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CANADA

DOMINION BUREAU OF STATISTICS

CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

MISCELLANEOUS RESULTS

of the

CENSUS OF MERCHANDISING

and

SERVICE ESTABLISHMENTS

1933

Published by Authority of the Hon. R.B. HANSON, K.C., M.P., Minister of Trade and Commerce.

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DOMINION BUREAU OF STATISTICS - CANADA
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Miscellaneous Results of the Census of Merchandising and Service Establishments, 1933

This bulletin brings together some miscellaneous results of the Census of Merchandising and Service Establishments, 1933. The reports that have already been published for this census contained, in the main, statistics for the sales of retail and wholesale establishments for the years 1930 to 1933, based on the returns of establishments furnishing figures for the period. The present bulletin contains statistics, derived in a somewhat similar manner, of payrolls and stocks of retail and wholesale establishments. In addition, there are tables showing the trend and distribution of sales for establishments classed as "other wholesalers" for census purposes.

Retail Trade

The total retail sales of the Dominion as a whole declined from \$2,755,569,900 in 1930 to 64.5 per cent of that amount, or \$1,776,-884,000, in 1933. During the same interval, salaries and wages paid to employees engaged in retail trading establishments declined from \$257,855,600 to 69.7 per cent of that figure, or \$179,847,000. These wage figures include payments made to both full-time and part-time employees, but they do not include the compensation of proprietors actively engaged in their own stores. Stocks on hand in all retail stores at the end of 1930 amounted to \$483,627,500 and at the end of 1933 the corresponding figure was \$377,020,000 or 78.0 per cent of the former amount. The declines in sales, salaries and wages, and stocks on hand over the three-year period are thus seen to be 35.5 per cent, 30.3 per cent and 22.0 per cent, respectively.

Table 1 presents a comparison of the value of sales and payroll costs for 1930 and 1933, first, by provinces and, second, for each of the broad kind-of-business groups which are used in the Census of Retail Merchandising Establishments. In each case the percentage decrease in wages is seen to be less than the corresponding decrease in retail sales. The decrease in the value of retail sales may be attributed both to a decrease in the volume of commodities sold and also to a decline in the retail price levels. The reduction in the total wage bill is due to a combination of several factors: fewer employees, lower rates of pay, shorter working hours, the replacement of full-time employees by those on a part-time basis, and the replacement of paid employees by proprietors who, in 1930, devoted less or none of their time to their retail business. A fairly direct relationship is found to exist between the percentage decreases in sales and the corresponding reductions in wage payments, those provinces and those business groups experiencing the smallest decreases in sales also showing the lowest reductions in salaries and wages paid to employees.

In Table 2 a comparison is made for the retail trade as a whole and also for a number of selected kinds of business of the value of sales in 1930 and 1933 and of the value of the stocks on hand at the end of each of these two years. Here, again, the percentage decrease in the value of stocks on hand is considerably less in each case than the decline in sales for the corresponding kind of business. But from the data shown in Table 2, no definite relationship can be seen for the different kinds of business as between decrease in sales volume

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and reduction in the value of stocks on hand at the end of the year. For hardware stores and furniture stores in particular, the reduction in the value of stocks on hand is much less in proportion to the decline in value of sales than for the other kinds of business for which figures are shown.

Wholesale Trade

Table 3 presents a comparison of sales, payrolls and stocks for the years 1930 and 1933 for those wholesale firms which furnished information for both years. The sales indexes for certain trades in 1933 will be found to differ from those already published as the sales of the firms whose figures are included in Table 3 form only a part of the total wholesale trade. A comparison of the indexes for sales, payrolls and stocks shows that sales generally tended to decline more than payrolls or stocks and that stocks fell the least of the three series. For all firms reporting, sales fell 32.1 per cent between 1930 and 1933, payrolls declined 30.2 per cent, and the value of stocks 23.6 per cent in the period.

The relative movements in the various fields of trade differed greatly in the period under review. Sales for reporting establishments in the machinery, equipment and supplies trade dropped 66.2 per cent, payrolls declined 51.9 per cent, but the value of stocks fell only 23.3 per cent. The declines in the indexes are a resultant of two factors, one the loss in volume and the other the decline in prices. In the case of salaries and wages, these two factors are represented by declines in rates of payment and smaller numbers of employees or shorter working periods.

The indexes for trades handling staple products - such as drugs, coal and coke, and foods - do not show as large declines as those for the dealers in construction or building materials or durable consumers' goods. The indexes of sales and stocks for the chemicals and paint group actually stand higher in 1933 than in 1930, which indicates a more rapid revival in this field of trade than in others.

In the census for the year 1930, statistics were secured from all types of wholesale distributors, including agents, brokers and manufacturers' sales outlets. Owing to the difficulty of collecting information from firms which do not actually take title to the goods they sell, most of the specialized types of distributors were excluded from the census of 1933. It was decided, however, to secure reports from those manufacturing concerns which maintained sales branches and which sold to a considerable extent directly to the retail trade. Table 4 presents the sales figures for the establishments furnishing information for the period 1930 to 1933. The value of the sales given will serve as an indication of the proportion of the trade in the respective fields which is handled by the reporting establishments.

Table 5 shows the sales of farm machinery in Canada by provinces for the period under review. The sales are those of the larger wholesale dealers and manufacturers with distributing branches.

The channels through which certain wholesale establishments distribute goods are shown in Table 6. Only two trades among the wholesalers proper have been analyzed. The distribution of sales of wholesale dealers in coal and coke (chiefly in Ontario and Quebec) is shown in the first part of Table 6. Almost 30 per cent of the sales of the establishments reporting is made to other wholesale dealers, while 33.6 per cent of their trade is with industrial firms. Included with wholesalers proper in the meat trade are the packing houses which maintain distributing branches. Only 3 per cent of the reported sales is made to jobbers or wholesale dealers while 57.6 per cent is made to independent retailers and 13.6 per cent to chain or department stores.

A separate analysis is made of sales of dealers in petroleum products in Table 7. Included in this table are figures for refining companies which have marketing organizations. An interesting feature in Table 7 is the figures for sales to farmers or other primary producers. For Canada as a whole, almost 12 per cent of the sales is in this class. In the Prairie Provinces, however, the proportion is much higher.

Theatre Receipts by Cities

The receipts of motion picture theatres in cities in which three or more theatres furnished reports in 1930 and 1933 are shown in Table 8. The statistics of motion picture theatres by provinces have already been published in a separate bulletin.

Table 1.--Comparison of Total Retail Sales and Total Salaries and Wages Paid to Employees, 1930 and 1933, by Provinces and by Kind-of-Business Groups

		Sales		Sal	aries and Wa	ages
Province and Group	1930	1930 1933 R		1930	1933	Ratio, 1933 to 1930
	\$	\$	to 1930	\$	\$	%
Prince Edward Island Nova Scctia New Brunswick Quebec Ontario Manitoba Saskatchewan Alberta Fritish Columbia Yukon and Northwest Territories	13,773,700 99,519,900 84,371,900 651,138,500 1,099,990,200 189,243,900 189,181,100 176,537,100 248,597,500 3,216,100	69,349,000 52,445,000 421,141,000 737,000,000 120,322,000 104,123,000 108,277,000 153,719,000	62.2 64.7 67.0 63.6 55.0 61.3 61.8	920,600 7,269,900 6,408,200 61,758,400 106,538,900 19,597,800 14,916,300 15,563,100 24,521,300 361,100	5,576,000 4,751,000 43,597,000 76,632,000 13,502,000 9,051,000 10,220,000 15,584,000	76.7 74.1 70.6 71.9 68.9 60.7 65.7 63.6
CANADA, TOTAL	2,755,569,900	1,776,884,000	64.5	257,855,600	179,847,000	69.7
Food group	615,476,100 228,803,800 451,542,500 381,959,300 219,968,600 162,237,100	151,233,000 313,258,000 218,484,000 147,085,000	66.1 69.4 57.2 66.9	41,384,100 9,832,200 56,455,700 35,766,700 22,592,200 16,249,200	7,128,000 43,527,000 21,996,000 15,249,000	72.5 77.1 61.5 67.5
Furniture and household group	101,665,900	50,634,000	49.8	14,526,000	8,366,000	57.6
Restaurants, cafeterias and eating places Other retail stores	75,977,100 517,939,500	41,666,000	54.8 65.8	14,125,300 45,779,600	8,065,000 32,869,000	

The salary and wage figures given above include both full-time and part-time employees. The value of proprietors' services has not been included.

Table 2.--Comparison of Total Retail Sales and Stocks on Hand, 1930 and 1933

(All Stores and Selected Kinds of Business)

		Total Sales		Stocks on Hand			
Kind of Business	1930	1933	Ratio, 1933 to 1930	1930	1933	Ratio, 1933 to 1930	
All Stores, motal	\$ 2,755,569,900	\$ 1,776,884,000	% 64.5	\$ 483,627,500	\$ 377,020,000	78.0	
Grocery and combination stores Country general stores Department stores Men's and boys' clothing and furnishings Family clothing stores Women's apparel and accessories Shoe stores Hardware stores Turniture stores Drug stores	405,403,400 228,803,800 355,258,600 72,110,500 42,144,100 69,806,000 35,908,000 70,891,700 41,016,500 76,848,900	297,306,000 151,233,000 241,665,000 44,520,000 31,593,000 44,688,000 26,284,000 42,745,000 23,074,000	73.3 66.1 68.0 61.7 75.0 64.0 73.2 60.3 56.3	34,621,500 76,116,700 51,451,500 26,664,100 16,790,100 16,004,300 14,407,200 28,151,100 12,730,900 23,366,400	58,926,000 37,200,000 17,889,000 13,086,000 12,764,000 11,203,000 23,838,000 10,166,000	77.4 72.3 67.1 77.9 79.8 77.8 84.7 79.8	

Table 3.--Wholesalers Proper - Indexes of Sales, Payrolls and Stocks,

by Kinds of Business for Firms Furnishing Information

for Both 1930 and 1933

Kind of Business	Sal		Salari wages emplo	of oyees	Stocks on hand	
	1930		1930	1933	1930	
TOTAL	100.0	67.9	100.0	69.8	100.0	76.4
Amusement, photographic and sporting goods	100.0	56.0	100.0	77.5	100.0	71.1
Automotive	100.0	63.7	100.0	76.6	100.0	78.9
Chemicals and paints (chiefly industrial chemicals)	100.0	104.9	100.0	81.6	100.0	122.2
Drugs and drug sundries	100.0	79.0	100.0	71.6	100.0	86.4
Coal and coke	100.0	89.2	100.0	79.8	100.0	104.4
Dry goods and apparel	100.0	65.1	100.0	60.0	100.0	61.8
Electrical	100.0	45.7	100.0	62.5	100.0	73.2
Farm supplies	100.0	54.0	100.0	78.0	100.0	80.1
Foods(1)	100.0	75.3	100.0	77.0	100.0	83.1
Furniture and house furnishings .	100.0	46.3	100.0	51.8	100.0	44.7
General merchandise	100.0	58.9	100.0	63.0.	100.0	79.7
Hardware	100.0	57.7	100.0	64.3	100.0	72.8
Jewellery and optical goods	100.0	68.6	100.0	64.2	100.0	88.5
Leather and leather goods	100.0	74.3	100.0	82.0	100.0	78.9
Lumber and building materials	100.0	37.1	100.0	44.3	100.0	64.0
Machinery, equipment and supplies	100.0	33.8	100.0	48.1	100.0	76.7
Metals and metal work	100.0	44.2	100.0	55.7	100.0	75.5
Paper and paper products	100.0	77.1	100.0	72.2	100.0	78.9
Petroleum products	100.0	70.8	100.0	82.5	100.0	77.1
Plumbing and heating equipment and supplies	100.0	43.8	100.0	49.0	100.0	74.4
Tobacco and confectionery	100.0	69.6	100.0	72.7	100.0	70.8
All other	100.0	80.2	100.0	75.4	100.0	77.3

⁽¹⁾ Does not include figures for packing houses or branches.

Table 4.--Other Wholesalers (1) - Total Sales and Sales Indexes for Selected Kinds of Business for Firms Furnishing Information for the Period 1930 to 1933

Kind of Business			et Sales			= 100.0)
	1930	1931	1932	1933	1930 193	1 1932	1933
	\$	\$	\$	3	DATE OF THE PARTY		
Tires (including rubber goods) - Canada Maritime Provinces Quebec Cntario Prairie Provinces british Columbia	54,256,200 2,336,400 12,230,200 31,413,800 6,776,600 1,499,200	1,947,700 9,448,100 19,807,800 5,141,200	1,294,800 5,759,700 14,390,300 4,287,000	1,377,600 6,057,200 14,030,600 3,801,900	100.0 69. 100.0 83. 100.0 77. 100.0 63. 100.0 75. 100.0 76.	4 55.4 3 47.1 1 45.8 9 63.3	59.0 49.5 44.7 56.1
Chemicals and Paints (chiefly paints) - Carada	11,289,600 634,500 4,696,700 3,271,600 1,576,000 1,110,800	506,100 3,617,500 2,370,200 1,003,100	368,100 2,645,100 2,066,100 858,900	317,100 2,388,900 1,926,400 827,100	100.0 74. 100.0 79. 100.0 77. 100.0 72. 100.0 63. 100.0 83.	8 58.0 0 56.3 4 63.2 6 54.5	50.0 50.9 58.9 52.5
Drugs and Drug Sundries - Total	10,540,500	8,955,200	7,934,600	8,658,300	100.0 85.	0 75.3	82.1
Shoes (chiefly rulber footwear)- Canada Maritile Provinces Quebec Oliario Prairie Provinces Fritish Columbia	7,883,900 814,800 2,988,600 2,731,400 818,000 531,100	703,100 2,128,300 2,251,100 697,300	612,000 1,852,800 1,797,900 753,200	682,700 2,085,000 1,822,300 806,900		3 75.1 2 62.0 4 65.8 2 92.1	83.8 69.8 66.7 98.6

⁽¹⁾ Chiefly manufacturers with general sales offices and sales branches.

Table 4. -- Other Wholesalers (1) - Total Sales and Sales Indexes for Selected Kinds of Business for Firms Furnishing Information for the Period 1930 to 1933 (Cont'd.) -

Kind of Business		Total N	et Sales		Indexes of Sales (1930 = 100.0)			
	1930	1931	1932	1933	1930	1931	1932	1933
	\$	\$	\$	\$	4-1-1		BHY	
Canada	5,991,200 30,306,700 39,917,800 12,000,100	4,519,900 22,545,300 28,665,800 8,793,900	41,499,200 1,859,900 16,538,300 16,099,400 4,407,600 2,594,000	1,401,900 10,097,800 11,466,400 3,321,000	100.0 100.0 100.0	75.4 74.4 71.8 73.3	31.0 54.6 40.3 36.7	23.4 33.3 28.7 27.7
Groceries (including confection- ery) - Total	106,012,000	9,594,100 64,104,000 40.804.40 0	8,043,800 49,626,800 38,455,200	7.487.000	100.0	60.5	46.8 93.4	45.8
Furniture and Mouse Furnishings- Total	7,993,700	6,205,700	4,477,200	4,688,400	100.0	77.6	56.0	58.7
Hardware, Plumbing and Heating Equipment and Supplies - Total	23,617,400	17,826,600	12,541,700	11,158,800	100.0	75.5	53.1	47.2
Machinery, Equipment and Supplies - Canada	41,010,600 1,615,400 5,535,500 11,299,600 21,497,500 1,062,600	933,400 3,786,800 6,461,900 6,177,600	2,285,300 4,122,200 8,360,100	556,100 1,88 2 ,200 3,933,100 7,347,900	100.0 100.0 100.0 100.0	57.8 68.4 57.2 28.7	34.7 41.3 36.5 38.9	34.4 34.0 34.8 34.2

⁽¹⁾ Chiefly manufacturers with general sales offices and sales branches.

Table 5.--Sales of Farm Machinery and Equipment by Wholesale Dealers (1) and Manufacturers (2), by Provinces (3), 1930 - 1933

Province		Sales						Indexes of Sales (1930 = 100.0)				
	1930 1931		1932	1933	1930	1931	1932	1933				
	\$	*	**	\$				THE				
CANADA, Total	44,090,400	16,052,600	15,582,300	13,692,000	100.0	36.4	35.3	31.1				
Maritime Provinces	1,337,100	811,800	505,700	470,300	100.0	60.7	37.8	35.2				
Quebec	3,337,100	2,594,100	1,620,500	1,194,500	100.0	77.7	48.6	35.8				
Ontario	8,814,500	4,873,400	3,207,500	3,218,500	100.0	55.3	36.4	36.5				
Manitoba	6,352,800	1,672,100	1,883,700	1,947,600	100.0	26.3	29.7	30.7				
Saskatchewan	14,071,700	2,693,700	4,265,200	3,268,800	100.0	19.1	30.3	23.2				
Alberta	9,784,200	3,130,700	3,961,700	3,423,000	100.0	32.0	40.5	35.0				
British Columbia	393,000	276,800	138,000	169,300	100.0	70.4	35.1	43.1				

⁽¹⁾ Includes practically all large wholesale dealers.

⁽²⁾ Includes manufacturers operating distributing branches in Canada.

⁽³⁾ Bales are based on the location of establishments and are not necessarily synonymous with provincial sales.

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Table 6.--Distribution of Sales of Wholesale Establishments, 1933

		Do	noontono of l	Total Gai	loo Cold to		
Group	Sales of Firms Leporting 1933	Manufacturers or Industrial Users as Materials or Supplies p.c.	Jobbers or	Chains or Depart- ment	Other Retailers	Export	Other p.c.
Wholesalers Proper Coal and coke	27,876,500	33.6 8.1	29.6 3.0	13.6	32.1 57.6	14.5	4.7
Other Wholesalers(3) Biscuits and confectionery.		10.6	14.6 60.9	26.9 14.4	54.7 3.6	·3 2.5	3.5
Sugar Electrical Farm machinery and equipment Hardware and plumbing Rubber footwear Tires and rubber goods	27,409,700 18,788,400 11,158,800 6,225,700	18.6 47.6 - 38.7 2.4 13.8	22.6 1.3 29.8 14.1 16.0	7.6 29.7 7.0	17.2 28.3 23.0 38.9 43.1	4.2 37.5 .9 14.9 19.7	3.2 32.9 - -

⁽¹⁾ Includes sales by packing companies.

⁽²⁾ Chiefly manufacturers with general sales offices or sales branches.

Table 7. -- Distribution of Sales of Marketers (1) of petroleum products, 1933

		Percentage of Total Sales to -								
	Sales			Sales to						
	of	E DY TV		Farmers		Sales				
Economic Division	Firms	Sales	(2)	and Other	-	at	(3)			
THE SECOND PROPERTY AND ADDRESS.	Reporting	to	Sales to		Wholesale	Retail	-			
	1933	Jobbers	Retailers	Producers	Sales	Prices	Sales	Other		
	\$	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.	p.c.		
CANADA, Potal	155,374,800	21.6	46.0	11.9	14.5	4.0	1.4	.6		
Malitime Provinces .	11,523,600	16.7	57.3	15.1	9.6	.3	.6	.4		
Quebec	26,509,300	21.8	50.7	1.3	22.0	3.0	.8	.4		
Ontario	65,076,600	21.0	52.0	4.1	11.8	7.3	2.9	.3		
Manitoba	8,997,700	22.3	38.3	27.5	10.0	1.6		.3		
Saskatchewan	14,574,200	25.2	32.5	38.9	2.4	.6		.4		
Alberta	13,486,600	24.5	33.1	31.1	10.7	.2	-	.4		
British Columbia		20.8	32.6	8.7	31.8	3.3	-	2.8		

⁽¹⁾ Includes marketing organizations of refining companies as well as jobbers.

⁽²⁾ Includes company-owned filling stations.

⁽³⁾ Export sales are attributed to offices reporting such sales.

Table 8.--Receipts of Motion Picture Theatres by Cities,

1930 and 1933

City	Number of Theatres Reporting 1930	Receipts 1930	Number of Theatres Reporting 1933	Receipts 1933	Per Cent of 1930
		\$		\$	
Maritime Provinces: Halifax	7 7 3	848,000 484,000 191,000	6 5 3	417,000 258,300 89,300	49.2 53.4 46.8
Quebec: Montreal	56 10 4	6,431,000 602,000 173,000	56 11 4	4,082,800 433,400 82,400	63.5 72.0 47.6
Ontario: Toronto Ottawa Windsor Hamilton London Kingston St. Thomas	92 11 3 17 6 3	6,440,000 965,000 397,000 1,290,000 681,000 248,000 105,000	86 11 4 17 6 3	4,658,300 900,500 210,100 809,300 473,400 151,900 114,700	
Prairie Provinces: Winnipeg	30 5 5 3 6 8	2,254,000 599,500 539,000 221,000 881,400 775,000	30 4 5 3 6 8	1,495,600 323,200 264,400 125,300 546,900 511,700	66.4 53.9 49.1 56.7 62.0 66.0
British Columbia: Vancouver Victoria	26 5	2,709,000 428,000		1,477,100 303,400	54.5 70.9

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