables	40.6	39.1	39.6	1.43	1.44	1.26	57.86	56.32	49.85	25,714
Grain mill products	42.6	43.0	43.0	2.03	2.01	1.96	86.60	86.51	84.09	5,478
Bread and other bakery products	40.9	41.4	40.9	1.81	1.82	1.75	74.00	75.19	71.47	13,443
Biscuits and crackers	39.4	39.3	39.3	1.64	1.63	1.58	64.60	63.99	61.92	5,732
Distilled liquors	42.0	41.4	40.8	2.45	2.49	2.35	102.97	103.11	95.84	3,018
Malt liquors	40.2	42.2	39.2	2.62	2.61	2.53	105.48	110.15	99.38	5,712
Confectionery	40.2	38.4	40.6	1.54	1.54	1.45	61.95	59.05	58.70	8,284
Tobacco and tobacco products	37.2	37.1	38.2	2.37	2.36	2.30	88.20	87.43	87.83	6,647
Rubber products	42.0	41.4	42.5	2.19	2.18	2.08	91.85	90.05	88.31	18,220
Rubber footwear	41.9	40.1	42.5	1.63	1.62	1.54	68.39	64.83	65.57	5,038
Other rubber products (e)	42.1	41.9	42.5	2.40	2.38	2.29	100.82	99.48	97.56	13,182
Leather products	40.0	39.3	40.6	1.46	1.45	1.40	58.66	56.98	56.94	24,860
Boots and shoes (except rubber)	40.0	38.9	40.7	1.43	1.41	1.36	57.40	55.00	55.44	16,530
Other leather products (f)	40.0	40.0	40.6	1.53	1.53	1.48	61.15	61.02	59.95	8,330
Textile products (except clothing)	42.3	41.3	42.6	1.64	1.62	1.56	69.24	67.04	66.49	55,265
Cotton yarn and broad woven goods	41.4	39.2	42.2	1.67	1.64	1.61	68.95	64.27	67.91	15,729
Woollen goods	43.2	42.8	42.6	1.49	1.47	1.41	64.40	62.88	60.15	8,514
Synthetic textiles and silk	42.6	41.9	43.2	1.77	1.77	1.67	75.68	74.15	71.93	15,465
Filament yarn and staple fibres	41.1	40.3	42.3	2.14	2.13	2.00	87.79	85.76	84.69	7,208
Spun yarn and fabrics	44.0	43.3	43.9	1.48	1.48	1.39	65.11	63.95	61.18	8,257
Clothing (textile and fur)	38.8	38.0	39.5	1.39	1.38	1.33	54.07	52.21	52.65	92,357
Men's clothing	38.5	37.5	39.2	1.37	1.35	1.31	52.79	50.77	51.24	32,759
Women's clothing	37.5	36.5	38.1	1.51	1.49	1.45	56.69	54.45	55.43	25,443
Knit goods	41.9	41.5	42.3	1.29	1.27	1.24	54.02	52.86	52.66	17,138
*Wood products	41.4	41.1	41.5	1.86	1.85	1.80	77.21	75.86	74.47	93,215
Saw and planing mills	40.5	40.3	40.4	1.97	1.95	1.92	79.80	78.83	77.60	60,693
Plywood and veneer mills	40.0	38.4	39.1	2.04	2.01	1.94	81.59	76.97	75.86	12,064
Sash, door and planing mills	43.1	42.7	43.2	1.64	1.63	1.57	70.91	69.83	67.56	12,426
Sawmills	39.7	40.1	39.8	2.07	2.06	2.06	82.26	82.49	82.26	36,203
Furniture	43.5	42.6	43.5	1.71	1.69	1.63	74.22	71.81	70.76	24,838
Other wood products (g)	42.3	41.9	42.9	1.57	1.56	1.47	66.40	65.22	63.15	7,684
Paper products	42.0	42.0	41.6	2.46	2.44	2.37	103.30	102.32	98.84	86,312
Pulp and paper mills	41.9	42.0	41.5	2.65	2.62	2.55	110.82	109.87	105.89	61,887
Other paper products (h)	42.4	41.9	42.1	1.99	1.98	1.89	84.25	82.85	79.52	24,426
Paper boxes and bags	42.8	42.1	42.4	2.01	1.99	1.90	85.76	83.86	80.59	14,730
Printing, publishing and allied industries	39.4	39.2	39.2	2.58	2.56	2.48	101.76	100.36	97.40	34,560

For footnotes (a) to (o) see notes on last page.

\* Durable manufactured goods industries.

TABLE 1. Average Hours and Average Earnings of Hourly-Rated Wage-Earners, Canada, by Industry - Concluded

Industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	
<b>Manufacturing - Concluded:</b>					number					dollars
<b>*Iron and steel products</b>										number
Agricultural implements	40.1	40.8	41.8	2.45	2.50	2.45	98.42	101.93	102.53	10,371
Boilers and plate work	42.8	43.2	42.7	2.33	2.31	2.24	99.74	99.70	95.61	5,446
Fabricated and structural steel	43.0	42.6	42.7	2.39	2.38	2.25	102.66	101.40	96.10	9,960
Hardware and tools	42.1	41.9	42.9	2.04	2.01	1.92	85.99	84.25	82.48	11,526
Heating and cooking appliances	41.2	40.6	41.2	2.06	2.05	1.97	85.06	83.12	81.20	7,079
Iron castings	42.7	42.8	42.4	2.31	2.37	2.24	98.69	101.34	94.69	17,756
Machinery (i)	42.5	41.8	42.7	2.31	2.32	2.19	98.14	96.87	93.53	29,631
Household, office and store	40.8	38.6	41.9	2.29	2.21	2.21	93.12	89.01	92.72	5,628
Industrial (j)	42.9	42.6	42.9	2.32	2.07	2.19	99.32	98.82	93.75	24,003
Primary iron and steel	40.5	40.6	40.8	2.88	2.83	2.72	116.68	114.78	110.98	39,010
Sheet metal products	41.9	42.0	42.0	2.34	2.34	2.24	98.07	98.43	94.28	16,226
Wire and wire products	42.4	41.8	43.4	2.33	2.29	2.28	98.79	95.61	98.91	8,720
<b>*Transportation equipment</b>										
Aircraft and parts	41.5	39.8	42.3	2.40	2.39	2.37	99.47	95.18	100.43	12,409
Motor vehicles	39.6	40.7	43.2	2.80	2.83	2.72	110.72	115.10	117.42	23,319
Motor vehicle parts and accessories	41.5	41.0	43.2	2.56	2.40	2.39	106.14	98.60	103.13	24,749
Railroad and rolling stock equipment	41.0	40.3	40.2	2.43	2.43	2.26	99.68	97.88	90.76	21,399
Shipbuilding and repairing	41.0	38.8	40.9	2.47	2.43	2.31	101.15	94.45	94.59	18,552
<b>*Non-ferrous metal products</b>										
Aluminum products	42.5	43.1	41.3	2.11	2.12	2.05	89.87	91.64	84.68	5,546
Brass and copper products	42.4	42.2	42.7	2.19	2.17	2.22	92.81	91.37	94.54	6,079
Smelting and refining	40.7	40.5	40.1	2.66	2.65	2.57	108.04	107.35	102.95	24,269
Other non-ferrous metal products (k)	41.5	40.5	41.2	1.80	1.79	1.71	74.74	72.32	70.36	8,024
<b>*Electrical apparatus and supplies</b>										
Heavy electrical machinery and equipment <sup>1</sup>	41.0	40.4	41.1	2.10	2.09	2.05	86.01	84.18	84.08	61,703
Telecommunication equipment	41.3	41.6	41.1	2.33	2.34	2.29	96.13	97.35	93.85	13,407
Batteries	39.9	39.0	39.7	1.87	1.85	1.83	74.48	72.22	72.52	15,001
Refrigerators, vacuum cleaners and appliances	41.6	40.1	42.1	2.02	1.98	1.96	84.01	79.56	82.53	1,593
Wire and cable	38.5	39.9	40.4	2.18	2.23	2.13	83.93	89.17	85.94	7,714
Miscellaneous electrical products	44.3	42.4	43.6	2.37	2.28	2.31	104.90	96.80	100.93	5,525
41.8	40.2	41.7	1.99	1.95	1.92	83.32	78.42	80.19	18,257	
<b>*Non-metallic mineral products (l)</b>										
Clay products	44.1	44.0	44.2	2.18	2.16	2.08	96.16	95.09	91.81	35,938
Glass and glass products	42.4	42.6	42.8	1.96	1.95	1.87	82.85	83.04	79.78	4,386
41.4	41.5	41.6	2.17	2.14	2.09	89.65	88.81	86.96	9,339	
Products of petroleum and coal	41.5	41.5	41.7	2.92	2.91	2.94	121.25	120.96	122.67	7,433
Petroleum refining and products	41.6	41.6	41.8	2.95	2.94	2.98	122.87	122.36	124.55	7,090
Chemical products	41.1	40.7	40.8	2.31	2.30	2.25	95.01	93.66	91.66	32,801
Medicinal and pharmaceutical preparations	39.5	40.1	39.9	1.81	1.82	1.75	71.62	72.93	69.92	3,455
Acids, alkalis and salts	41.4	41.1	40.0	2.69	2.67	2.59	111.34	109.82	103.42	6,792
Fertilizers	40.7	40.1	40.9	2.43	2.44	2.30	98.93	97.78	94.08	2,181
Paints and varnishes	41.6	41.3	40.3	2.10	2.11	2.03	87.54	87.05	82.02	2,910
Miscellaneous manufacturing industries	41.3	40.9	41.4	1.67	1.68	1.64	69.12	68.62	67.80	31,421
Professional and scientific equipment	40.7	39.8	40.5	1.95	1.96	1.94	79.27	77.99	78.49	7,971
<b>Construction</b>										
Building and general engineering (m)	43.0	43.1	42.9	2.41	2.39	2.23	103.81	102.90	95.59	259,648
Building	41.8	41.9	41.8	2.64	2.61	2.45	110.64	109.32	102.20	175,584
General engineering	40.8	40.9	40.8	2.62	2.59	2.45	107.13	106.07	99.97	145,774
Highways, bridges and streets	46.7	47.0	47.0	2.74	2.66	2.43	127.82	125.23	114.45	29,810
45.4	45.6	44.9	1.97	1.97	1.86	89.55	89.59	83.57	84,064	
<b>Electric and motor transportation (n)</b>										
44.2	43.6	44.9	2.20	2.18	2.08	97.33	95.11	93.56	47,263	
<b>Service (o)</b>										
Hotels and restaurants	37.0	37.2	37.8	1.27	1.27	1.19	46.86	47.10	45.00	98,108
Laundries and dry cleaning plants	36.8	37.0	37.1	1.21	1.21	1.15	44.48	44.63	42.65	64,910
39.0	39.3	40.0	1.24	1.23	1.14	48.16	48.34	45.73	15,409	

For footnotes (a) to (o) see notes on last page.

\*Durable manufactured goods industries. <sup>1</sup> Index numbers of average hourly earnings in this industry appear in Table 8.

TABLE 2. Average Hours and Earnings of Hourly-Rated Wage-Earners in Specified Industries, Provinces

Province and industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	
	number									dollars
<b>Newfoundland</b>										
Mining	48.0	47.4	46.3	2.32	2.36	2.28	111.56	111.92	105.41	4,819
Manufacturing	43.5	43.0	39.5	1.75	1.63	1.73	76.33	69.88	68.24	9,614
Food and beverages	42.0	42.7	36.4	1.11	1.08	1.08	46.84	46.29	39.19	4,458
Canned and cured fish	41.6	42.4	35.2	1.01	1.00	0.98	42.06	42.56	34.36	3,693
Pulp and paper mills	44.6	41.3	42.1	2.78	2.73	2.74	124.02	112.79	115.33	2,714
Building and general engineering (m)	50.1	48.6	46.4	1.74	1.74	1.77	87.14	84.59	82.25	5,975
<b>Nova Scotia</b>										
Coal mining	43.1	33.6	42.7	1.92	1.80	1.84	82.83	60.44	78.60	5,876
Manufacturing	40.5	41.4	41.7	1.80	1.76	1.73	72.80	72.78	72.03	25,437
Food and beverages	39.1	43.3	42.7	1.29	1.29	1.11	50.57	55.70	47.44	6,643
Canned and cured fish	37.6	42.2	41.0	1.26	1.21	1.08	47.44	51.32	44.27	4,106
Wood products	42.5	44.5	44.8	1.18	1.18	1.09	50.14	52.57	48.98	1,822
Iron and steel products	40.3	41.4	41.3	2.34	2.30	2.34	94.29	95.11	96.81	5,041
Primary iron and steel	39.8	41.6	41.5	2.51	2.47	2.49	100.05	102.63	103.30	3,691
Transportation equipment	41.5	39.9	41.1	2.11	2.07	2.03	87.55	82.41	83.40	6,225
Shipbuilding and repairing	42.1	40.4	41.7	2.14	2.06	2.03	90.30	83.43	84.62	4,127
Building and general engineering (m)	40.0	40.9	40.3	1.89	1.90	1.77	75.32	77.96	71.52	5,723
Highways, bridges and street construction	44.4	44.7	45.4	1.58	1.59	1.47	70.24	70.89	66.73	3,513
<b>New Brunswick</b>										
Manufacturing	40.6	41.6	40.2	1.70	1.75	1.64	69.16	72.79	66.07	20,171
Food and beverages	38.6	42.6	37.9	1.22	1.30	1.16	47.13	55.38	44.10	7,064
Saw and planing mills	45.7	45.3	45.6	1.27	1.26	1.21	57.88	57.22	55.33	2,264
Pulp and paper mills	41.1	41.7	41.2	2.46	2.44	2.39	100.92	101.66	98.57	4,489
Transportation equipment	38.7	36.6	40.0	2.24	2.30	2.15	86.87	84.17	85.93	2,249
Building and general engineering (m)	41.9	41.4	40.6	1.83	1.83	1.74	76.62	75.63	70.76	5,044
Highways, bridges and street construction	46.9	47.8	48.0	1.50	1.48	1.36	70.46	70.65	65.49	3,294
<b>Quebec</b>										
Metal mining	42.3	42.7	42.2	2.41	2.45	2.27	101.91	104.33	95.98	13,691
Non-metal mining (d)	41.3	42.8	42.3	2.29	2.29	2.21	94.89	97.80	93.75	6,298
Manufacturing	42.3	41.5	42.4	1.88	1.87	1.81	79.60	77.61	76.89	323,403
Food and beverages	42.9	42.6	43.0	1.71	1.72	1.65	73.28	73.27	70.89	28,939
Tobacco	37.0	37.0	37.7	2.36	2.35	2.30	87.50	86.70	86.57	5,285
Rubber products	43.5	41.7	44.0	1.74	1.71	1.63	75.64	71.26	71.69	5,213
Leather products	40.2	39.3	40.7	1.40	1.38	1.32	56.15	53.99	53.93	12,268
Boots and shoes (except rubber)	40.1	39.1	40.8	1.41	1.39	1.33	56.68	54.17	54.33	9,200
Textile products (except clothing)	43.3	41.9	43.6	1.58	1.57	1.51	68.24	65.53	65.82	32,656
Cotton yarn and broad woven goods	41.9	39.2	42.7	1.74	1.71	1.69	72.85	67.03	72.11	10,825
Woollen goods	46.5	46.2	45.2	1.47	1.46	1.41	68.58	67.66	63.61	3,362
Synthetic textiles and silk <sup>1</sup>	43.1	42.2	43.8	1.56	1.56	1.44	67.49	65.89	63.11	9,738
Clothing (textile and fur)	38.5	37.5	39.3	1.38	1.36	1.33	53.13	51.10	52.36	57,032
Men's clothing	38.4	37.2	39.3	1.36	1.35	1.31	52.33	50.06	51.35	17,931
Women's clothing	36.6	35.4	37.3	1.50	1.48	1.46	54.75	52.45	54.49	18,394
Knit goods	43.3	42.9	43.5	1.26	1.25	1.24	54.48	53.52	53.74	9,073
Wood products	46.1	45.6	46.3	1.42	1.41	1.36	65.70	64.37	62.75	23,368
Saw and planing mills	47.4	47.5	47.7	1.33	1.32	1.28	63.12	62.85	60.90	11,656
Furniture	45.0	43.7	44.6	1.57	1.56	1.49	70.77	68.08	66.66	9,420
Paper products	43.3	43.3	43.2	2.38	2.35	2.30	102.88	101.79	99.19	31,095
Pulp and paper mills	43.4	43.6	43.4	2.53	2.49	2.45	109.89	108.75	106.39	23,856
Other paper products (h)	43.0	42.0	42.5	1.86	1.85	1.73	79.77	77.95	73.26	7,239
Printing, publishing and allied industries	40.4	40.0	40.3	2.52	2.49	2.34	101.92	99.51	94.52	10,069
Iron and steel products	44.4	43.9	44.6	2.18	2.15	2.08	96.58	94.48	92.74	30,988
Machinery (i)	44.7	43.7	45.2	2.11	2.09	1.97	94.07	91.44	89.22	6,981
Transportation equipment	41.9	40.0	41.6	2.38	2.36	2.26	99.55	94.56	93.92	22,469
Aircraft and parts	42.8	41.1	43.3	2.43	2.40	2.31	104.03	98.78	100.23	6,778
Railroad and rolling stock equipment	40.8	40.5	38.9	2.41	2.42	2.28	98.43	98.10	88.45	7,258
Shipbuilding and repairing	41.0	37.0	41.4	2.52	2.47	2.39	103.07	91.37	98.81	6,384

Footnotes (a) to (o) appear in explanatory notes at the end of this report.

<sup>1</sup> Includes synthetic filament yarn and staple fibre and spun yarn and fabric manufacturing.

TABLE 2. Average Hours and Earnings of Hourly-Rated Wage-Earners in Specified Industries, Provinces, - Continued

Province and Industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965		
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964			
<b>Quebec - Concluded</b>	number						dollars					
Manufacturing - Concluded:												
Non-ferrous metal products.....	42.4	41.8	42.1	2.38	2.39	2.32	101.18	99.93	97.59	14,384		
Smelting and refining.....	41.1	40.9	41.2	2.68	2.68	2.59	110.16	109.59	106.77	9,097		
Electrical apparatus and supplies.....	42.9	40.7	42.6	2.10	2.05	2.05	90.09	83.51	87.52	16,251		
Chemical products.....	40.8	40.7	40.3	2.21	2.20	2.16	90.11	89.49	86.94	10,755		
Building and general engineering (m).....	41.6	42.2	42.8	2.55	2.55	2.42	106.22	107.45	103.54	52,403		
Building.....	39.8	40.6	40.9	2.56	2.55	2.41	101.78	103.45	98.55	42,692		
General engineering.....	49.5	49.4	51.0	2.54	2.53	2.45	125.72	124.83	125.24	9,711		
Highways, bridges and street construction.....	43.9	44.1	43.8	1.95	1.96	1.81	85.54	86.43	79.18	21,963		
Electric and motor transportation (n).....	46.2	44.3	47.0	2.11	2.09	1.90	97.62	92.67	89.61	13,265		
Service (o).....	39.6	40.0	39.4	1.15	1.15	1.10	45.63	46.13	43.36	20,735		
<b>Ontario</b>	number						dollars					
Metal mining.....	41.0	41.2	40.4	2.48	2.47	2.37	101.60	101.92	95.82	23,949		
Gold (a).....	42.1	41.3	41.5	1.93	1.94	1.83	81.52	80.18	76.14	7,283		
Other metal (b).....	40.6	41.2	39.8	2.72	2.71	2.68	110.37	111.79	106.53	16,666		
Manufacturing.....	41.1	40.8	41.4	2.21	2.21	2.13	90.67	90.21	88.27	490,145		
Food and beverages.....	41.3	41.0	40.4	1.83	1.88	1.73	75.50	77.01	69.86	55,390		
Meat products.....	41.0	40.9	41.5	2.07	2.08	1.98	84.97	85.06	82.18	9,682		
Canned and preserved fruits and vegetables.....	42.2	41.2	38.7	1.53	1.57	1.35	64.69	64.49	52.30	15,896		
Bread and other bakery products.....	41.0	41.7	41.0	1.80	1.81	1.71	73.86	75.46	70.32	5,661		
Butter products.....	41.4	41.3	41.8	2.37	2.36	2.29	98.31	97.57	95.97	12,597		
Leather products.....	40.2	39.6	40.7	1.55	1.54	1.49	62.14	60.94	60.40	11,478		
Boots and shoes (except rubber).....	40.3	39.1	40.6	1.47	1.45	1.41	59.26	56.86	57.18	6,700		
Textile products (except clothing).....	41.0	40.5	41.3	1.76	1.74	1.66	71.90	70.46	68.66	20,540		
Cotton yarn and broad woven goods.....	39.8	38.8	40.8	1.53	1.52	1.46	61.00	58.87	59.79	4,194		
Woollen goods.....	41.6	41.0	41.1	1.51	1.49	1.43	62.77	60.91	58.92	4,745		
Synthetic textiles and silk <sup>1</sup> .....	41.6	41.1	42.0	2.15	2.15	2.10	89.46	88.33	88.45	5,515		
Clothing (textile and fur).....	39.8	39.1	40.2	1.48	1.46	1.39	58.99	57.11	55.96	24,087		
Men's clothing.....	38.9	37.9	39.3	1.50	1.47	1.42	58.37	55.84	55.76	8,777		
Knit goods.....	41.5	41.0	41.8	1.36	1.34	1.28	56.46	54.75	53.67	6,369		
Wood products.....	43.2	42.3	43.2	1.69	1.67	1.61	72.77	70.47	69.44	26,618		
Saw and planing mills.....	43.6	42.6	43.6	1.58	1.57	1.53	68.81	66.86	66.57	10,392		
Furniture.....	43.1	42.4	43.3	1.80	1.76	1.70	77.49	74.70	73.77	12,473		
Paper products.....	41.7	41.8	41.4	2.36	2.34	2.29	98.35	97.68	94.86	32,578		
Pulp and paper mills.....	41.1	41.6	40.9	2.59	2.56	2.52	106.56	106.65	102.78	18,920		
Other paper products (h).....	42.6	42.0	42.2	2.04	2.03	1.96	86.97	85.08	82.68	13,658		
Printing, publishing and allied industries.....	39.0	38.7	39.0	2.65	2.64	2.59	103.45	102.05	100.86	18,555		
Iron and steel products.....	41.5	41.3	41.8	2.52	2.52	2.42	104.63	104.21	101.05	108,219		
Agricultural implements.....	39.6	40.3	41.6	2.64	2.71	2.63	104.40	109.19	109.38	8,337		
Iron castings.....	42.1	42.6	42.2	2.36	2.48	2.31	99.56	105.55	97.44	10,532		
Machinery (i).....	42.1	41.3	42.1	2.38	2.39	2.27	100.24	98.94	95.79	19,820		
Primary iron and steel.....	40.2	40.4	40.5	2.99	2.93	2.81	120.45	118.23	113.74	29,700		
Sheet metal products.....	42.3	42.3	42.4	2.35	2.35	2.24	99.44	99.38	95.17	9,257		
Transportation equipment.....	40.6	40.3	42.9	2.67	2.62	2.57	108.51	105.61	110.12	55,540		
Aircraft and parts.....	40.7	38.6	42.1	2.45	2.44	2.48	99.63	94.42	104.60	3,638		
Motor vehicles.....	39.3	40.7	43.3	2.91	2.93	2.78	114.29	119.09	120.45	20,663		
Motor vehicle parts and accessories.....	41.4	40.9	43.2	2.60	2.44	2.42	107.71	99.71	104.47	23,187		
Railroad and rolling stock equipment.....	41.8	39.0	41.7	2.60	2.54	2.36	108.80	99.32	98.42	4,540		
Non-ferrous metal products.....	40.9	40.6	40.4	2.24	2.23	2.20	91.79	90.41	88.79	21,764		
Brass and copper products.....	40.0	40.1	41.9	2.23	2.22	2.34	89.34	89.14	97.76	2,921		
Smelting and refining.....	40.3	39.8	39.4	2.56	2.54	2.46	103.13	101.36	96.96	8,829		
Electrical apparatus and supplies.....	40.3	40.2	40.6	2.12	2.12	2.06	85.37	85.11	83.61	42,673		
Non-metallic mineral products (i).....	43.0	42.6	43.7	2.25	2.23	2.11	96.86	95.12	92.29	17,614		
Chemical products.....	41.3	40.8	41.2	2.36	2.33	2.28	97.24	95.10	94.08	18,425		
Building and general engineering (n).....	42.3	41.9	42.0	2.83	2.77	2.62	119.63	115.99	109.81	60,203		
Building.....	41.9	41.9	41.6	2.80	2.76	2.61	117.41	115.50	108.75	53,890		
General engineering.....	45.3	41.8	45.9	3.06	2.88	2.65	138.61	120.27	121.48	6,313		
Highways, bridges and street construction.....	47.0	47.2	46.5	2.02	2.01	1.89	95.04	95.11	87.63	25,165		
Electric and motor transportation (n).....	44.0	43.8	45.0	2.24	2.22	2.14	98.38	97.14	96.48	21,094		
Service (o).....	36.5	36.6	37.7	1.30	1.31	1.21	47.25	47.95	45.49	39,189		
Hotels and restaurants.....	36.1	36.1	36.6	1.23	1.24	1.17	44.21	44.85	42.76	26,240		

Footnotes (a) to (o) appear in explanatory notes at the end of this report.

<sup>1</sup> Mainly synthetic filament yarn and staple fibre manufacturing.

TABLE 2. Average Hours and Earnings of Hourly-Rated Wage-Earners in Specified Industries, Provinces - Concluded

Province and industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	
<b>Manitoba</b>		number			dollars					
Manufacturing .....	40.4	40.6	40.5	1.93	1.92	1.81	77.85	77.80	73.38	33,021
Food and beverages .....	38.9	39.6	39.1	2.02	2.03	1.98	78.53	80.53	77.59	6,209
Meat products .....	39.3	39.6	40.5	2.19	2.25	2.15	86.10	89.02	87.13	2,562
Clothing (textile and fur) .....	39.4	39.1	40.2	1.27	1.24	1.19	50.24	48.71	47.78	5,565
Iron and steel products .....	40.8	40.7	40.3	2.05	1.99	1.94	83.47	80.89	78.10	5,168
Transportation equipment .....	41.3	41.7	41.3	2.28	2.27	2.12	94.25	94.83	87.35	6,295
Building and general engineering (m) .....	41.2	39.5	40.2	2.29	2.26	2.14	94.27	89.11	86.10	6,823
Highways, bridges and street construction .....	48.1	45.8	46.2	1.78	1.76	1.75	85.75	80.84	80.85	5,682
Service (o) .....	35.2	35.3	36.4	1.20	1.19	1.16	42.24	42.16	42.24	7,504
<b>Saskatchewan</b>										
Mining .....	39.8	40.8	40.2	2.73	2.75	2.69	108.57	112.12	108.09	3,166
Manufacturing .....	40.1	40.2	39.1	2.11	2.12	2.07	84.62	85.20	80.99	8,094
Meat products .....	37.6	38.0	36.7	2.17	2.28	2.13	81.68	86.55	78.07	1,359
Building and general engineering (m) .....	39.8	41.6	38.8	2.17	2.19	2.01	86.25	91.07	77.82	6,906
Highways, bridges and street construction .....	47.4	47.1	45.1	1.84	1.78	1.80	87.08	83.76	81.32	4,984
Service (o) .....	37.3	36.9	37.4	1.22	1.22	1.18	45.64	45.05	44.11	2,484
<b>Alberta (p)</b>										
Coal mining .....	36.2	39.9	37.4	2.39	2.29	2.31	86.27	91.27	86.51	835
Oil and natural gas production (c) .....	41.6	42.5	38.3	2.75	2.73	2.68	114.49	115.97	102.70	4,927
Manufacturing .....	40.4	40.1	40.5	2.15	2.17	2.08	86.99	86.80	84.07	28,270
Food and beverages .....	39.9	40.1	40.7	2.08	2.12	2.00	83.06	85.02	81.31	7,581
Meat products .....	39.4	40.0	40.9	2.36	2.35	2.28	93.04	94.05	93.19	3,631
Transportation equipment .....	40.6	40.2	40.5	2.17	2.15	2.10	88.20	86.57	85.14	3,833
Non-metallic mineral products (e) .....	41.0	41.1	40.6	2.24	2.26	2.15	92.03	92.88	87.18	2,516
Building and general engineering (m) .....	42.6	43.1	42.3	2.66	2.58	2.35	113.27	111.34	99.41	15,459
Highways, bridges and street construction .....	44.2	44.8	43.5	1.98	2.00	1.94	87.64	89.44	84.59	9,799
Electric and motor transportation (n) .....	42.8	41.5	42.1	2.23	2.22	2.10	95.29	92.03	88.67	3,648
Service (o) .....	36.9	37.2	37.1	1.23	1.21	1.09	45.36	44.88	40.55	11,419
<b>British Columbia (p)</b>										
Forestry (logging) .....	37.4	39.3	35.7	3.25	3.25	3.10	121.75	127.76	110.83	10,491
Metal mining .....	41.4	42.5	39.3	2.86	2.86	2.65	118.29	121.47	103.86	5,069
Manufacturing .....	37.1	37.7	37.2	2.62	2.60	2.47	97.22	98.04	91.80	84,877
Food and beverages .....	33.9	35.8	34.7	2.19	2.23	2.04	74.26	79.88	70.94	12,463
Canned and cured fish .....	31.4	36.4	29.7	2.41	2.43	2.30	75.77	88.71	68.13	3,787
Canned and preserved fruits and vegetables .....	30.4	30.9	33.8	1.49	1.45	1.38	45.33	44.95	46.64	3,306
Wood products .....	36.4	36.5	36.9	2.56	2.53	2.43	93.43	92.57	89.40	33,337
Saw and planing mills .....	36.4	36.4	36.8	2.58	2.55	2.44	93.84	92.95	89.70	31,654
Pulp and paper mills .....	39.2	39.0	37.7	3.21	3.20	3.03	125.53	124.80	114.21	9,552
Iron and steel products .....	38.0	38.4	38.0	2.74	2.72	2.58	104.02	104.40	97.89	7,377
Steel shipbuilding and repairing .....	40.3	41.1	39.1	2.89	2.84	2.67	116.54	116.70	104.50	4,408
Non-ferrous metal products .....	39.3	40.8	39.2	2.82	2.79	2.74	110.98	113.58	107.23	5,109
Building and general engineering (m) .....	39.2	39.7	37.9	3.54	3.46	3.18	138.79	137.54	120.48	16,651
Highways, bridges and street construction .....	39.8	40.0	39.8	2.77	2.75	2.55	110.15	110.26	101.54	7,412
Electric and motor transportation (n) .....	41.2	40.6	41.1	2.66	2.65	2.55	109.47	107.75	104.88	4,153
Service (o) .....	33.7	33.7	36.0	1.59	1.57	1.51	53.63	52.99	54.52	12,388

Footnotes (a) to (p) appear in explanatory notes at the end of this report.

TABLE 3. Average Hours and Earnings of Hourly-Rated Wage-Earners in Specified Industries, Urban Areas

Urban area and industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965	
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964		
							dollars				
										number	
<b>Halifax – Manufacturing</b>	41.4	41.2	40.7	2.10	2.06	2.01	86.92	84.60	81.61	6,887	
<b>Saint John – Manufacturing</b>	41.4	40.2	41.1	1.98	2.00	1.88	82.70	80.61	77.36	4,625	
<b>Quebec – Manufacturing</b>	41.0	39.2	41.1	1.90	1.84	1.81	78.16	72.11	74.22	15,407	
Leather products	38.9	39.3	38.7	1.37	1.37	1.31	53.44	53.74	50.61	1,569	
Clothing (textile and fur)	38.8	37.0	38.3	1.16	1.14	1.14	44.92	42.16	43.75	1,905	
Transportation equipment	38.8	29.7	39.8	2.49	2.33	2.36	96.57	69.22	93.82	2,228	
Building and general engineering (m)	38.6	37.3	39.2	2.36	2.29	2.29	90.91	85.35	89.63	5,217	
<b>Sherbrooke – Manufacturing</b>	44.3	44.1	44.9	1.70	1.68	1.60	75.20	74.32	71.81	7,403	
<b>Three Rivers – Manufacturing</b>	42.4	41.6	42.5	1.92	1.94	1.92	81.63	80.89	81.38	9,758	
<b>Drummondville – Manufacturing</b>	42.0	39.8	43.6	1.70	1.71	1.57	71.40	68.01	68.55	5,428	
<b>Shawinigan – Manufacturing</b>	40.9	41.4	41.6	2.19	2.19	2.12	89.80	90.79	88.22	6,615	
<b>Granby – Manufacturing</b>	42.6	42.3	43.1	1.68	1.67	1.63	71.43	70.52	69.99	5,058	
<b>St. Hyacinthe – Manufacturing</b>	41.3	40.7	44.1	1.47	1.49	1.44	60.82	60.44	63.38	4,352	
<b>Sorel – Manufacturing</b>	40.9	39.9	41.1	2.39	2.33	2.22	97.57	92.96	91.22	4,185	
<b>St. Jean – Manufacturing</b>	42.6	42.7	43.3	1.66	1.65	1.60	70.62	70.70	69.41	5,032	
<b>Montreal – Manufacturing</b>	41.7	40.8	41.8	1.96	1.94	1.88	81.52	79.09	78.43	168,604	
Food and beverages	42.1	41.7	42.0	1.93	1.94	1.88	81.23	80.66	79.11	17,166	
Tobacco and tobacco products	37.3	37.1	37.4	2.36	2.34	2.29	88.09	86.57	85.68	4,119	
Leather products	39.8	38.9	40.3	1.45	1.42	1.38	57.90	55.42	55.54	6,953	
Textile products (except clothing)	42.8	42.1	43.7	1.50	1.50	1.46	64.30	63.31	63.75	7,710	
Clothing (textile and fur)	38.3	37.2	39.1	1.49	1.47	1.43	57.12	54.67	55.88	38,591	
Printing, publishing and allied industries	40.2	39.7	39.7	2.69	2.64	2.49	108.17	104.98	99.06	7,756	
Iron and steel products	44.2	43.7	44.3	2.28	2.26	2.18	101.02	98.71	96.79	20,059	
Transportation equipment	42.0	41.0	41.7	2.43	2.42	2.29	101.79	99.08	95.24	17,037	
Electrical apparatus and supplies	43.3	40.6	42.9	2.17	2.12	2.14	94.14	86.10	91.86	12,854	
Building and general engineering (m)	40.1	41.0	40.2	2.64	2.64	2.47	105.82	107.95	99.44	28,804	
Electric and motor transportation (n)	45.3	42.3	46.3	2.24	2.22	1.97	101.24	94.04	91.37	10,078	
Service (o)	39.3	39.7	38.9	1.18	1.18	1.12	46.35	46.89	43.51	15,936	
<b>Valleyfield (Salaberry-de-) – Manufacturing</b>	43.2	41.5	44.6	1.86	1.81	1.77	80.29	74.88	79.09	3,235	
<b>Cornwall – Manufacturing</b>	41.9	41.4	41.8	2.22	2.24	2.12	93.19	92.92	88.75	4,705	
<b>Ottawa-Hull – Manufacturing</b>	40.2	40.7	40.5	2.27	2.21	2.15	91.32	89.71	87.23	11,327	
Pulp and paper mills	40.3	39.9	40.5	2.69	2.54	2.49	108.33	101.53	100.68	4,042	
Building and general engineering (m)	41.1	40.7	41.8	2.37	2.34	2.19	97.23	95.04	91.58	5,905	
<b>Kingston – Manufacturing</b>	41.3	41.9	41.3	2.29	2.27	2.21	94.75	95.34	91.29	4,944	
<b>Peterborough – Manufacturing</b>	40.8	39.0	41.2	2.51	2.63	2.44	102.60	102.67	100.78	6,330	
<b>Oshawa – Manufacturing</b>	42.8	42.4	41.0	2.81	2.83	2.64	120.26	120.13	108.06	9,405	
<b>Toronto – Manufacturing</b>	41.3	40.6	41.5	2.10	2.10	2.05	86.61	85.45	85.10	147,919	
Food and beverages	40.8	40.2	40.5	2.00	2.01	1.93	81.72	80.86	78.07	18,401	
Rubber products	43.4	42.9	43.3	2.59	2.58	2.49	112.19	110.42	107.73	3,824	
Clothing (textile and fur)	40.2	39.3	40.3	1.56	1.54	1.49	62.86	60.61	59.87	13,909	
Paper products	42.3	41.9	42.0	2.10	2.08	2.01	88.97	87.27	84.61	9,184	
Printing, publishing and allied industries	39.0	38.6	38.9	2.81	2.80	2.76	109.78	107.81	107.49	11,706	
Iron and steel products	42.6	41.8	43.3	2.35	2.35	2.32	100.19	98.36	100.45	25,144	
Transportation equipment	40.6	39.0	41.4	2.35	2.37	2.39	95.35	92.61	98.70	6,049	
Non-ferrous metal products	41.8	41.3	41.9	1.92	1.91	2.03	80.04	78.71	85.16	5,777	
Electrical apparatus and supplies	40.2	39.4	40.6	2.11	2.10	2.03	85.06	82.65	82.55	17,518	
Chemical products	40.8	40.3	40.9	2.10	2.09	2.02	85.51	84.46	82.62	6,555	
Building and general engineering (n)	42.2	42.6	42.1	2.97	2.90	2.75	125.27	123.67	115.83	20,001	
Electric and motor transportation (n)	44.6	43.9	45.0	2.29	2.28	2.21	102.04	99.99	99.51	10,653	
Service (o)	37.8	37.9	39.2	1.36	1.38	1.29	51.54	52.40	50.58	18,830	
<b>Hamilton – Manufacturing</b>	40.0	40.2	40.4	2.55	2.52	2.40	101.99	101.12	97.28	50,304	
Clothing (textile and fur)	38.4	38.9	39.4	1.45	1.39	1.35	55.75	54.10	53.35	1,171	
Iron and steel products	40.1	40.1	40.2	2.85	2.80	2.70	114.13	112.35	108.53	27,568	
Electrical apparatus and supplies	39.6	41.5	39.7	2.55	2.57	2.46	101.03	106.69	97.82	4,330	
Building and general engineering (m)	42.7	42.5	42.5	2.98	2.99	2.79	127.06	126.99	118.47	4,429	

Footnotes (a) to (o) appear in explanatory notes at the end of this report.

TABLE 3. Average Hours and Earnings of Hourly-Rated Wage-Earners in Specified Industries, Urban Areas - Concluded

Urban area and industry	Average weekly hours			Average hourly earnings			Average weekly wages			Wage-earners reported August 1965	
	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964	Aug. 1965	July 1965	Aug. 1964		
										number	
<b>St. Catharines - Manufacturing</b>	40.8	41.3	42.7	2.72	2.60	2.48	111.02	107.51	105.99	26,794	
Pulp and paper mills	41.2	41.7	41.3	2.61	2.55	2.50	107.36	106.29	103.24	3,054	
Iron and steel products	42.7	42.4	43.0	2.72	2.73	2.65	116.15	115.87	113.91	7,481	
Transportation equipment	41.4	41.0	44.7	3.29	2.92	2.86	136.09	119.49	127.70	8,577	
<b>Niagara Falls - Manufacturing</b>	36.9	36.1	38.6	2.25	2.29	2.23	82.79	82.85	86.08	4,521	
<b>Brantford - Manufacturing</b>	40.2	40.6	40.0	2.17	2.23	1.97	86.96	90.59	78.78	9,914	
Textile products (except clothing)	38.4	37.7	36.8	1.97	1.93	1.80	75.68	72.64	66.34	978	
Iron and steel products	39.9	42.0	41.4	2.60	2.63	2.40	103.57	110.32	99.33	4,384	
<b>Guelph - Manufacturing</b>	41.4	40.0	41.4	2.02	2.02	1.89	83.71	80.69	78.31	6,516	
<b>Galt - Manufacturing</b>	41.4	40.8	39.9	1.90	1.90	1.82	78.85	77.42	72.56	8,820	
<b>Kitchener - Manufacturing</b>	41.9	41.7	41.9	1.92	1.92	1.83	80.41	79.93	76.70	18,209	
Food and beverages	41.3	43.1	41.1	2.16	2.22	2.01	89.41	95.50	82.82	3,268	
Rubber products	41.2	40.6	41.2	2.12	2.12	2.09	87.14	85.89	86.01	4,000	
Wood products	43.6	42.6	44.1	1.85	1.84	1.73	80.80	78.53	76.34	1,952	
<b>Woodstock - Manufacturing</b>	40.8	41.9	40.7	2.04	2.04	1.95	83.19	85.33	79.48	3,946	
<b>London - Manufacturing</b>	40.4	40.1	41.0	2.11	2.10	2.03	85.27	84.02	83.11	14,489	
Food and beverages	39.8	39.1	39.6	2.01	2.01	1.96	80.11	78.80	77.74	3,120	
Iron and steel products	41.6	39.8	41.3	2.20	2.16	2.11	91.47	85.86	87.07	2,516	
<b>Sarnia - Manufacturing</b>	40.5	41.2	40.9	2.94	2.93	2.97	118.88	120.92	121.63	5,584	
<b>Windsor - Manufacturing</b>	41.1	39.4	44.5	2.64	2.65	2.57	108.70	104.53	114.45	22,916	
Iron and steel products	42.4	42.4	43.1	2.67	2.73	2.39	113.51	115.70	103.18	4,743	
Transportation equipment	40.0	37.5	45.8	2.77	2.77	2.76	110.78	103.67	126.31	14,044	
Building and general engineering (m)	44.1	44.3	41.0	2.93	2.93	2.68	129.30	129.60	109.64	1,983	
<b>Ft. William-Pt. Arthur - Manufacturing</b>	39.6	40.2	39.9	2.38	2.37	2.33	94.43	95.14	93.04	5,029	
<b>Winnipeg - Manufacturing</b>	40.5	40.5	40.6	1.93	1.92	1.82	78.13	77.79	74.15	28,364	
Food and beverages	39.9	40.2	39.4	2.10	2.11	2.07	83.71	84.97	81.45	5,400	
Meat products	40.4	40.4	40.4	2.30	2.33	2.88	93.10	93.95	92.09	2,276	
Clothing (textile and fur)	39.3	38.9	40.3	1.32	1.29	1.24	51.73	50.23	49.92	4,856	
Transportation equipment	41.3	41.7	41.3	2.28	2.27	2.12	94.25	94.83	87.35	6,295	
Building and general engineering (m)	40.6	38.5	39.7	2.36	2.34	2.19	95.92	90.08	86.96	5,102	
Service (o)	35.0	35.0	36.1	1.22	1.21	1.18	42.68	42.57	42.56	6,702	
<b>Edmonton - Manufacturing</b>	40.3	40.6	40.5	2.13	2.14	2.07	85.97	86.66	83.92	11,943	
Food and beverages	39.8	41.0	41.2	2.22	2.25	2.16	88.63	92.22	89.16	3,248	
Building and general engineering (m)	39.1	38.6	41.1	2.59	2.57	2.39	101.23	99.22	98.05	5,074	
<b>Calgary - Manufacturing</b>	40.3	39.8	40.6	2.31	2.31	2.20	92.89	91.87	89.19	8,711	
<b>Vancouver - Manufacturing</b>	37.2	37.4	37.0	2.55	2.54	2.42	94.72	94.98	89.51	40,214	
Food and beverages	34.2	36.1	34.9	2.28	2.35	2.24	78.12	85.03	78.15	7,121	
Wood products	37.4	36.5	36.5	2.65	2.60	2.51	99.05	95.11	91.51	13,690	
Iron and steel products	38.0	38.5	38.1	2.75	2.73	2.59	104.42	105.06	98.65	6,832	
Transportation equipment	39.3	39.8	38.5	2.81	2.75	2.61	110.30	109.19	100.52	2,867	
Building and general engineering (m)	37.2	37.6	36.4	3.37	3.35	3.20	125.32	126.07	116.47	7,205	
Electric and motor transportation (n)	39.5	39.5	40.8	2.71	2.67	2.57	107.10	105.56	104.76	2,326	
Service (o)	33.3	33.4	34.1	1.64	1.61	1.53	54.58	53.85	52.14	7,840	
<b>Victoria - Manufacturing</b>	38.2	39.5	38.0	2.74	2.71	2.54	104.75	107.20	96.47	5,333	

Footnotes (a) to (o) appear in explanatory notes at the end of this report.

TABLE 4. Average Hours and Earnings of Hourly-Rated Wage-Earners, Manufacturing, Canada

Year and month	All manufactures			Durable goods			Non-durable goods		
	Average weekly hours	Average hourly earnings	Average weekly wages	Average weekly hours	Average hourly earnings	Average weekly wages	Average weekly hours	Average hourly earnings	Average weekly wages
	number	dollars	number	dollars	number	dollars	number	dollars	
1945 .....	44.1	0.69	30.47	44.5	0.76	34.04	43.7	0.61	26.57
1946 .....	42.7	0.71	30.15	42.8	0.77	33.00	41.8	0.64	26.92
1947 .....	42.5	0.81	34.47	42.8	0.88	37.71	42.3	0.74	31.39
1948 .....	42.3	0.92	38.96	42.5	0.99	42.24	42.1	0.85	35.70
1949 .....	42.2	0.99	41.74	42.4	1.07	45.28	42.0	0.91	38.18
1950 .....	42.3	1.04	44.03	42.4	1.13	47.74	42.3	0.96	40.57
1951 .....	41.7	1.18	49.29	41.9	1.27	53.38	41.5	1.08	45.03
1952 .....	41.5	1.30	53.83	41.6	1.41	58.49	41.3	1.18	48.65
1953 .....	41.3	1.36	56.25	41.7	1.48	61.55	40.9	1.23	50.51
1954 .....	40.7	1.41	57.43	40.9	1.52	62.13	40.4	1.30	52.36
1955 .....	41.0	1.45	59.45	41.2	1.56	64.35	40.8	1.33	54.30
1956 .....	41.0	1.52	62.40	41.1	1.64	67.45	40.7	1.39	56.74
1957 .....	40.4	1.61	64.96	40.5	1.73	70.15	40.2	1.47	59.17
1958 .....	40.2	1.66	66.77	40.3	1.80	72.42	40.1	1.53	61.31
1959 .....	40.7	1.72	70.16	41.0	1.87	76.66	40.4	1.58	63.90
1960 .....	40.4	1.78	71.96	40.7	1.94	78.70	40.1	1.64	65.67
1961 .....	40.6	1.83	74.27	40.9	1.99	81.36	40.3	1.68	67.87
1962 .....	40.7	1.88	76.55	41.2	2.04	84.02	40.2	1.73	69.55
1963 .....	40.8	1.95	79.40	41.3	2.11	87.25	40.3	1.79	71.90
1964 .....	41.0	2.02	82.90	41.6	2.19	91.08	40.5	1.85	74.91
1962 - January .....	40.6	1.86	75.46	40.8	2.02	82.40	40.4	1.71	69.05
February .....	40.8	1.86	75.99	41.1	2.03	83.30	40.4	1.71	69.21
March .....	41.0	1.87	76.68	41.4	2.03	83.92	40.7	1.72	69.86
April(1) .....	40.6	1.89	76.50	41.1	2.04	83.86	40.1	1.73	69.44
May .....	41.0	1.89	77.51	41.7	2.04	85.12	40.5	1.74	70.20
June .....	41.1	1.88	77.52	41.7	2.04	84.91	40.6	1.73	70.48
July .....	41.0	1.87	76.72	41.4	2.02	83.85	40.5	1.73	70.18
August .....	41.0	1.86	76.17	41.4	2.03	83.87	40.7	1.70	69.28
September .....	41.4	1.88	77.61	42.0	2.05	85.92	40.8	1.72	70.00
October .....	41.3	1.89	77.96	41.9	2.05	85.95	40.8	1.73	70.50
November .....	41.2	1.90	78.09	41.9	2.06	86.47	40.5	1.73	70.20
December(1) .....	37.3	1.94	72.34	37.9	2.08	78.62	36.8	1.80	66.24
1963 - January .....	40.7	1.92	78.26	41.2	2.09	86.01	40.2	1.76	70.78
February .....	40.7	1.93	78.45	41.2	2.09	85.90	40.3	1.77	71.24
March .....	40.9	1.93	79.01	41.3	2.10	86.43	40.6	1.77	71.83
April .....	41.0	1.95	80.05	41.6	2.12	88.12	40.4	1.79	72.18
May .....	41.2	1.95	80.25	41.7	2.11	88.19	40.6	1.79	72.50
June .....	40.9	1.94	79.64	41.4	2.11	87.30	40.5	1.79	72.29
July .....	40.7	1.93	78.38	41.2	2.08	85.86	40.2	1.78	71.59
August .....	40.9	1.93	78.82	41.3	2.10	86.48	40.6	1.77	71.83
September .....	41.3	1.94	80.29	41.8	2.12	88.71	40.8	1.78	72.44
October .....	41.4	1.96	80.93	41.8	2.13	88.96	40.9	1.79	73.26
November .....	41.5	1.98	81.91	42.2	2.15	90.87	40.7	1.80	73.31
December(1) .....	38.0	2.02	76.53	38.8	2.16	83.87	37.2	1.87	69.31
1964 - January .....	41.2	1.99	81.99	41.7	2.16	90.10	40.6	1.82	74.04
February .....	41.2	1.99	82.03	41.7	2.16	89.84	40.8	1.82	74.34
March(1) .....	40.7	2.01	81.84	41.2	2.17	89.26	40.3	1.85	74.49
April .....	41.1	2.01	82.75	41.7	2.17	90.69	40.6	1.85	74.86
May .....	41.4	2.02	83.55	42.1	2.18	91.95	40.8	1.84	75.23
June .....	41.2	2.02	83.22	41.9	2.19	91.58	40.6	1.85	74.99
July .....	40.9	2.00	82.05	41.3	2.18	89.94	40.6	1.84	74.71
August .....	41.3	2.02	83.31	41.9	2.21	92.39	40.7	1.84	74.73
September .....	41.7	2.03	84.77	42.3	2.23	94.16	41.1	1.84	75.75
October .....	41.6	2.03	84.35	42.2	2.20	92.93	41.0	1.86	76.13
November .....	41.2	2.04	84.04	41.7	2.21	92.04	40.8	1.86	76.04
December(1) .....	38.8	2.08	80.65	39.3	2.23	87.77	38.2	1.92	73.36
1965 - January .....	41.0	2.08	85.34	41.5	2.26	93.89	40.4	1.89	76.45
February .....	40.6	2.08	84.48	41.0	2.26	92.57	40.2	1.89	76.16
March .....	41.3	2.11	87.07	42.2	2.29	96.75	40.4	1.90	76.89
April .....	41.1	2.11	86.96	42.0	2.30	96.45	40.2	1.92	77.03
May .....	41.1	2.11	86.63	41.7	2.29	95.52	40.3	1.92	77.35
June .....	41.2	2.11	86.89	42.0	2.28	95.90	40.5	1.92	77.51
July .....	40.8	2.09	85.36	41.2	2.27	93.33	40.4	1.92	77.40
August .....	41.1	2.10	86.10	41.6	2.28	94.71	40.7	1.91	77.83
September .....									
October .....									
November .....									
December .....									

(1) The averages at these dates were affected by loss of working time at the year-end holidays in the case of December, and by the Easter holidays in the case of April 1962 and March 1964. Monthly statistics are based on data for the last pay periods of reporting establishments in each month.















TABLE 7. Index Numbers of Average Hourly Earnings in Manufacturing, Canada, 1950-65  
(1949=100)

Last week in	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Manufacturing																
January .....	102.0	111.6	128.5	135.7	142.0	144.3	148.9	159.2	166.1	172.4	178.9	183.3	187.9	194.4	201.4	210.7
February .....	102.5	112.6	129.2	135.9	142.2	145.1	150.2	159.4	167.1	172.6	178.9	183.6	188.6	194.7	201.1	210.3
March .....	102.8	114.1	130.4	136.4	142.6	145.9	152.2	160.5	167.6	174.0	179.6	184.7	189.1	195.3	203.0	213.0
April .....	103.6	115.4	130.8	137.0	143.4	147.0	152.8	161.8	168.2	174.1	180.6	185.8	190.6	197.4	203.3	213.8
May .....	104.6	117.2	131.1	137.4	143.8	147.1	153.6	162.5	169.1	174.6	180.7	185.9	190.9	197.2	203.8	213.3
June .....	105.1	119.7	130.0	137.7	143.2	146.6	154.4	162.8	168.4	174.3	180.6	184.9	190.5	196.6	204.2	213.0
July .....	105.4	120.4	130.3	137.5	142.5	146.7	154.1	162.2	167.7	173.2	179.3	184.1	189.4	194.7	202.7	211.6
August .....	105.6	121.9	130.9	137.2	141.0	145.4	153.8	161.3	165.8	171.8	178.3	183.8	187.8	194.8	204.0	211.8
September .....	106.5	123.3	131.3	138.1	141.2	146.4	155.0	162.3	166.2	174.4	179.1	183.5	189.7	196.7	205.7	
October .....	107.6	124.9	132.5	138.9	142.1	147.0	156.4	164.7	167.3	175.6	180.4	185.7	190.8	197.9	205.0	
November .....	109.0	125.9	133.6	139.9	142.8	147.7	157.2	165.3	169.2	175.7	181.2	186.0	191.8	199.7	206.2	
December .....	110.2	128.5	135.5	142.0	144.4	149.1	159.8	167.6	172.9	179.6	184.5	189.9	195.9	203.7	210.1	
Average ...	105.4	119.6	131.2	137.8	142.6	146.5	154.0	162.5	168.0	174.4	180.2	185.1	190.2	197.0	204.2	
Durable goods																
January .....	102.5	111.4	128.7	136.4	141.8	144.0	148.9	159.6	166.8	173.6	180.3	184.6	189.0	195.6	202.3	211.8
February .....	102.8	112.3	129.6	137.0	141.9	145.1	150.4	159.5	167.4	173.2	180.3	185.2	189.7	195.4	201.9	211.3
March .....	103.0	113.9	130.7	137.4	142.0	145.9	151.9	160.3	168.0	174.6	180.6	185.9	189.9	196.2	202.9	214.9
April .....	103.6	115.1	130.6	137.4	142.6	146.7	152.5	161.0	168.3	174.4	181.3	186.4	191.0	198.3	203.6	214.9
May .....	104.3	115.9	130.7	137.4	142.4	146.3	152.2	160.8	168.8	174.4	180.5	186.5	191.3	197.9	204.5	214.3
June .....	104.7	118.9	129.5	137.6	141.9	145.8	153.0	161.4	168.1	174.5	180.4	186.2	190.8	197.2	204.9	214.0
July .....	105.3	120.0	130.5	137.7	141.9	145.7	153.2	161.8	167.9	173.8	179.4	185.6	189.5	195.0	203.8	212.2
August .....	105.7	121.7	132.2	137.9	141.3	146.0	153.9	162.1	166.9	173.7	180.3	185.9	189.9	196.3	206.6	213.4
September .....	107.0	123.7	132.8	139.0	141.9	146.7	155.6	163.0	167.6	176.0	181.5	186.0	191.6	198.5	208.3	
October .....	107.9	124.8	133.5	139.3	141.9	147.0	156.6	165.4	167.6	177.0	181.9	187.5	192.1	199.2	206.1	
November .....	109.0	126.0	134.5	140.0	142.8	147.4	157.5	166.0	169.5	176.6	182.8	187.5	193.3	201.5	206.9	
December .....	109.6	127.7	135.3	140.5	143.3	147.6	158.5	166.8	172.4	179.6	184.5	189.4	194.3	202.3	208.9	
Average ...	105.4	119.3	131.6	138.1	142.1	146.2	153.7	162.3	168.3	175.1	181.1	186.4	191.0	197.8	205.1	
Non-durable goods																
January .....	101.9	111.3	127.3	132.9	140.7	144.3	148.4	157.6	165.3	171.6	177.3	183.7	187.9	193.5	200.4	208.3
February .....	102.4	112.5	127.6	132.8	141.0	144.3	148.7	158.0	166.8	172.4	177.7	183.7	188.3	194.4	200.6	208.4
March .....	103.0	113.8	128.6	133.4	141.9	145.0	150.8	159.4	167.3	173.5	178.7	185.1	189.0	194.8	203.3	209.1
April .....	103.7	115.1	129.6	134.6	142.9	146.2	151.3	161.2	168.0	173.6	179.9	186.6	190.6	196.4	203.0	210.8
May .....	105.1	117.9	130.2	135.4	144.6	147.2	153.6	163.5	169.0	174.6	181.1	186.5	190.9	196.5	202.9	210.9
June .....	105.3	120.0	129.7	135.9	143.9	147.0	154.7	163.6	169.0	174.0	181.3	185.0	190.8	196.5	203.4	210.7
July .....	105.4	120.4	129.3	135.8	142.9	147.2	154.0	162.0	168.1	173.5	180.9	184.5	190.6	195.7	202.6	210.8
August .....	105.5	121.7	128.5	135.3	141.2	144.8	153.2	160.5	166.1	171.6	178.2	183.5	187.1	194.8	202.0	210.7
September .....	105.9	122.3	128.7	136.1	140.9	145.8	153.6	161.5	166.1	173.2	178.8	182.9	188.7	195.5	202.9	
October .....	107.3	124.3	130.2	137.3	142.6	146.9	155.0	163.5	168.3	174.6	180.6	185.3	190.1	197.0	204.2	
November .....	108.9	124.9	131.2	138.7	143.0	147.6	155.7	163.7	169.7	175.7	181.5	185.8	190.6	197.9	205.1	
December .....	110.6	128.5	134.0	142.0	145.5	150.2	160.0	167.9	174.0	180.0	185.9	191.2	197.9	205.2	210.9	
Average ...	105.4	119.4	129.6	135.8	142.6	146.4	153.2	161.9	168.1	174.0	180.2	185.3	190.2	196.5	203.4	

TABLE 8. Index Numbers of Average Hourly Earnings in the Heavy Electrical Machinery and Equipment Industry. (1949=100)

Month	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
January .....	144.4	158.2	165.0	167.8	173.3	177.3	182.8	185.8	189.2	197.8
February .....	146.1	157.7	165.1	167.3	175.0	177.5	182.1	185.4	190.7	197.3
March .....	146.8	158.0	164.9	170.1	175.3	178.1	183.0	186.1	190.9	199.2
April .....	148.7	157.5	165.6	170.6	177.0	179.6	182.9	187.1	193.7	200.4
May .....	150.4	159.4	165.1	171.9	176.4	179.0	184.2	188.8	194.2	201.0
June .....	151.2	160.7	165.9	172.0	177.9	179.6	185.2	188.6	195.5	201.3
July .....	152.1	162.3	167.8	173.5	178.8	179.2	184.4	188.2	198.4	202.1
August .....	151.2	160.1	164.5	170.5	177.7	178.9	184.6	188.4	197.2	200.9
September .....	153.5	161.5	166.1	171.9	178.1	179.9	186.4	191.8	198.0	
October .....	155.5	162.6	165.6	171.6	176.4	179.7	184.6	191.6	197.5	
November .....	154.2	162.9	165.7	171.6	176.9	182.4	184.6	191.2	196.2	
December .....	156.1	163.8	168.2	172.1	176.4	181.2	182.5	190.1	198.5	

TABLE 9. Average Weekly Wages in Manufacturing in Current Dollars and Adjusted for Changes in the Consumer Price Index

Year and month	Weekly wages in current dollars	Index numbers of weekly wages in current dollars (1949=100)	Weekly wages in 1949 dollars	Index numbers of weekly wages in 1949 dollars
1945 .....	30.47	73.0	40.63	97.3
1946 .....	30.15	72.2	38.70	92.7
1947 .....	34.47	82.6	40.08	96.0
1948 .....	38.96	93.3	39.96	95.7
1949 .....	41.74	100.0	41.74	100.0
1950 .....	44.03	105.5	42.54	101.9
1951 .....	49.29	118.1	43.01	103.0
1952 .....	53.83	129.0	46.33	111.0
1953 .....	56.25	134.8	48.70	116.7
1954 .....	57.43	137.6	49.42	118.4
1955 .....	59.45	142.4	51.07	122.4
1956 .....	62.40	149.5	52.70	126.3
1957 .....	64.96	155.6	53.20	127.4
1958 .....	66.77	160.0	53.30	127.7
1959 .....	70.16	168.1	55.42	132.8
1960 .....	71.96	172.4	56.14	134.5
1961 .....	74.27	177.9	57.47	137.7
1962 .....	76.55	183.4	58.47	140.1
1963 .....	79.40	190.2	59.61	142.8
1964 .....	82.90	198.6	61.14	146.5
1964 - January .....	81.99	196.4	60.96	146.0
February .....	82.03	196.5	60.94	146.0
March .....	81.84	196.1	60.62	145.2
April .....	82.75	198.3	61.30	146.9
May .....	83.55	200.2	61.75	147.9
June .....	83.22	199.4	61.10	146.4
July .....	82.05	196.6	60.29	144.4
August .....	83.31	199.6	61.44	147.2
September .....	84.77	203.1	62.51	149.8
October .....	84.35	202.1	62.07	148.7
November .....	84.04	201.3	61.43	147.2
December .....	80.65	193.2	58.91	141.1
1965 - January .....	85.34	204.5	62.20	149.0
February .....	84.48	202.4	61.53	147.4
March .....	87.07	208.6	63.23	151.5
April .....	86.96	208.3	63.01	151.0
May .....	86.63	207.5	62.32	149.3
June .....	86.89	208.2	62.29	149.2
July .....	85.36	204.5	61.23	146.7
August .....	86.10	206.3	61.90	148.3

Notes: 1. The current weekly wages relate to the last pay periods in the month, while the Consumer Price Index relates to the beginning of the month. The current average of weekly wages for any month is therefore adjusted in the above table by the Consumer Price Index for the following month, as more representative of the period in which the wages were spent. A statement of uses and limitations of the adjusted figures appears on page ii.

2. For Consumer Price Index statistics, construction methods and component details, see monthly report "Prices and Price Indexes".

## NOTES

**General.**—The monthly statistics of average hours, average hourly earnings and average weekly wages, like those of employment, payrolls and average weekly wages and salaries, are based on data from establishments usually employing 15 persons and over. The latest monthly figures are subject to revision.

**Coverage.**—Firms are asked to furnish information for the male and female wage-earners for whom they keep records of hours worked, so that the statistics relate, in the main, to hourly-rated wage-earners, or production workers, employed full time and part time. Casual workers are also included, provided that they work at least one day in the reported pay period. Data for salaried personnel are purposely excluded. In many cases, information is not available for certain classes of wage-earners, whose earnings, like those of most salaried employees, are not directly dependent on the number of hours worked; examples of wage-earners frequently excluded are route-drivers, piece-workers in many but not all establishments, truck men, etc. Numerous employers do not keep records of man-hours for any classes of employees. The number of workers for whom information is given in the present report is therefore smaller than the total number of workers (wage-earners and salaried employees) for whom statistics of employment, payrolls, average earnings, sex distribution, etc., are given in the monthly reports on employment and payrolls. These also include figures for certain industries not represented in the present report because relatively few of the wage-earners therein are paid on an hourly basis with the result that man-hour records are lacking. Such industries include public utility operation, trade, finance, insurance and real estate and some branches of transportation, storage and communication and service.

In manufacturing, the data relate to over 70 p.c. of all employees on the staffs of the firms co-operating in the monthly surveys of employment and payrolls; in 1956 the wage-earners for whom information on man-hours was obtained formed some 83 p.c. of the total number of hourly-rated and other wage-earners reported by practically all manufacturing establishments to the Annual Census of Manufactures. In mining and construction, data on man-hours and hourly earnings are provided for approximately 75 p.c. and 69 p.c. of the total employees of firms co-operating in the monthly surveys of employment and payrolls in those industries, respectively; in 1956, the monthly statistics were based on approximately 93 p.c. of the total number of wage-earners reported in the annual survey of the Mineral Statistics Section of the Industry and Merchandising Division.

**Man-hours.**—The man-hours statistics include hours worked by full-time and part-time wage-earners, including overtime hours actually worked; premium or penalty hours credited for purpose of computing overtime payment are not included. Hours

credited to wage-earners absent on leave with pay in the reported pay periods are included in the statistics as though the hours had been worked. The averages are obtained by dividing the aggregate hours reported for the week by the number of full-time and part-time wage-earners working such hours.

**Wages.**—The questionnaire calls for a statement of gross wages earned by the full-time and part-time wage-earners whose hours are reported, before deductions are made for taxes, unemployment insurance contributions, etc. Payments for overtime work, incentive or production and cost-of-living bonuses paid at regular intervals, and amounts credited to wage-earners on leave with pay in the reported pay periods are included. The value of board and lodging, which in some cases is part of the remuneration of workers, is not included. Bonuses paid at infrequent intervals and employers' contributions to welfare funds such as workmen's compensation, unemployment insurance, pension and medical plans and certain other employee benefits are also excluded.

So far as is possible the revised figures of average hourly and weekly earnings incorporate retroactive pay for one month as well as corrections in the material originally tabulated and data received too late for inclusion in the first tabulation; for the most part, such adjustments are not carried back for more than one month.

**Pay Periods.**—Statistics of man-hours and wages reported for periods exceeding one week in duration are reduced by the appropriate proportions to obtain the number of hours and the wages for one week in the stated pay period. Such data are combined with weekly figures furnished by employers whose records are maintained on a weekly basis, so that, in all cases, the tabulated statistics represent the situation in one week in each month.

**Variations in Trends** of average earnings result from many factors, such as changes in wage rates, in amounts of overtime work, short-time work, shift differentials, incentive or production bonuses and in the area, occupational and sex distributions of the reported working forces. Differences in industrial distributions, with related occupational and sex distributions, are the principal factors contributing to differences in the levels of earnings in particular areas.

**Urban Area Statistics.**—Statistics given in the present report for communities listed as "metropolitan areas" and "other major urban areas" in Tables 8 and 9 of the 1956 Census Volume 1 (Population) and in the same tables in Bulletin 1-6, cover the census areas, except those for St. Catharines, which also include establishments in Port Colborne and Welland. Statistics given for urban areas not listed in the above mentioned tables cover establishments in the incorporated cities and towns named but also include Iberville with St. Jean, Nitro with Valleyfield, and Preston with Galt.

**Measuring the Purchasing Power of Earnings.** — Changing consumer price levels affect the amounts of goods and services which a dollar will buy, and average earnings, of course, will be affected in the same way. An earnings measurement which takes the change of consumer prices into account, can be calculated by reducing actual earnings averages by the percentage amounts consumer price levels rise, or increasing them by the amount price levels fall. The adjusted averages may be used to indicate the comparative quantities of goods and services which could be purchased by average earnings if consumer price levels and consumption patterns had remained constant. The following illustration shows how this kind of an adjustment can be made.

Suppose that a series of weekly average wages rises from \$50.00 in week A to \$60.00 in week B, and that in the same interval a consumer price index advances from 100.0 to 110.0. Because of the 10 per cent rise in consumer prices, \$1.00 will not buy as much in week B as it would in week A. Likewise, a 20 per cent rise from \$50.00 to \$60.00 will overstate the increase which has occurred in the purchasing power of average weekly wages. This overstatement can be removed by reducing the figure of \$60.00 by the amount of the consumer price increase. The adjusted average is \$54.55 ( $60.00/110.0 \times 100.0$ ), which may be referred to as a weekly wage average for week B expressed in the dollars of period A, or it may be said to indicate the level of real weekly wages relative to week A.

The foregoing calculation can be carried a step further to express in index number form the relationship between the week A average of \$50.00 and the week B figure of \$54.55. Taking the week A average of \$50.00 as equal to 100.0, the week B index becomes 109.0 ( $54.55/50.00 \times 100.0$ ). Such an index may be called an index of weekly real wages. It indicates that average wages for week B will buy 9 per cent more goods and services than those received in week A, in spite of a 10 per cent rise in consumer prices. This 9 per cent increase in real wages compares with the rise of 20 per cent in money wages ( $60.00/50.00 \times 100.0$ ).

It should be noted that while the estimates of average real wages may reflect the experiences of

broad groups of workers fairly well, their applicability to individual wage-earners depends upon a number of considerations. For example, individual earnings will differ significantly from the group average, depending upon occupation, industry, geographical location, or sex of the wage-earner. Moreover, individual spending habits differ widely, but the consumer price index which is used to adjust the earnings data refers only to the average consumption pattern of a particular income group. Group-spending patterns change over periods of time. To the extent that this occurs, the earnings data adjusted by the consumer price index (which has a "fixed" consumption pattern), will gradually be rendered less valid. Finally, some part of income may be saved, and it should be borne in mind that it is not appropriate to reduce savings to a constant dollar basis by using a price index which reflects consumption patterns.

It should also be kept in mind that measures of change in real earnings calculated from averages of gross earnings may differ from changes in the purchasing power of "take-home" pay, due to such factors as changes in personal income tax, pay deductions for such things as social insurance and pension plans. Thus index numbers of real wages should not be interpreted as measuring fluctuations in the levels of consumption of wage-earners or wage-earners' families; they are intended to show only the trend in purchasing power of wages over the items covered by the price index, and in addition to the factors already mentioned, do not take into account other family income (including family allowances) or changes in the savings position of families.

In Table 9, 1949 figures are used as reference levels for indexes of both actual and real wages, since this is the year selected by the Dominion Bureau of Statistics for general post-war index number comparisons. However, the adjustment made in the foregoing illustration can be applied to any reference level, and it should not be inferred that the 1949 reference period has any special validity for earnings comparisons. Percentage change between any two periods will be the same regardless of the reference period selected.

## FOOTNOTES

The following footnotes explain the content of various industrial classes listed in the detailed tables in this bulletin. In some industries, the group breakdown is less extensive than in the Standard

Industrial Classification; in these cases, figures for certain categories not shown are contained in the group totals.

- (a) Alluvial gold and auriferous quartz mining.
- (b) Copper-gold-silver; nickel-copper; silver-cobalt; silver-lead-zinc and miscellaneous metal mining.
- (c) Oil and natural gas; oil shale and bituminous sand; contract drilling and prospecting for oil.
- (d) Non-metal mining and quarrying; clay and sand pits.
- (e) Tires, tubes and other rubber products.
- (f) Leather gloves and mittens; leather tanneries and miscellaneous leather products.
- (g) Miscellaneous wood products.
- (h) Paper boxes and bags; roofing papers; miscellaneous paper products.
- (i) Household, office and store machinery; machine tools; machinery, n.e.s.
- (j) Machine tools; machinery, n.e.s.
- (k) Jewellery and silverware; white metal alloys; miscellaneous non-ferrous metal products.
- (l) Abrasives; asbestos; hydraulic cement; clay; glass; lime and gypsum; stone; concrete and miscellaneous non-metallic mineral products.
- (m) Building includes buildings and structures, special trade contractors. General engineering includes other construction, other than highways, bridges and streets.
- (n) Interurban bus and coach and urban and suburban transportation systems; taxi-cab and truck transportation; services incidental to transportation; other transportation.
- (o) Hotels and restaurants; laundries; dyeing, cleaning and pressing plants, and recreational services.
- (p) The Northwest Territories, with the exception of Baffin Island, are included in Alberta. Baffin Island is included in Quebec. The Yukon Territory is included in British Columbia.
- (..) Figures not available.

MANHOURS AND HOURLY EARNINGS - ALIG 1965