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## MAN-HOURS AND HOURLY EARNINGS

WITH AVERAGE WEEKLY WAGES

DECEMBER 1965

### NOTE TO USERS

Commencing with the January 1966 publication, indexes will be revised to a 1961=100 time base and employment and payroll data to the 1960 Standard Industrial Classification.

Refer to Catalogue No. 72-504 for historical data and further information on these revisions.

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Following are other publications of the Labour Division based upon establishment data in the field of industrial employment, earnings and hours:

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(index numbers of employment and averages of weekly wage and salary statistics for Canada (major industrial divisions) and the provinces (industrial composite figures))

**72-002 - Employment and Payrolls** - Monthly - Price \$3.00 per year

(industry and area index numbers of employment and payrolls and averages of weekly wage and salary statistics; comparisons with earlier periods; charts and explanatory material)

**72-003 - Man-Hours and Hourly Earnings** - Monthly - Price \$3.00 per year

(industry and area averages of hours per week, hourly and weekly wages, with comparisons from a month and a year earlier, and certain historical comparisons; charts and explanatory material)

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(industry and area averages of hours per week, hourly and weekly wages, monthly and annually, from 1945; charts and explanatory material)

**72-203 - Earnings and Hours of Work in Manufacturing** - Annual - Preliminary Report - Price 25 cents

(separate figures of earnings and hours for men and women and for wage-earners and salaried employees in one week in autumn for major manufacturing industries, Canada, and manufacturing in provinces and larger metropolitan areas)

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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)

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(estimates of total numbers of employees, monthly and annually, for major industrial divisions, Canada and provinces; contains a review of concepts, sources and methods and indicators of sampling variability)

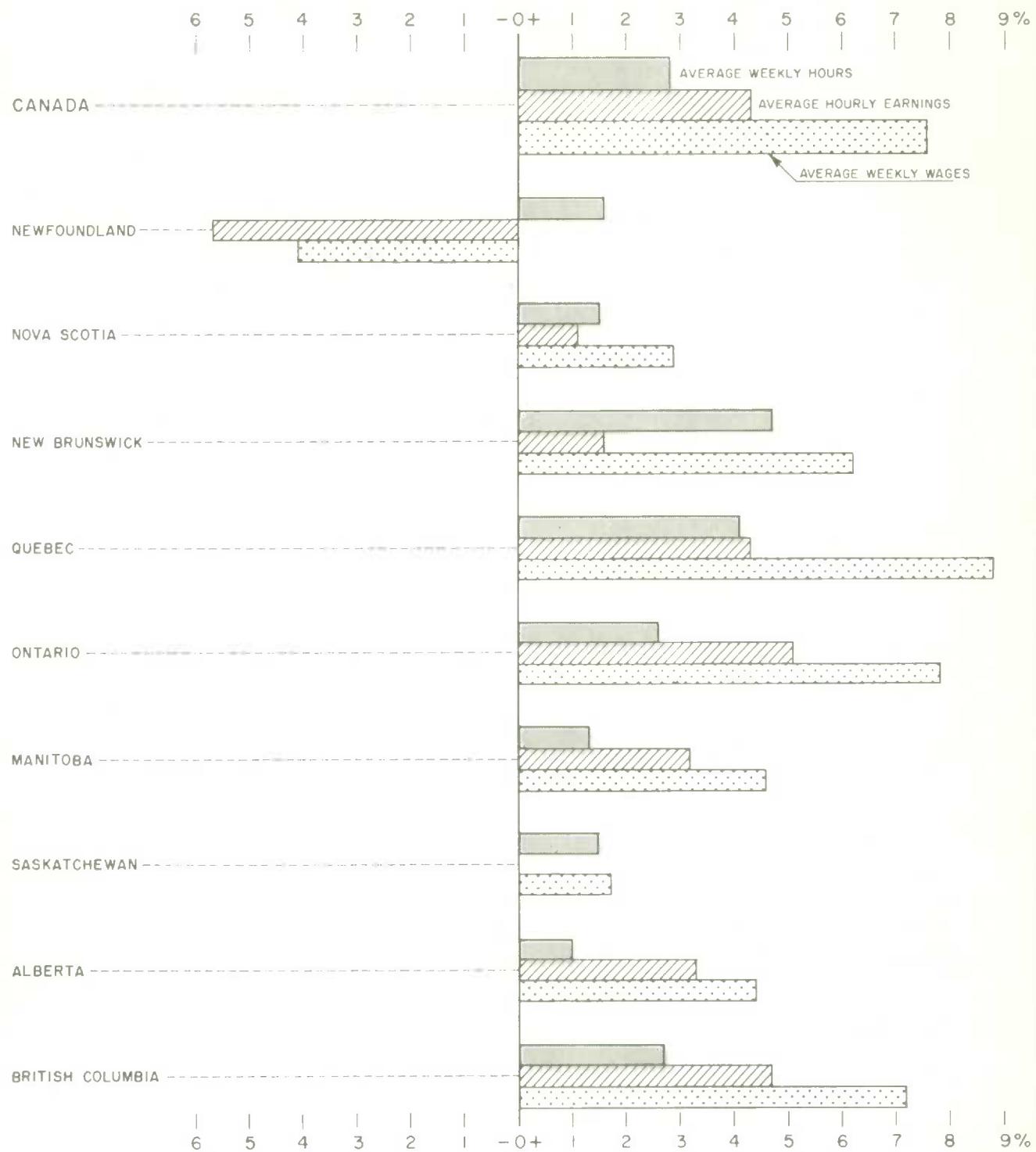
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PERCENTAGE CHANGES IN AVERAGE WEEKLY HOURS, AVERAGE HOURLY EARNINGS  
AND AVERAGE WEEKLY WAGES OF HOURLY-RATED WAGE EARNERS  
IN MANUFACTURING - CANADA AND PROVINCES

DECEMBER 1964 - DECEMBER 1965



## MAN-HOURS AND HOURLY EARNINGS - DECEMBER 1965

In December, average hourly earnings in manufacturing were \$2.17, a gain of one cent from November and of 9 cents from December, 1964. Average weekly wages at \$86.70 were \$2.96 lower than last month and \$6.05 higher than in December, 1964. Average weekly hours at 39.9 were 1.6 hours shorter than in November and 1.1 hours longer than last December. The number of wage-earners reported dropped 2.4 per cent from last month.

In durable goods manufacturing average weekly hours declined 1.8 hours from November and hourly earnings were down 2 cents. All the component durables industry groups reported lower hours while there were offsetting changes in hourly earnings with declines in iron and steel products and transportation equipment predominating. In non-durables, average weekly hours fell 1.5 hours and hourly earnings rose 4 cents. Only petroleum and coal recorded longer hours this month. Most industries reported higher average hourly earnings. Decreased employment in clothing where wages are below-average also tended to increase the non-durables hourly earning figure.

In mining, average hours declined 1.2 hours this month and average hourly earnings rose 2 cents. The changes reflected similar movements in most components, although hourly earnings in metal mining remained unchanged. Average hours in construction fell 5.4 hours and hourly earnings dropped one cent. The lower earnings figure mainly resulted from a decline in general engineering.

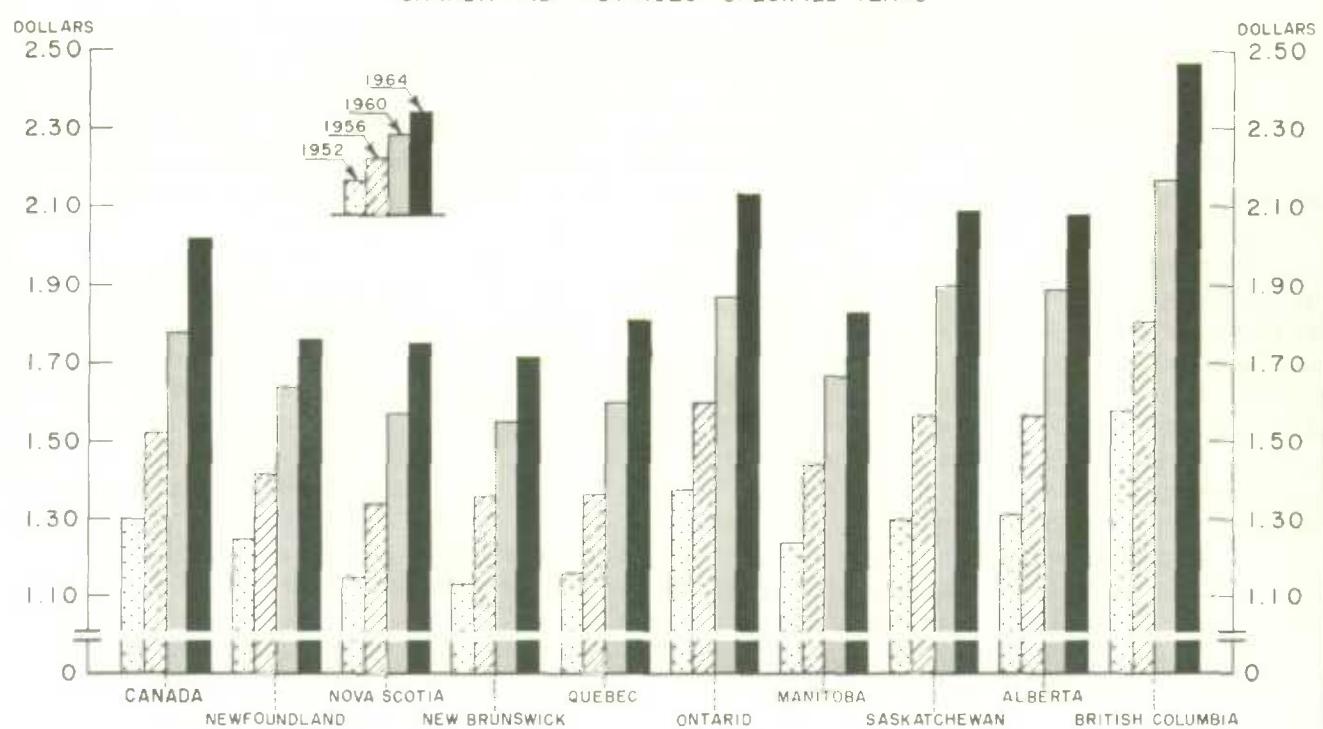
Variations in data from November to December are related to the year-end holidays. The normal pattern is a decrease in average weekly hours. Many factors account for the prevalence of short-time: absenteeism is generally higher, some firms give unpaid holidays, some firms use the last week of the month for taking inventory and some firms, especially in construction, shut down during the holiday week. The lower average hours depresses average weekly wages each December.

The degree to which average weekly hours decline in December is related to the day of the week on which Christmas falls. The decline is greatest when Christmas falls toward the middle of the week and least when it falls on a week-end. One reason for this is the tendency to combine the Christmas and week-end holidays. Another reason for a smaller drop when Christmas falls on a Saturday, as it did this month, is that the survey asks respondents to report data for the pay period which ends closest to the last day of the month. Consequently, many firms working a 5-day week report a weekly payroll for December 27th - 31st, dates which minimize the effect of the holiday.

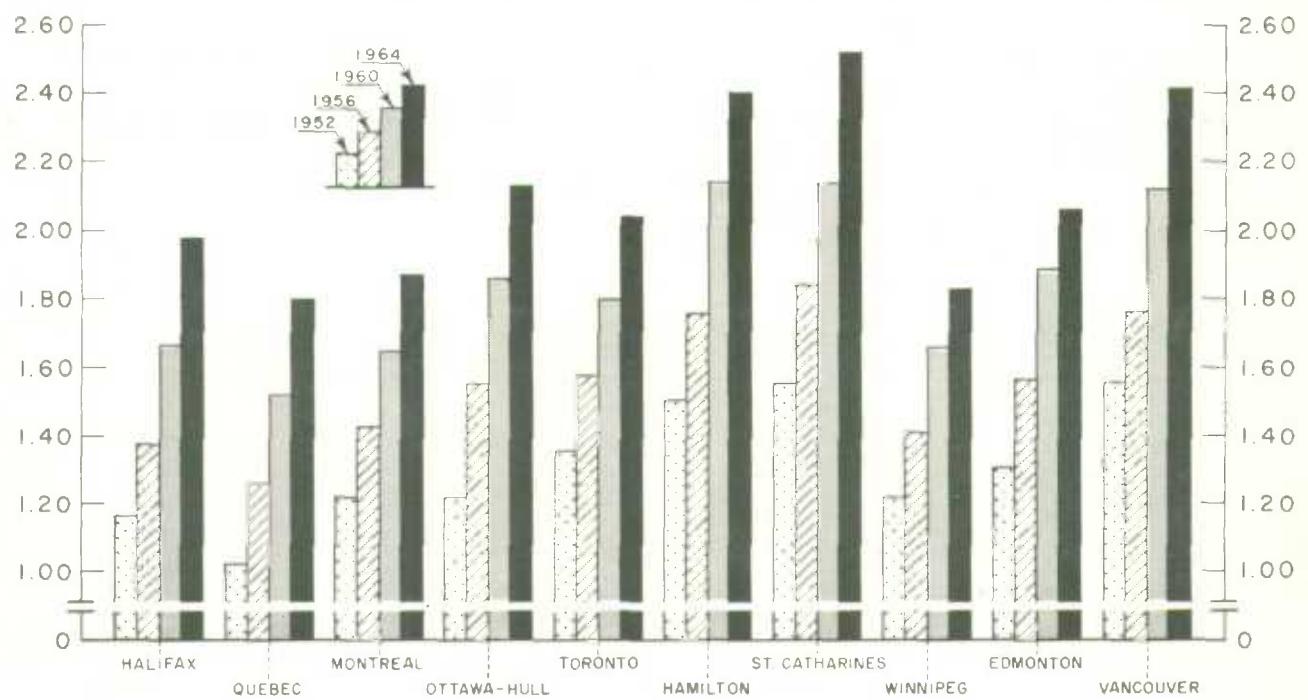
### PERCENTAGE DECLINE IN AVERAGE WEEKLY HOURS, NOVEMBER TO DECEMBER

Year and day of Christmas	All Manu- facturing	Durable Goods	Non- Durab- le Goods	Mining	Con- struc- tion
					per cent
1961 Monday .....	5.6	4.8	6.6	6.3	15.0
1962 Tuesday .....	9.5	9.6	9.1	8.1	18.7
1963 Wednesday .....	8.4	8.1	8.6	5.6	19.6
1964 Friday .....	5.8	5.8	6.4	7.2	18.6
1965 Saturday .....	3.9	4.3	3.7	2.8	12.9

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



Manufacturing - Provinces

Atlantic Region. Average weekly hours fell and average hourly earnings rose this month in the three larger Atlantic provinces. The change in Newfoundland arose largely in fish products. In Nova Scotia the main causes were movements in ship-building and wood products. An offsetting influence in both Nova Scotia and New Brunswick was increased average hours in fish products. New Brunswick was the only province this month to report higher average weekly wages, mainly as a consequence of the longer hours worked in food and beverages.

Quebec. In Quebec average weekly hours fell 2.0 hours and average hourly earnings rose one cent. Of the larger industries only smelting and refining, railroad rolling stock, pulp and paper mills and tobacco reported longer hours this month. Most industries reported higher hourly earnings although there were declines in a number of durable goods industries, especially in transportation equipment.

Ontario. Average weekly hours dropped 1.6 hours this month in Ontario. Pulp and paper mills was the only larger industry which did not contribute to the decline. Average hourly earnings remained unchanged despite the fact that most industries reported decreases or remained unchanged. Mainly responsible were a decline in employment and higher earnings in fruit and vegetable processing where wages are below average and an increase in employment in transportation equipment where rates are above average.

Prairie Region. In all three prairie provinces average weekly hours fell this month with the smallest decline in Saskatchewan where longer hours were worked in meat products. Average hourly earnings rose in Manitoba (2 cents) and Saskatchewan (2 cents) and remained unchanged in Alberta. The increase in Manitoba resulted in part from an increased proportion of the total manufacturing hours this month which were worked in the comparatively highly-paid transportation equipment industry. Having a similar influence in Saskatchewan and Alberta was the greater proportion of total hours which were worked by relatively highly paid meat products employees.

British Columbia. In British Columbia average weekly hours fell 0.7 hours from November and hourly earnings rose 1 cent.. Most larger industries contributed to these movements although earnings declined slightly in saw and planing mills and in iron and steel.

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 December 1965		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964			
	number						dollars					
<b>Mining</b>	41.9	43.1	39.9	2.51	2.49	2.37	104.95	107.51	94.59	78,691		
Metal mining	41.5	42.7	41.4	2.58	2.58	2.42	107.06	110.09	100.30	51,525		
Gold (a)	42.1	43.0	42.1	2.08	2.08	1.92	87.72	89.25	80.88	10,321		
Other metal (b)	41.3	42.6	41.2	2.71	2.70	2.58	111.90	115.25	106.25	41,204		
Copper-gold-silver	40.9	41.3	39.9	2.57	2.50	2.34	105.06	103.21	93.29	9,082		
Iron	44.0	45.8	45.2	2.89	2.91	2.82	127.02	133.62	127.64	8,395		
Uranium	38.0	40.3	40.2	3.27	3.15	3.14	124.29	126.90	126.55	1,586		
Fuels	42.1	43.3	34.5	2.42	2.39	2.32	101.83	103.50	79.95	15,570		
Coal	42.5	44.2	31.0	1.99	1.99	1.94	84.67	87.80	60.14	8,288		
Oil and natural gas (c)	41.6	42.2	39.6	2.92	2.91	2.75	121.36	122.68	109.13	7,282		
Non-metal (d)	43.6	44.8	40.0	2.29	2.27	2.19	99.77	101.49	87.49	11,596		
Asbestos	45.2	44.6	41.6	2.47	2.49	2.40	111.38	111.05	99.84	5,325		
<b>Manufacturing</b>	39.9	41.5	38.8	2.17	2.16	2.08	86.70	89.66	80.65	1,011,314		
Durable goods	40.4	42.2	39.3	2.33	2.35	2.23	94.27	98.93	87.77	525,464		
Non-durable goods	39.3	40.8	38.2	2.00	1.96	1.92	78.51	79.89	73.36	485,850		
Food and beverages	40.1	40.8	38.9	1.92	1.87	1.84	77.06	76.04	71.38	103,045		
Meat products	41.2	41.4	40.1	2.14	2.12	2.05	88.27	87.79	82.35	23,573		
Canned and cured fish	33.1	36.0	28.7	1.34	1.30	1.26	44.42	46.83	36.22	7,229		
Canned and preserved fruits and vegetables	37.7	39.8	35.8	1.68	1.53	1.53	63.41	60.74	54.66	9,878		
Grain mill products	42.4	41.8	40.0	2.08	2.06	1.96	87.94	85.98	78.52	5,596		
Bread and other bakery products	40.9	41.0	40.6	1.84	1.82	1.76	75.15	74.59	71.60	13,034		
Biscuits and crackers	36.0	39.0	34.4	1.70	1.68	1.63	61.44	65.68	56.03	4,629		
Distilled liquors	42.4	42.8	40.6	2.51	2.49	2.41	106.58	106.68	97.71	2,870		
Malt liquors	39.7	39.9	40.4	2.68	2.68	2.60	106.25	107.08	105.28	5,714		
Confectionery	39.3	40.6	38.2	1.53	1.51	1.45	60.09	61.51	55.54	8,043		
Tobacco and tobacco products	37.7	38.4	35.2	2.18	2.14	2.11	82.35	82.09	74.08	8,538		
Rubber products	41.5	42.1	39.4	2.26	2.23	2.12	93.53	93.93	83.50	17,882		
Rubber footwear	38.5	39.8	35.9	1.65	1.64	1.58	63.55	65.33	56.68	4,208		
Other rubber products (e)	42.4	43.0	40.5	2.43	2.43	2.28	102.76	104.48	92.18	13,674		
Leather products	38.0	40.4	35.9	1.50	1.49	1.42	56.95	60.12	51.02	24,507		
Boots and shoes (except rubber)	38.0	40.1	35.3	1.46	1.46	1.38	55.47	58.41	48.76	18,253		
Other leather products (f)	37.9	41.0	37.0	1.58	1.55	1.50	59.86	63.41	55.45	8,254		
Textile products (except clothing)	40.7	42.6	39.0	1.66	1.66	1.59	67.34	70.83	62.23	55,614		
Cotton yarn and broad woven goods	40.9	42.7	38.3	1.68	1.70	1.63	68.76	72.46	62.49	15,825		
Woollen goods	41.4	43.4	39.4	1.50	1.51	1.44	61.97	65.59	56.61	8,249		
Synthetic textiles and silk	41.0	42.0	39.9	1.81	1.80	1.73	74.32	75.61	68.81	15,306		
Filament yarn and staple fibres	40.4	40.3	40.5	2.17	2.16	2.06	87.44	87.15	83.50	7,164		
Spun yarn and fabrics	41.6	43.5	39.3	1.51	1.51	1.42	62.78	65.48	56.02	8,142		
Clothing (textile and fur)	35.2	38.4	34.4	1.41	1.40	1.34	49.47	53.73	45.96	88,810		
Men's clothing	35.7	38.1	34.8	1.39	1.40	1.32	49.65	53.25	45.87	31,444		
Women's clothing	32.4	35.8	31.2	1.51	1.47	1.43	48.88	52.78	44.70	23,905		
Knit goods	37.8	42.3	37.9	1.33	1.32	1.26	50.37	56.08	47.93	16,666		
*Wood products	39.9	41.7	37.9	1.93	1.92	1.83	76.89	80.19	69.54	87,969		
Saw and planing mills	39.3	40.7	37.1	2.07	2.05	1.98	81.31	83.53	73.41	55,453		
Plywood and veneer mills	38.7	40.2	36.9	2.09	2.08	1.97	80.93	83.48	72.53	12,158		
Sash, door and planing mills	41.4	43.8	38.9	1.68	1.68	1.58	69.50	73.59	61.59	11,037		
Sawmills	38.8	39.7	36.5	2.20	2.19	2.15	85.49	87.00	78.37	32,258		
Furniture	41.1	43.9	39.6	1.72	1.74	1.63	70.83	76.27	64.44	24,852		
Other wood products (g)	40.0	42.4	38.6	1.62	1.63	1.52	64.62	69.16	58.80	7,664		
Paper products	41.7	42.2	40.7	2.54	2.54	2.45	106.23	107.02	99.57	83,265		
Pulp and paper mills	42.6	42.3	41.8	2.76	2.76	2.66	117.74	116.79	110.89	59,026		
Other paper products (h)	39.6	42.1	37.9	1.98	1.99	1.86	78.22	83.94	70.47	24,239		
Paper boxes and bags	39.2	42.5	37.4	1.97	2.00	1.85	77.26	84.85	69.14	14,649		
Printing, publishing and allied industries	37.9	39.4	37.6	2.60	2.62	2.49	98.56	103.50	93.52	35,559		

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 December 1965
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	
	number			dollars						number
<b>Manufacturing - Concluded:</b>										
*Iron and steel products	40.3	42.1	39.1	2.43	2.45	2.31	97.99	103.04	90.33	164,014
Agricultural implements	40.2	40.7	36.3	2.62	2.61	2.40	105.24	106.12	87.08	10,442
Boilers and plate work	39.1	44.5	38.4	2.29	2.35	2.17	89.51	104.75	83.10	5,613
Fabricated and structural steel	39.2	42.1	39.6	2.30	2.36	2.24	90.21	99.32	88.75	10,182
Hardware and tools	41.1	43.2	40.6	2.07	2.09	1.95	85.01	90.07	79.20	11,957
Heating and cooking appliances	39.6	41.4	38.2	2.06	2.11	1.97	81.41	87.39	75.22	6,343
Iron castings	40.9	43.0	38.3	2.37	2.40	2.24	96.84	103.23	85.91	19,574
Machinery (i)	40.9	43.1	40.1	2.33	2.35	2.30	95.36	101.35	87.96	30,215
Household, office and store	40.4	41.6	39.9	2.35	2.35	2.21	95.07	97.49	88.24	5,776
Industrial (i)	41.0	43.5	40.1	2.33	2.35	2.19	95.43	102.28	87.89	24,439
Primary iron and steel	40.5	40.6	39.8	2.85	2.86	2.70	115.52	116.20	107.69	37,626
Sheet metal products	39.5	41.5	37.9	2.28	2.30	2.17	90.16	95.52	82.38	14,791
Wire and wire products	39.3	41.7	38.6	2.27	2.30	2.22	89.22	95.96	85.84	9,395
*Transportation equipment	40.8	42.5	40.2	2.57	2.62	2.44	104.80	111.24	98.18	130,066
Aircraft and parts	40.2	42.7	39.7	2.49	2.54	2.33	99.89	108.58	92.23	18,348
Motor vehicles	42.1	44.2	42.0	2.82	2.89	2.66	118.76	128.03	111.49	38,341
Motor vehicle parts and accessories	41.3	43.0	40.5	2.54	2.57	2.50	105.01	110.37	101.47	29,316
Railroad and rolling stock equipment	40.0	39.8	40.2	2.40	2.44	2.28	95.95	97.26	91.77	21,591
Shipbuilding and repairing	38.7	41.1	36.8	2.48	2.50	2.35	95.84	102.77	86.54	19,016
*Non-ferrous metal products	41.0	41.9	40.5	2.41	2.40	2.40	98.73	100.45	97.37	45,739
Aluminum products	41.1	42.9	39.8	2.12	2.15	2.05	87.11	92.38	81.68	5,598
Brass and copper products	40.1	42.3	40.0	2.28	2.29	2.20	91.36	96.97	88.11	7,374
Smelting and refining	41.4	41.2	41.3	2.70	2.69	2.72	111.65	110.86	112.25	24,435
Other non-ferrous metal products (k)	40.8	42.8	38.9	1.84	1.84	1.72	75.15	78.91	67.07	8,332
*Electrical apparatus and supplies	39.7	41.4	38.6	2.13	2.15	2.04	84.71	88.96	78.80	63,803
Heavy electrical machinery and equipment <sup>1</sup>	40.3	42.3	40.1	2.36	2.37	2.30	95.30	100.17	92.34	14,063
Telecommunication equipment	39.1	40.6	38.1	1.92	1.92	1.81	74.91	77.85	69.14	15,366
Batteries	41.5	42.4	39.8	2.09	2.08	1.99	86.71	88.16	79.21	1,608
Refrigerators, vacuum cleaners and appliances	39.8	39.2	34.9	2.28	2.24	2.14	90.62	87.79	74.69	7,928
Wire and cable	40.5	44.4	39.9	2.32	2.40	2.26	94.12	106.56	90.30	5,818
Miscellaneous electrical products	39.3	41.5	39.0	2.01	2.04	1.92	79.02	84.85	74.75	18,802
*Non-metallic mineral products (l)	41.6	44.2	40.3	2.23	2.22	2.11	92.88	98.35	85.10	33,873
Clay products	42.1	42.4	39.8	2.01	2.00	1.91	84.76	85.01	75.97	4,267
Glass and glass products	41.4	42.0	41.3	2.25	2.22	2.10	93.13	93.11	86.83	9,237
Products of petroleum and coal	43.1	42.0	42.5	2.91	2.98	2.92	125.50	125.17	124.02	5,828
Petroleum refining and products	43.1	41.9	42.6	2.95	3.02	2.95	126.94	126.67	125.49	5,554
Chemical products	40.9	41.3	40.6	2.36	2.32	2.29	96.55	95.84	92.80	32,625
Medicinal and pharmaceutical preparations	39.6	40.0	39.4	1.82	1.83	1.77	72.20	73.22	69.67	3,567
Acids, alkalis and salts	40.6	42.1	41.0	2.79	2.73	2.65	113.54	114.85	108.76	6,600
Fertilizers	41.4	41.9	41.1	2.47	2.46	2.36	102.10	102.95	96.88	2,493
Paints and varnishes	41.2	41.5	40.7	2.12	2.14	2.07	87.36	88.94	84.27	2,594
Miscellaneous manufacturing industries	39.3	41.6	38.7	1.73	1.70	1.68	68.23	70.61	65.19	30,134
Professional and scientific equipment	40.0	41.2	39.5	1.98	1.97	1.96	79.20	81.12	77.27	8,298
<b>Construction</b>	36.4	41.8	33.7	2.54	2.55	2.29	92.54	106.60	77.27	210,495
Building and general engineering (m)	35.4	41.6	32.1	2.76	2.77	2.51	97.48	115.30	80.65	151,339
Building	34.7	40.6	31.4	2.76	2.76	2.54	95.76	112.03	79.56	127,939
General engineering	39.0	46.5	36.6	2.74	2.84	2.40	106.89	132.14	87.70	23,400
Highways, bridges and streets	38.9	42.3	37.1	2.05	2.04	1.89	79.89	86.11	70.05	59,156
<b>Electric and motor transportation (n)</b>	43.4	44.6	43.3	2.22	2.22	2.12	96.33	98.93	91.64	47,453
<b>Service (o)</b>	36.1	36.2	36.1	1.34	1.34	1.24	48.52	48.57	44.80	105,953
Hotels and restaurants	35.6	35.6	35.7	1.27	1.26	1.20	45.11	44.86	42.92	66,208
Laundries and dry cleaning plants	38.3	39.0	38.9	1.25	1.26	1.17	47.91	48.93	45.67	15,143

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

\*Durable manufactured goods industries.

<sup>t</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 December 1965
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	
	number			dollars						
<b>Newfoundland</b>										
Mining .....	46.2	47.8	47.7	2.44	2.46	2.37	112.77	117.44	112.97	4,680
Manufacturing .....	37.7	40.4	37.1	1.99	1.87	2.11	75.14	75.42	78.35	7,429
Food and beverages .....	33.0	37.7	29.0	1.23	1.16	1.20	40.60	43.85	34.76	2,795
Canned and cured fish .....	29.5	36.3	24.9	1.08	1.04	1.01	31.76	37.65	25.23	2,151
Pulp and paper mills .....	41.2	41.2	44.7	2.82	2.82	2.99	116.16	116.16	133.30	2,488
Building and general engineering (m) .....	40.6	48.2	32.6	1.79	1.78	1.80	72.59	85.75	58.70	4,160
<b>Nova Scotia</b>										
Coal mining .....	43.1	44.9	27.2	1.92	1.92	1.84	82.67	86.31	50.08	6,054
Manufacturing .....	39.5	40.8	38.9	1.85	1.84	1.83	73.09	74.91	71.04	23,197
Food and beverages .....	38.6	40.0	39.0	1.34	1.27	1.24	51.79	50.97	48.39	5,406
Canned and cured fish .....	38.4	37.7	36.1	1.33	1.30	1.25	50.99	49.07	45.11	2,854
Wood products .....	38.8	42.3	38.8	1.19	1.19	1.11	46.10	50.26	42.87	1,460
Iron and steel products .....	40.8	41.5	40.1	2.35	2.41	2.32	95.91	99.94	92.94	4,669
Primary iron and steel .....	41.3	41.2	40.3	2.54	2.59	2.47	104.64	106.73	99.65	3,282
Transportation equipment .....	39.5	40.4	39.4	2.11	2.11	2.05	83.23	85.02	80.99	6,263
Shipbuilding and repairing .....	40.2	40.4	38.7	2.12	2.10	2.08	85.42	84.92	80.37	4,120
Building and general engineering (m) .....	34.4	39.3	29.2	1.94	1.95	1.86	66.88	76.87	54.25	4,862
Highways, bridges and street construction .....	37.8	43.0	37.8	1.53	1.58	1.50	57.73	67.98	56.78	2,370
<b>New Brunswick</b>										
Manufacturing .....	40.3	41.2	38.5	1.91	1.85	1.88	77.08	76.30	72.56	15,931
Food and beverages .....	41.3	40.2	36.4	1.40	1.36	1.39	58.02	54.63	50.62	3,173
Saw and planing mills .....	41.4	43.9	38.8	1.29	1.29	1.23	53.54	56.57	47.87	1,932
Pulp and paper mills .....	41.2	41.0	41.5	2.58	2.58	2.66	106.49	105.67	110.37	4,341
Transportation equipment .....	36.3	40.4	36.3	2.30	2.29	2.19	83.55	92.55	79.55	2,339
Building and general engineering (m) .....	35.5	41.9	31.8	1.91	1.95	1.89	67.96	81.81	60.22	3,604
Highways, bridges and street construction .....	42.5	44.8	43.2	1.50	1.54	1.45	63.53	68.87	62.85	2,428
<b>Quebec</b>										
Metal mining .....	42.4	43.6	41.4	2.44	2.41	2.30	103.52	105.25	95.37	12,939
Non-metal mining (d) .....	44.4	44.6	41.0	2.37	2.36	2.27	105.13	105.23	93.27	5,908
Manufacturing .....	40.3	42.3	38.8	1.94	1.93	1.86	78.20	81.55	72.20	315,060
Food and beverages .....	42.4	43.3	40.9	1.80	1.77	1.75	76.59	76.86	71.69	25,364
Tobacco .....	37.5	37.3	37.6	2.41	2.44	2.32	90.33	91.00	87.09	5,217
Rubber products .....	40.6	42.0	40.6	1.74	1.74	1.69	70.48	72.94	68.68	4,396
Leather products .....	37.4	40.4	34.6	1.42	1.41	1.34	53.33	57.18	46.46	12,110
Boots and shoes (except rubber) .....	38.0	40.4	34.2	1.43	1.42	1.35	54.24	57.39	46.23	9,096
Textile products (except clothing) .....	41.9	43.6	39.4	1.60	1.60	1.54	66.85	69.80	60.51	32,217
Cotton yarn and broad woven goods .....	41.7	43.2	38.7	1.75	1.76	1.70	72.79	76.29	65.86	10,912
Woollen goods .....	45.1	46.8	42.1	1.49	1.49	1.44	67.05	69.83	60.49	3,322
Synthetic textiles and silk <sup>1</sup> .....	41.3	42.2	38.7	1.59	1.58	1.50	65.65	66.76	57.95	9,527
Clothing (textile and fur) .....	34.5	37.9	33.8	1.40	1.39	1.34	48.40	52.52	45.25	54,590
Men's clothing .....	35.5	38.0	34.7	1.39	1.39	1.33	49.22	52.82	46.06	17,201
Women's clothing .....	31.0	34.8	30.3	1.51	1.47	1.45	47.02	51.03	44.00	17,258
Knit goods .....	38.1	43.6	38.3	1.33	1.30	1.25	50.51	56.75	47.95	8,951
Wood products .....	43.8	46.3	41.3	1.46	1.46	1.38	63.98	67.77	57.15	21,055
Saw and planing mills .....	45.2	47.3	42.0	1.37	1.36	1.31	62.13	64.15	54.86	9,743
Furniture .....	42.3	45.6	40.3	1.58	1.60	1.51	66.85	72.97	60.78	9,068
Paper products .....	43.7	43.8	41.4	2.48	2.47	2.36	108.49	108.27	97.87	29,941
Pulp and paper mills .....	44.9	44.1	42.6	2.67	2.67	2.54	119.88	117.82	108.42	22,560
Other paper products (h) .....	39.9	43.0	37.6	1.84	1.86	1.71	73.68	79.78	64.28	7,381
Printing, publishing and allied industries .....	37.9	39.9	37.1	2.53	2.56	2.41	96.11	102.35	89.51	10,353
Iron and steel products .....	41.2	44.4	39.9	2.15	2.18	2.05	88.82	96.61	81.88	31,028
Machinery (i) .....	40.9	44.5	40.8	2.12	2.14	1.96	86.89	95.26	79.99	6,973
Transportation equipment .....	40.6	42.4	39.4	2.36	2.42	2.25	95.54	102.51	88.85	25,007
Aircraft and parts .....	40.5	44.4	39.4	2.42	2.48	2.28	98.02	110.02	89.62	7,312
Railroad and rolling stock equipment .....	40.7	38.9	41.1	2.42	2.49	2.33	98.47	96.98	95.86	7,515
Shipbuilding and repairing .....	38.6	43.0	35.9	2.50	2.57	2.37	96.68	110.46	84.85	6,687

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 December 1965	
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964		
number						dollars					
<b>Quebec - Concluded</b>											
Manufacturing - Concluded:											
Non-ferrous metal products.....	41.8	42.7	40.8	2.44	2.41	2.36	101.88	102.95	96.45	14,622	
Smelting and refining.....	41.9	41.5	41.6	2.74	2.73	2.63	114.69	113.45	109.53	9,361	
Electrical apparatus and supplies.....	40.2	43.0	38.9	2.12	2.17	2.00	85.39	93.17	77.72	16,668	
Chemical products.....	41.2	41.0	40.7	2.24	2.22	2.17	92.11	91.02	88.47	10,677	
Building and general engineering (m).....	37.9	42.4	32.8	2.62	2.63	2.41	99.28	111.62	79.25	46,185	
Building.....	35.5	40.7	30.7	2.65	2.65	2.43	93.95	107.83	74.46	37,857	
General engineering.....	48.6	50.9	43.5	2.54	2.55	2.36	123.49	129.91	102.97	8,328	
Highways, bridges and street construction.....	37.7	41.2	36.1	2.08	2.06	1.80	78.38	84.87	64.90	16,655	
Electric and motor transportation (n).....	45.7	47.6	45.3	2.16	2.17	1.93	98.61	103.31	87.39	13,675	
Service (o).....	40.2	39.8	39.0	1.17	1.17	1.13	47.12	46.56	44.05	22,283	
<b>Ontario</b>											
Metal mining.....	40.6	41.5	40.8	2.56	2.56	2.39	103.83	106.40	97.41	23,640	
Gold (a).....	41.6	42.2	42.3	2.03	2.03	1.88	84.48	85.56	79.72	6,855	
Other metal (b).....	40.2	41.3	40.0	2.78	2.78	2.67	111.74	114.84	106.82	16,785	
Manufacturing.....	40.1	41.7	39.1	2.28	2.28	2.17	91.66	95.09	85.04	504,867	
Food and beverages.....	40.0	40.7	39.2	1.99	1.93	1.87	79.65	78.68	73.21	43,152	
Meat products.....	40.4	41.2	40.7	2.13	2.11	2.01	86.24	86.99	81.77	9,156	
Canned and preserved fruits and vegetables.....	37.8	38.7	35.2	1.89	1.69	1.68	71.44	65.30	59.30	5,966	
Bread and other bakery products.....	41.4	41.2	40.4	1.84	1.83	1.75	76.02	75.21	70.91	5,548	
Rubber products.....	41.7	42.1	38.8	2.42	2.42	2.29	100.97	101.86	88.75	13,096	
Leather products.....	38.6	40.6	37.1	1.59	1.58	1.50	61.23	63.98	55.84	11,283	
Boots and shoes (except rubber).....	38.1	39.9	36.7	1.51	1.51	1.42	57.44	60.41	52.28	6,561	
Textile products (except clothing).....	38.8	41.3	38.8	1.77	1.78	1.71	68.94	73.46	66.15	21,283	
Cotton yarn and broad woven goods.....	38.7	41.2	38.2	1.57	1.57	1.50	60.60	64.89	57.23	4,192	
Woollen goods.....	39.2	41.3	37.8	1.52	1.54	1.45	59.48	63.54	54.81	4,543	
Synthetic textiles and silk <sup>1</sup> .....	40.2	41.5	41.8	2.19	2.18	2.14	87.95	90.32	89.32	5,554	
Clothing (textile and fur).....	36.3	39.5	35.4	1.48	1.48	1.40	53.71	58.53	49.58	23,865	
Men's clothing.....	35.1	38.7	34.4	1.52	1.53	1.45	53.26	59.02	49.80	8,515	
Knit goods.....	37.7	41.5	38.3	1.38	1.39	1.30	52.13	57.53	50.00	6,159	
Wood products.....	40.9	43.1	39.6	1.73	1.74	1.62	70.69	74.92	64.09	25,542	
Saw and planing mills.....	41.8	43.2	40.6	1.64	1.63	1.54	68.34	70.57	62.64	8,990	
Furniture.....	41.2	43.6	39.7	1.81	1.83	1.68	74.61	79.57	66.72	12,606	
Paper products.....	41.0	41.7	40.1	2.43	2.43	2.33	99.73	101.38	93.47	31,302	
Pulp and paper mills.....	42.1	41.4	41.6	2.71	2.73	2.59	114.33	112.86	107.53	17,972	
Other paper products (h).....	39.4	42.1	38.0	2.03	2.05	1.92	80.06	86.43	73.06	13,330	
Printing, publishing and allied industries.....	38.0	39.4	37.8	2.66	2.69	2.54	100.92	105.80	96.07	19,132	
Iron and steel products.....	40.4	41.9	39.0	2.53	2.54	2.39	102.23	106.58	93.20	109,551	
Agricultural implements.....	40.4	40.5	35.7	2.79	2.79	2.55	112.65	112.95	90.89	8,600	
Iron castings.....	40.9	42.4	38.2	2.46	2.48	2.31	100.82	105.23	88.40	12,039	
Machinery (i).....	41.4	43.0	40.1	2.40	2.42	2.27	99.18	104.13	91.09	20,401	
Primary iron and steel.....	40.5	40.4	39.5	2.95	2.96	2.78	119.64	119.52	110.07	28,407	
Sheet metal products.....	39.7	42.0	38.6	2.28	2.32	2.18	90.48	97.55	84.11	8,867	
Transportation equipment.....	41.4	43.3	41.0	2.70	2.76	2.57	111.99	119.58	105.26	79,413	
Aircraft and parts.....	40.0	41.8	39.6	2.61	2.66	2.43	104.59	111.23	96.40	8,940	
Motor vehicles.....	42.3	44.5	42.3	2.90	2.98	2.69	122.67	132.66	113.87	34,672	
Motor vehicle parts and accessories.....	41.4	43.1	40.6	2.58	2.60	2.54	106.84	112.21	103.16	27,581	
Railroad and rolling stock equipment.....	38.7	40.5	38.4	2.54	2.60	2.37	98.30	105.29	91.06	4,497	
Non-ferrous metal products.....	40.4	41.6	39.8	2.29	2.30	2.33	92.37	95.64	92.93	23,452	
Brass and copper products.....	40.0	41.7	41.1	2.43	2.45	2.34	97.01	102.42	96.24	4,161	
Smelting and refining.....	40.4	40.8	40.2	2.57	2.57	2.77	103.95	104.95	111.13	8,887	
Electrical apparatus and supplies.....	39.5	41.0	38.5	2.16	2.16	2.07	85.25	88.34	79.76	44,242	
Non-metallic mineral products (l).....	41.4	43.5	40.1	2.29	2.30	2.17	94.74	99.93	86.94	16,874	
Chemical products.....	40.6	41.4	40.3	2.41	2.35	2.32	97.68	97.28	93.44	18,259	
Building and general engineering (m).....	34.9	41.7	32.0	2.98	3.01	2.71	104.12	125.53	86.95	54,836	
Building.....	35.1	41.4	32.5	2.98	3.01	2.72	104.67	124.53	88.26	50,489	
General engineering.....	32.9	45.6	26.4	2.98	3.00	2.68	97.77	136.90	70.66	4,347	
Highways, bridges and street construction.....	39.3	43.3	37.8	2.10	2.11	1.97	82.73	91.09	74.34	18,489	
Electric and motor transportation (n).....	42.5	44.0	42.6	2.25	2.23	2.16	95.69	98.35	92.20	21,285	
Service (o).....	35.2	35.4	35.5	1.39	1.39	1.25	49.00	49.37	44.56	44,502	
Hotels and restaurants.....	34.3	34.4	34.8	1.28	1.27	1.20	43.83	43.80	41.87	27,213	

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 December 1965
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	
	number						dollars			number
<b>Manitoba</b>										
Manufacturing .....	39.4	40.5	38.9	1.94	1.92	1.88	76.36	77.91	73.01	31,825
Food and beverages .....	39.1	40.8	38.7	2.10	2.03	2.04	81.87	82.56	78.78	5,682
Meat products .....	40.3	43.9	38.8	2.29	2.17	2.24	92.15	95.17	86.66	2,342
Clothing (textile and fur) .....	37.1	39.3	35.7	1.24	1.29	1.16	46.11	50.75	41.40	5,194
Iron and steel products .....	38.8	40.3	39.5	2.01	2.06	1.98	78.07	82.93	78.30	4,895
Transportation equipment .....	41.0	40.9	40.1	2.20	2.22	2.15	90.14	90.79	86.35	6,496
Building and general engineering (m) .....	33.6	40.0	33.4	2.34	2.32	2.23	78.63	92.89	74.70	5,186
Highways, bridges and street construction .....	39.2	41.0	37.9	1.78	1.79	1.78	69.70	73.44	67.52	3,159
Service (o) .....	33.8	33.4	35.0	1.24	1.23	1.20	41.70	41.05	41.82	8,420
<b>Saskatchewan</b>										
Mining .....	40.8	41.9	42.5	2.85	2.84	2.75	116.38	118.82	116.59	3,233
Manufacturing .....	39.4	40.0	38.8	2.17	2.15	2.17	85.54	86.08	84.08	7,200
Meat products .....	42.1	40.0	40.7	2.27	2.19	2.24	95.60	87.68	91.02	1,270
Building and general engineering (m) .....	36.1	40.3	35.8	2.25	2.23	2.20	81.17	89.98	78.69	5,350
Highways, bridges and street construction .....	42.8	46.0	37.1	1.98	1.89	1.84	84.90	87.00	68.20	2,658
Service (o) .....	37.8	38.4	37.7	1.32	1.33	1.21	49.89	50.99	45.50	2,690
<b>Alberta (p)</b>										
Coal mining .....	39.5	42.6	41.4	2.43	2.40	2.27	96.14	102.17	93.79	725
Oil and natural gas production (c) .....	41.6	42.4	39.2	2.92	2.91	2.76	121.33	123.07	108.29	6,039
Manufacturing .....	39.3	40.2	38.9	2.20	2.20	2.13	86.50	88.33	82.82	27,246
Food and beverages .....	40.1	40.2	39.1	2.19	2.18	2.11	87.72	87.39	82.53	6,697
Meat products .....	40.9	40.5	38.7	2.38	2.40	2.30	97.20	97.48	89.04	3,275
Transportation equipment .....	39.6	40.3	38.1	2.18	2.18	2.15	86.27	87.83	81.85	3,597
Non-metallic mineral products (e) .....	38.5	40.5	39.2	2.22	2.26	2.14	85.43	91.39	83.61	2,326
Building and general engineering (m) .....	32.0	40.7	30.9	2.62	2.67	2.41	83.90	108.91	74.42	11,902
Highways, bridges and street construction .....	39.8	41.6	37.9	1.99	2.02	1.90	79.26	84.25	71.95	6,563
Electric and motor transportation (n) .....	41.3	41.9	39.2	2.21	2.22	2.24	91.34	92.84	87.57	3,597
Service (o) .....	34.5	33.8	34.8	1.37	1.36	1.25	47.32	46.14	43.44	10,252
<b>British Columbia (p)</b>										
Forestry (logging) .....	33.6	39.8	26.2	3.30	3.37	3.07	110.92	134.07	80.35	8,164
Metal mining .....	39.3	41.2	39.1	2.96	2.96	2.74	116.38	122.21	106.94	4,415
Manufacturing .....	37.5	38.2	36.5	2.69	2.68	2.58	100.82	102.47	94.36	77,637
Food and beverages .....	36.1	36.3	35.5	2.42	2.36	2.31	87.33	85.63	81.96	7,413
Canned and cured fish .....	21.8	30.7	21.3	2.48	2.33	2.34	54.08	71.67	50.01	1,076
Canned and preserved fruits and vegetables .....	31.9	31.4	29.3	1.77	1.74	1.72	56.54	54.62	50.41	880
Wood products .....	36.7	37.4	34.5	2.60	2.60	2.48	95.34	97.30	85.53	32,265
Saw and planing mills .....	36.7	37.3	34.4	2.62	2.63	2.50	96.08	97.92	85.97	30,550
Pulp and paper mills .....	39.7	40.3	39.6	3.23	3.22	3.08	128.07	129.83	122.03	9,494
Iron and steel products .....	36.7	38.7	37.0	2.72	2.74	2.59	99.80	105.92	95.87	7,229
Steel shipbuilding and repairing .....	38.6	39.2	37.0	2.97	2.95	2.74	114.75	115.89	101.43	4,455
Non-ferrous metal products .....	41.4	40.9	42.1	2.82	2.82	2.81	116.65	115.60	118.42	4,857
Building and general engineering (m) .....	31.3	38.9	28.7	3.71	3.79	3.22	116.03	147.68	92.36	14,565
Highways, bridges and street construction .....	35.5	37.3	33.4	2.76	2.79	2.51	98.16	104.26	83.85	5,379
Electric and motor transportation (n) .....	42.1	41.9	43.4	2.64	2.66	2.57	111.18	111.30	111.62	4,131
Service (o) .....	32.6	33.4	34.2	1.69	1.69	1.52	55.16	56.62	51.87	12,369

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 December 1965
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	
	number			dollars						
<b>Halifax – Manufacturing</b> .....	39.4	40.5	39.8	2.11	2.09	2.03	83.15	84.55	80.69	6,673
<b>Saint John – Manufacturing</b> .....	40.1	42.1	38.5	2.07	2.06	1.94	82.88	86.95	74.53	4,392
<b>Quebec – Manufacturing</b> .....	38.6	41.3	38.5	1.90	1.93	1.87	73.51	79.85	72.05	14,960
Leather products .....	35.5	38.3	35.5	1.41	1.39	1.35	50.20	53.26	48.09	1,549
Clothing (textile and fur) .....	35.6	38.7	35.7	1.15	1.15	1.14	40.87	44.36	40.66	1,983
Transportation equipment .....	30.3	41.9	33.9	2.51	2.62	2.31	75.99	109.71	78.33	2,031
Building and general engineering (m) .....	37.2	40.6	31.0	2.45	2.46	2.29	91.23	99.78	71.04	4,290
<b>Sherbrooke – Manufacturing</b> .....	43.2	45.6	40.5	1.71	1.73	1.61	74.08	78.70	65.46	7,334
<b>Three Rivers – Manufacturing</b> .....	40.5	42.7	37.3	2.06	2.01	1.98	83.27	85.75	73.83	9,515
<b> Drummondville – Manufacturing</b> .....	40.3	40.6	38.6	1.73	1.71	1.64	69.52	69.50	63.51	5,202
<b>Shawinigan – Manufacturing</b> .....	41.8	41.9	37.7	2.30	2.29	2.18	95.93	95.72	82.21	6,073
<b>Granby – Manufacturing</b> .....	40.8	42.3	40.3	1.73	1.71	1.68	70.37	72.42	67.60	4,327
<b>St. Hyacinthe – Manufacturing</b> .....	39.7	42.5	39.1	1.50	1.56	1.48	59.57	66.28	57.81	4,011
<b>Sorel – Manufacturing</b> .....	42.0	43.1	39.5	2.43	2.46	2.32	102.21	106.22	91.75	4,389
<b>St. Jean – Manufacturing</b> .....	41.5	43.6	39.5	1.72	1.71	1.64	71.39	74.50	64.71	4,587
<b>Montreal – Manufacturing</b> .....	39.0	41.5	37.8	1.99	1.98	1.90	77.66	82.16	71.89	166,682
Food and beverages .....	41.3	42.2	40.5	1.99	1.97	1.92	82.20	83.01	77.76	16,173
Tobacco and tobacco products .....	37.8	37.3	37.4	2.42	2.43	2.32	91.41	90.45	86.82	3,961
Leather products .....	37.9	40.7	33.6	1.49	1.47	1.39	56.33	59.89	46.80	6,870
Textile products (except clothing) .....	41.3	43.8	39.9	1.52	1.52	1.48	62.82	66.70	58.94	7,602
Clothing (textile and fur) .....	33.9	37.6	33.3	1.51	1.49	1.44	51.33	55.86	47.84	36,851
Printing, publishing and allied industries .....	37.3	39.3	36.4	2.71	2.74	2.56	101.08	107.68	93.32	8,001
Iron and steel products .....	40.5	43.8	39.2	2.25	2.27	2.15	90.98	99.33	84.20	19,919
Transportation equipment .....	41.0	41.8	39.6	2.41	2.47	2.29	98.57	103.20	90.82	18,471
Electrical apparatus and supplies .....	39.8	43.1	38.6	2.22	2.26	2.08	88.25	97.51	80.26	13,147
Building and general engineering (m) .....	35.3	40.9	29.9	2.69	2.72	2.48	95.02	111.28	74.22	27,179
Electric and motor transportation (n) .....	45.0	46.6	44.7	2.27	2.28	2.00	102.34	106.37	89.25	10,349
Service (o) .....	39.9	39.5	38.8	1.20	1.20	1.15	47.97	47.23	44.59	16,532
<b>Valleyfield (Salaberry-de-) – Manufacturing</b> .....	43.1	44.3	44.4	1.93	1.93	1.85	83.28	85.64	81.89	3,521
<b>Cornwall – Manufacturing</b> .....	41.3	41.7	40.4	2.24	2.22	2.23	92.36	92.47	89.90	4,789
<b>Ottawa-Hull – Manufacturing</b> .....	40.3	41.1	40.2	2.28	2.29	2.20	91.85	94.09	88.28	11,152
Pulp and paper mills .....	40.5	41.1	41.0	2.72	2.71	2.61	110.09	111.26	106.98	3,808
Building and general engineering (m) .....	34.5	40.4	31.9	2.40	2.43	2.24	82.88	97.92	71.29	4,849
<b>Kingston – Manufacturing</b> .....	39.3	41.0	41.1	2.28	2.32	2.23	89.67	95.06	91.58	4,763
<b>Peterborough – Manufacturing</b> .....	41.0	41.6	40.2	2.57	2.58	2.48	105.54	107.17	99.88	6,429
<b>Oshawa – Manufacturing</b> .....	41.5	45.1	43.5	2.82	2.94	2.65	117.19	132.52	115.38	21,279
<b>Toronto – Manufacturing</b> .....	39.7	41.6	38.5	2.15	2.15	2.05	85.08	89.64	78.93	150,283
Food and beverages .....	40.9	41.1	40.3	2.06	2.04	1.95	84.33	83.85	78.55	17,362
Rubber products .....	43.5	43.5	39.9	2.60	2.60	2.39	113.09	113.01	95.09	3,978
Clothing (textile and fur) .....	37.0	39.8	35.0	1.54	1.54	1.48	57.04	61.20	51.63	13,792
Paper products .....	39.1	41.7	38.0	2.09	2.11	1.98	81.53	87.85	75.16	8,960
Printing, publishing and allied industries .....	37.7	39.4	37.6	2.83	2.85	2.69	106.76	112.32	101.16	11,951
Iron and steel products .....	40.8	42.9	39.0	2.39	2.41	2.26	97.75	103.57	87.89	25,248
Transportation equipment .....	39.5	41.2	38.9	2.44	2.54	2.36	96.14	104.57	91.63	8,746
Non-ferrous metal products .....	41.2	42.5	39.8	2.09	2.11	2.01	86.39	89.47	80.17	7,227
Electrical apparatus and supplies .....	39.0	41.4	38.0	2.17	2.18	2.05	84.50	90.06	77.85	18,102
Chemical products .....	40.0	40.9	39.5	2.09	2.08	2.04	83.54	85.01	80.50	6,367
Building and general engineering (m) .....	35.3	40.8	32.9	3.09	3.08	2.83	109.16	125.63	93.10	20,375
Electric and motor transportation (n) .....	43.0	44.2	43.4	2.29	2.28	2.24	98.58	100.70	97.15	10,770
Service (o) .....	36.9	37.1	37.3	1.40	1.41	1.33	51.84	52.32	49.56	21,443
<b>Hamilton – Manufacturing</b> .....	39.4	40.4	38.5	2.58	2.55	2.43	101.58	103.29	93.60	48,735
Clothing (textile and fur) .....	35.1	37.5	34.4	1.43	1.44	1.39	50.29	53.98	47.69	1,107
Iron and steel products .....	40.4	40.4	38.8	2.86	2.86	2.69	115.42	115.80	104.49	26,596
Electrical apparatus and supplies .....	39.3	41.2	38.6	2.59	2.59	2.48	101.64	106.57	95.72	4,232
Building and general engineering (m) .....	37.0	44.5	35.1	3.14	3.18	2.83	116.36	141.64	99.31	4,231

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 December 1965
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	
										number
<b>St. Catharines — Manufacturing</b>	41.6	42.3	42.3	2.76	2.72	2.68	114.97	115.11	113.64	26,385
Pulp and paper mills	42.6	41.1	41.4	2.70	2.73	2.50	115.07	112.19	103.62	2,982
Iron and steel products	39.7	42.8	38.6	2.71	2.75	2.67	107.55	117.99	102.98	7,278
Transportation equipment	44.5	44.7	47.6	3.12	3.12	3.05	138.66	139.49	145.29	9,698
<b>Niagara Falls — Manufacturing</b>	40.1	41.4	39.7	2.47	2.36	2.30	99.20	97.84	91.36	3,483
<b>Brantford — Manufacturing</b>	38.7	40.1	37.3	2.27	2.26	2.07	87.80	90.55	77.24	9,473
Textile products (except clothing)	36.3	38.9	34.9	1.97	2.00	1.83	71.32	77.82	63.65	1,099
Iron and steel products	39.5	40.4	38.3	2.63	2.63	2.40	103.77	106.46	91.99	4,564
<b>Guelph — Manufacturing</b>	38.9	40.9	38.6	2.08	2.06	1.93	81.00	84.38	74.74	6,451
<b>Galt — Manufacturing</b>	39.2	41.6	39.5	1.93	1.96	1.85	75.79	81.51	73.06	8,966
<b>Kitchener — Manufacturing</b>	39.9	41.6	38.4	1.96	1.96	1.85	78.02	81.46	71.18	19,127
Food and beverages	42.1	41.6	41.7	2.15	2.16	2.08	90.57	90.13	86.66	3,109
Rubber products	39.0	40.6	36.1	2.19	2.18	2.15	85.53	88.75	77.56	4,075
Wood products	42.4	43.2	41.4	1.90	1.88	1.74	80.65	80.98	72.01	1,913
<b>Woodstock — Manufacturing</b>	39.2	40.4	38.3	2.07	2.07	1.96	81.15	83.37	75.16	3,996
<b>London — Manufacturing</b>	38.3	39.8	37.9	2.10	2.12	2.01	80.58	84.61	76.00	14,136
Food and beverages	36.3	40.0	36.0	2.10	2.04	2.01	76.16	81.52	72.52	2,813
Iron and steel products	40.3	41.1	38.5	2.15	2.23	2.00	86.70	91.65	76.88	2,103
<b>Sarnia — Manufacturing</b>	40.0	40.8	40.2	2.95	2.93	2.85	118.00	119.47	114.77	5,695
<b>Windsor — Manufacturing</b>	42.7	43.0	38.4	2.70	2.75	2.47	115.37	118.25	94.98	25,066
Iron and steel products	40.6	42.7	36.0	2.60	2.64	2.32	105.41	112.90	83.54	5,220
Transportation equipment	43.9	43.3	38.7	2.80	2.86	2.59	123.09	123.89	100.26	16,747
Building and general engineering (m)	33.1	42.2	31.2	3.08	3.01	2.78	102.00	126.95	86.98	1,542
<b>Ft. William-Pt. Arthur — Manufacturing</b>	40.8	40.7	39.5	2.49	2.50	2.39	101.53	101.69	94.66	4,764
<b>Winnipeg — Manufacturing</b>	39.4	40.4	38.9	1.93	1.93	1.86	75.96	77.78	72.44	27,430
Food and beverages	39.8	40.9	39.7	2.17	2.13	2.10	86.26	86.86	83.11	5,024
Meat products	42.1	44.6	40.5	2.41	2.39	2.35	101.60	106.56	95.11	2,027
Clothing (textile and fur)	37.2	39.2	35.7	1.29	1.34	1.21	47.89	52.63	43.06	4,439
Transportation equipment	40.9	40.8	40.1	2.21	2.23	2.15	90.29	90.95	86.35	6,454
Building and general engineering (m)	32.6	39.6	31.8	2.38	2.37	2.29	77.58	93.59	72.93	3,803
Service (o)	33.5	33.3	34.7	1.26	1.25	1.21	42.08	41.60	41.98	7,598
<b>Edmonton — Manufacturing</b>	39.2	40.5	38.5	2.17	2.16	2.08	84.87	87.55	80.15	11,234
Food and beverages	40.0	40.2	37.9	2.23	2.26	2.16	89.11	90.74	82.04	2,952
Building and general engineering (m)	32.2	39.1	30.6	2.67	2.67	2.37	86.09	104.26	72.56	4,536
<b>Calgary — Manufacturing</b>	39.4	39.9	38.9	2.32	2.32	2.25	91.43	92.51	87.46	8,636
<b>Vancouver — Manufacturing</b>	37.4	38.2	36.1	2.60	2.60	2.48	97.48	99.05	89.34	37,505
Food and beverages	39.5	38.1	39.0	2.50	2.45	2.38	98.92	93.25	92.82	5,057
Wood products	37.2	37.6	34.3	2.65	2.66	2.53	98.55	99.96	86.96	13,703
Iron and steel products	36.4	38.6	36.9	2.73	2.74	2.60	99.25	105.96	95.88	6,708
Transportation equipment	36.1	38.2	35.9	2.83	2.84	2.64	102.22	108.55	94.76	2,822
Building and general engineering (m)	31.7	37.3	28.4	3.54	3.56	3.26	112.13	132.93	92.73	7,039
Electric and motor transportation (n)	41.9	40.9	44.8	2.75	2.74	2.63	115.35	112.27	117.99	2,372
Service (o)	32.8	33.7	34.6	1.78	1.79	1.53	58.49	60.16	52.83	8,474
<b>Victoria — Manufacturing</b>	37.5	38.4	37.5	2.82	2.81	2.63	105.96	107.89	98.74	5,380

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	number
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	2.09	86.01	41.6	2.27	94.46	40.7	1.91	77.74
September .....	41.3	2.13	87.88	41.9	2.31	96.74	40.8	1.93	78.93
October .....	41.6	2.15	89.37	42.2	2.33	98.41	41.0	1.95	79.98
November .....	41.5	2.16	89.66	42.2	2.35	98.93	40.8	1.96	79.89
December .....	39.9	2.17	86.70	40.4	2.33	94.27	39.3	2.00	78.51

(a) 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 5B. Average Hours and Earnings of Hourly-Rated Wage-Earners, Specified Industries, Canada - Continued

Year and month	Non-metal mining			Construction			Building and general engineering			Highway, bridges and street construction		
	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	Average weekly hours	Average hourly earnings	Average weekly wages
	number	dollars	number	dollars	number	dollars	number	dollars	number	dollars	number	dollars
1945 .....	..	..	..	38.9	0.74	28.59	40.2	0.81	32.60	36.7	0.63	23.19
1946 .....	..	..	..	38.4	0.77	29.53	38.7	0.84	32.39	37.9	0.66	24.98
1947 .....	..	..	..	39.3	0.85	33.25	39.3	0.92	36.12	39.1	0.72	28.00
1948 .....	..	..	..	39.2	0.94	36.89	40.0	1.02	40.68	37.5	0.80	30.04
1949 .....	..	..	..	39.7	1.01	40.18	40.0	1.08	43.28	39.0	0.86	33.50
1950 .....	..	..	..	39.9	1.06	42.13	39.5	1.14	45.07	40.8	0.88	35.99
1951 .....	46.0	1.18	54.14	40.3	1.19	47.86	39.4	1.29	50.67	42.2	0.96	40.55
1952 .....	42.6	1.36	57.81	41.5	1.32	54.99	41.0	1.44	59.04	41.5	1.06	43.87
1953 .....	42.8	1.43	61.29	41.7	1.44	60.26	40.7	1.58	64.31	41.3	1.13	46.83
1954 .....	42.9	1.47	63.15	40.3	1.48	59.85	39.9	1.61	64.08	41.1	1.21	49.73
1955 .....	43.3	1.53	66.16	39.9	1.52	60.49	39.5	1.63	64.46	40.1	1.26	51.87
1956 .....	43.1	1.60	68.79	41.1	1.65	67.77	41.0	1.77	72.73	41.3	1.35	55.67
1957 .....	42.5	1.68	71.57	41.2	1.76	72.55	41.3	1.90	78.47	40.8	1.44	58.83
1958 .....	42.3	1.74	73.73	40.7	1.78	72.36	40.5	1.94	78.37	41.0	1.48	60.80
1959 .....	42.2	1.82	76.87	40.2	1.84	74.20	39.6	2.01	79.59	41.3	1.56	64.28
1960 .....	42.2	1.89	79.62	40.4	1.94	78.41	40.1	2.12	84.85	41.0	1.63	66.89
1961 .....	42.3	1.95	82.60	40.3	1.98	79.93	39.9	2.17	86.39	40.9	1.67	68.37
1962 .....	42.3	1.98	83.82	40.3	2.06	83.16	39.7	2.25	89.37	41.5	1.73	71.65
1963 .....	42.4	2.07	87.70	40.8	2.14	87.51	40.0	2.34	93.64	42.3	1.79	75.80
1964 .....	43.1	2.13	92.00	41.0	2.25	92.31	40.1	2.46	98.55	42.8	1.86	79.71
1962 - Jan. ...	42.1	2.01	84.51	39.3	2.06	80.88	39.1	2.23	87.35	39.5	1.72	68.14
Feb. ...	41.5	2.01	83.47	40.4	2.06	83.23	39.2	2.25	88.45	42.6	1.72	73.30
Mar. ...	42.3	2.00	84.89	40.4	2.10	84.83	40.5	2.27	91.95	40.0	1.76	70.53
Apr. (1)	42.0	1.98	83.21	38.5	2.08	80.23	38.5	2.27	87.17	38.6	1.74	67.20
May ...	43.1	1.96	84.41	40.6	2.04	82.93	39.8	2.24	88.94	42.0	1.72	72.34
June ...	42.5	1.95	83.01	42.0	2.04	85.66	40.9	2.23	91.44	44.0	1.71	75.46
July ...	42.8	1.94	82.91	42.0	2.04	85.56	41.2	2.23	92.00	43.4	1.70	73.96
Aug. ...	43.1	1.94	83.52	42.6	2.05	87.19	42.0	2.24	94.04	43.8	1.71	74.73
Sept. ...	43.8	1.96	85.99	42.6	2.05	87.51	42.1	2.25	94.67	43.7	1.71	74.59
Oct. ...	43.2	1.97	85.00	41.7	2.07	86.11	41.4	2.25	93.23	42.3	1.73	73.04
Nov. ...	43.4	2.00	86.81	40.7	2.08	84.57	40.9	2.27	92.65	40.5	1.72	69.72
Dec. (1)	38.4	2.03	78.10	33.1	2.09	69.25	30.7	2.30	70.60	37.3	1.79	66.80
1963 - Jan. ...	41.3	2.09	86.31	39.1	2.14	83.56	38.6	2.32	89.66	41.0	1.79	71.60
Feb. ...	42.0	2.11	88.55	40.1	2.16	86.60	39.5	2.34	92.59	41.3	1.80	74.57
Mar. ...	41.7	2.11	87.98	40.3	2.17	87.45	40.0	2.34	93.62	41.1	1.81	74.43
Apr. ...	42.0	2.07	87.06	39.9	2.16	86.29	39.9	2.34	93.32	39.9	1.80	71.95
May ...	42.7	2.04	87.08	41.3	2.13	88.04	40.7	2.32	94.49	42.4	1.80	76.31
June ...	42.8	2.03	86.97	41.9	2.11	88.36	40.4	2.32	93.68	44.5	1.78	79.07
July ...	43.2	2.05	88.50	42.4	2.11	89.51	41.3	2.30	95.20	44.4	1.78	79.16
Aug. ...	43.2	2.05	88.61	42.2	2.13	89.82	41.5	2.33	96.70	43.5	1.78	77.19
Sept. ...	43.9	2.05	89.84	43.1	2.16	92.90	42.3	2.36	99.73	44.5	1.80	80.08
Oct. ...	43.9	2.06	90.51	42.6	2.17	92.32	42.0	2.36	99.08	43.9	1.80	79.13
Nov. ...	44.3	2.07	91.91	40.8	2.16	88.34	40.8	2.36	96.07	41.0	1.79	73.21
Dec. (1)	37.2	2.10	77.95	32.8	2.17	71.19	30.6	2.40	73.29	37.1	1.81	67.09
1964 - Jan. ...	42.5	2.16	91.86	40.1	2.24	89.99	39.6	2.42	96.03	41.2	1.85	76.41
Feb. ...	42.3	2.17	91.94	41.2	2.24	92.31	40.5	2.43	98.37	42.7	1.85	79.09
Mar. (1)	42.2	2.16	91.28	37.4	2.24	83.90	36.6	2.43	88.82	39.3	1.87	73.49
Apr. ...	43.3	2.13	92.21	40.1	2.25	90.36	40.0	2.44	97.38	40.4	1.86	75.34
May ...	43.6	2.11	92.25	42.0	2.22	93.39	41.1	2.43	99.62	43.7	1.87	81.75
June ...	43.1	2.10	90.78	41.3	2.20	90.95	39.9	2.43	96.83	43.7	1.85	80.74
July ...	43.5	2.08	90.61	42.5	2.22	94.60	41.4	2.44	100.95	44.5	1.87	83.30
Aug. ...	43.0	2.09	90.00	42.9	2.23	95.63	41.8	2.45	102.20	45.0	1.87	84.12
Sept. ...	44.2	2.11	93.36	43.1	2.26	97.48	42.2	2.48	104.61	44.7	1.89	84.53
Oct. ...	45.0	2.13	95.94	42.9	2.30	98.62	42.4	2.52	106.73	44.0	1.89	83.33
Nov. ...	44.4	2.17	96.20	41.5	2.31	95.98	41.2	2.52	103.83	42.3	1.90	80.23
Dec. (1)	40.0	2.19	87.49	33.8	2.29	77.43	32.1	2.51	80.65	37.3	1.90	70.91
1965 - Jan. ...	43.6	2.22	96.69	40.5	2.38	96.41	39.9	2.58	102.85	42.0	1.93	80.94
Feb. ...	43.2	2.23	96.28	40.3	2.38	95.94	39.6	2.58	102.23	42.0	1.92	80.67
Mar. ...	42.6	2.20	93.87	40.7	2.41	98.01	40.6	2.60	105.44	41.0	1.95	79.77
Apr. ...	43.3	2.20	95.41	40.1	2.45	98.18	40.1	2.63	105.32	40.3	1.99	80.18
May ...	44.3	2.18	96.49	40.9	2.40	98.16	40.2	2.61	104.71	42.6	1.96	83.64
June ...	44.6	2.18	97.14	41.7	2.38	99.21	40.2	2.61	104.63	45.0	1.95	87.82
July ...	44.1	2.19	96.35	43.1	2.39	102.91	41.9	2.61	109.32	45.6	1.97	89.59
Aug. ...	43.2	2.18	94.25	43.0	2.42	104.21	41.9	2.66	111.28	45.4	1.97	89.48
Sept. ...	44.1	2.21	97.71	42.9	2.48	106.07	41.9	2.71	113.46	45.0	2.00	89.98
Oct. ...	45.3	2.25	102.01	43.2	2.51	108.40	42.4	2.74	116.03	44.9	2.03	91.10
Nov. ...	44.8	2.27	101.49	41.8	2.55	106.60	41.6	2.77	115.30	42.3	2.04	86.11
Dec. ...	43.6	2.29	99.77	36.4	2.54	92.54	35.4	2.76	97.48	38.9	2.05	79.89

See footnote on page 15.











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	211.5
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	214.9
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	217.3
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	218.5
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	219.8
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	212.8
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	216.4
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	218.4
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	219.7
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	218.4
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	210.2
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	212.7
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	214.7
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	215.6
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	219.8
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	202.7
October .....	155.5	162.6	165.6	171.6	176.4	179.7	184.6	191.6	197.5	203.4
November .....	154.2	162.9	165.7	171.6	176.9	182.4	184.6	191.2	196.2	204.5
December .....	156.1	163.8	168.2	172.1	176.4	181.2	182.5	190.1	198.5	204.0

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	132.3
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 .....	86.01	206.1	61.86	148.2
September .....	87.88	210.5	63.07	151.1
October .....	89.37	214.1	63.74	152.7
November .....	89.67	214.8	63.70	152.6
December .....	86.70	207.8	61.44	147.2

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 are 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.



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## 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.

AN HOURS AND HOURLY EARNINGS - DECEMBER 1965