# CANADA <br> DOMINION BUREAU OF STATISTICS 

CENSUS OF MERCHANDISING AND SERVICE ESTABLISHMENTS

## RETAIL MERCHANDISE TRADE

IN

OTTAWA

1936

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Minister of Trade and Commerce.

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## CENSUS OF IWERCHANDISING AND SERVTCZ BSTADHISHMENTS.

Retail Merchandise Trade in Ottayn 9.936
(Population: 1931 Census, 126.872.)
Resulte of a special survey of retail trade in Ctちawa recently completed by the Internal Trade Branch of the Bureau of Statistics shor retail business for the city during 2936 of more than $\$ 53,000,000$. There were $1,593=4$.es last yoar with $\$ 53,024,600$ sales compared with 1,499 stores and $\$ 59,564,500$ sales 930 , the only other year for which complete statistics are evailable. An estimate on ..., total trade for 1933, based upon a leas exhaustive survey made on the camplirg principie, is placed at $442,000,000$. Thus, while the dollar value of retail trade last yoar was still 11 per cent below the 1930 level, it was more than 26 per cent ebove ting let yoirt reached in 1933.

Variations in the dollar value of ratajil tracio fron year to yoar reflect not only differences in the actual volume of merchandise purchased but also changes in price levels. The Bureau's Retail Price Index reveals a $2 \jmath_{0} 6$ pat cont docline in prices in 1936 compared with 1930. Although these prico indexes ar at 80 constructed as to make an exact comparison with retail sales possible, tit is eviajat that the consumption of goods in Ottawa in 1936 equalled or exceedod the in the serlior period.

Sales in 1936 relative to 2930 variad widezy Zor different kinds of buainess, being highest for those stores dceling chiefly in nocessitios or stoplo lines of merchandise and lower for those lines of business handing inzury itame and durable consumer goods and which suffered the greateat decline durimg the ins-assion years. Dollar value of sales for the food group of stores was oniy ? per cems tower in 1936 than in 1930, a decreaso more than accountable for by the differenco in oud prices which averaged 24 per cont lower last year than in the earlier period. A consingrebio pansion in the quantitien of food products consumed is thus avidert. On the ounar and, sfins for the building materials group were still 28 per cent lower than in 2930; the furniure and household group was down 27 per cent, and jewel.jery síai̊e sales waie dowia 22 per cent.

Every offort was made to secure comparability in these retail trade statistice for 1930 and 1936. But changes in tha type of business carried on by some firms have necessitated their allotmert to a difienont kindmor-business classificetion in 1936 than in the earlier year. Confectionery stores and fruit ans vegetable markets have added grocery items to their stocks and, altiough not, all such etores known to carry grocery items have been assigned to the grocery stoorg olassi:ication, the transfer has been made where it was thought that grocery sel.os formed the larger proportion of the busin088. Grocery stores which have addod moat counters have baen transferred to the combination store classification. Storss have gone out of businese gnd now enter," ises have commencod. Porcentage changes in sales for detailed kircuof-business classifications must be considered in the light of these facts and not noconsarily as indicative of the trend in sales of stores which have continued in tha care $\because=1$ of business throughout the period.

The food group, with 668 stores and $\$ 1.1,569,800$ sales, occupied first place In the retail trade last year. Included in the fond group vere 133 confectionery stores with $\$ 819,400$ sales and 63 fruit and vegetablo markete with $\$ 869,700$ sales. There were 222 atraight grocery stores with an anmua? business of ${ }^{3} 3,034,500$. Combination atores (groceries and meats) numbered 132 and had $\$ 5,259,100$ saies. There were also 64 meat and ish markete with $\$ 1,120,700$ sales. Transition of grocory stores and meat markets to the combination store type resulted in doclines of 46 por cent, and 34 per cont in sales below 1930 for the two more specialized tynes of food stores am a corresponting increase of 97 per cent in the business transacted by combination stores. Salas for tre three main classes of food stores combined were 6 per cent lower in 2956 than six years ago.

In addition to the sales made by the 668 stores in the food group, retail sales of manufacturing bakeries totalled $\$ 1,410,520$ last year. Retail sales of manufacturing dairies totalled $\$ 1,576,900$ and sales of milk and oream by producer-distributors were estimated at another $\$ 580,000$. No information is available to show the value of sales made at the two munioipal markets,

The general marchandisa group comes second in point of view of value of sales. Department stores and varioty stores form the two important classifications in this group. There were 8 department stores in Ottewa last year with $\$ 7,90 \%, 200$ sales, a decline of 22 per cent below the business transactad by wai stores six yミars ago. Variety stores increased in number from 6 to 10 during the same period with a consequent increase in soles from $\$ 1,948,600$ in 1930 to $\$ 2,026,200$ in 1936.

The automotive grous inc?uded 146 establishments y tith $\$ 7,637,900$ eales. There were 20 motor venicle dealers wiose annual business, includin- receipts from all sources, totalled $\% 4,795,600$ last year. This represents a decrerse of 2. per cent in business below the amount recorded for motor vehicle dealers six years ago. Thoze were 75 filling stations last year compared with 52 in 2.930 onc sales were up 25 per cent in value, an advance which, on account of the decrease in retail prices, considerably underestimates the increase in gasolins consumotion. Motor vehicle registrations show that there were 20,222 vehicles registered in Ottawa last year compared with 16,148 in the earlier period. In addition to the ij ifiling stations, there were 32 garages whose activities combined sales and services but in which service receipts formed less than 50 per cent of the total income. These had total. recoipts of \$6t 42,900 . There ero also 17 shops specializing in accessories, tires and batieries and these had $\$ 486,900$ seles.

The apparol gyoup comprised 277 stores for which sales were $\$ 5,257,000$ or 13 per cent below the corrosponding amount for 1930. Stores specializing in men's and boys' clothing and furnishings numbered 57 with $\$ 1,553,700$ sales, a decrease of 18 per cent from 1930. There were 8.2 stores spacializing in Women's ard children's apparel and accossories, hats and furs or fur goods and sales for these last year were $\$ 2,191,000$ or about 3 per cont below the ? 930 ingure. The apparel group also includes 28 shoe stores with $\$ 750,400$ sales. Clothing and shoes are sold in department stcres as well as in specialty stores so that figures for the apparel group do not cover the iotal expenditures on clothing items.

The furniture and houschold Ercup comprisod 49 sitwes whose sales last year were $\$ 2,240,200$ or 27 ner cert below the 1930 figure. Porcen, is changes between the two yoars under reviow for individual lines of businoss within the goup show wide differences, due largely to changes in the classes of merchandico carríd by some firms, necessitating their transfer from one kind-oi-businoss classiflıcation to another for the two trade surveys. It must be remembered in this case also thet fuiniture, radios and electrical appliances are also sold in cepartment etores so that the sales shown for the furniture group do not represent the toval turnover in these comrodities.

Retail hardwere stores did $\$ 867,200$ worth of husiness last year, a decline of 18 per cent from 1930. There were 81 restaurants, cafeterins elid eat ny n?aces (exclusive of hotel dining rooms) and these did a total business valuec at $\$ 1,445,100$. Retail coal and wood yards did \$3,481,800 worth of business last year comnared with $\$ 3,477,000$ in 1930 . Drug stores numbered 71 with $\$ 1,542,900$ sales and there were 24 jewellery stiores with $\$ 797,500$ sales.

Chain Stores, -Chains transacted a smaller propo tion of the retail trade in Ottawa in 1936 than in former years. Jast year, 62 different chain store companies opert ated a total of 168 stores with $99,660,900$ sales. This amount formed 18.2 per cent of the total business of all retail stores. In 1930, there were '́9 dif ferent chain companies with 197 stores whose sales amounted to $\$ 2,505,100$ or 22,7 par cent of the total trade for that year.

In the food retailing field there were 5 chain companies in 1936 with 52 stores and $\$ 3,135,000$ sales and theso ransacted 33.4 per cent of the total business of all grocery, combination stores and meat markets combined. In 1930, there were 6 chains with 76 stores and $\$ 3,696,200$ sales and the ratio of chain to tota. sales was 37.1 per cent. Few ohain units of the purely grocery type remain, a gradual transition to the combination store type having taken place. There were 54 such stores in 1930 and these transacted 39.3 per cent of the businoss o: all grocery stores that year. In 1936 there were only 14 grocery chain units with 11.5 per cent of the total grocary store trade. On the other hand, the number of chain units of the combination store type increased from 22 in 1930 to 38 in 1936 although a similar devejonment in the indepenient stores resulted in a sight reduction in the chajin ratio for this typo from 56.2 per cont to 53.2 per cent.

Change from company-operated to leased-station type resulted in a decrease ar cent to 40.1 per cent in the proportion of filling atation business transfains. A further transfer of management to lessees in the late fall of 1936 oves filling stations from the chain store field.

Chains in the women's apparel and accessories group declined in importance, chain to total sales decreasing from 22.2 per cent in 1930 to 11.1 per cent last the variety atore continues a typical chain store organization.

The chain store classification includes the Ottawa stores of all organizations fperating four or more retail units exclusive only of department stores. All department stores are excluded from the chain easegory irrespective of the number of unita under one ownership or control.

There were 78 retail stores in Ottawa last year belonging to firms with two stores and there were 29 more belonging to three-store multiples. Together, these twoand three-store multiples had $\$ 7,068,300$ sales or 13.3 per cent of the total retail trade of the city. In 1930 these multiple firms transacted 17.5 per cent of the total business.

The position of voluntary chains in the city retail trade remains unchanged from 1930, a slight reduction in the number of single independint food atores belonging to these groups being offset by an increase in the number of drug stores. There were 51 single independent stores in voluntary chains in both years and the proportion of the total trade which they secured remained constant at 2.4 per cent.

In the grocery and combination store field single stores in voluntary chains accounted for 14.9 per cent of the total trade in 1930 compaied with 11.6 per cent last year. But there were also two multiple firms associated with joluntary chains in 1936 and, although sales for these cannot be disclosed, it is ovident that, were their sales combined with those of the aingle independents, the proportion of the food store business transacted by all stores belonging to these buying groups would show but little change.

The wide range in the extent of operetions of different stores is well known. There were 123 stores in Ottawa whose annual sales for 1936 were less than $\$ 2,500$ and there were 201 with sales between $\$ 2,500$ and $\$ 5,000$. At the other extreme in size, there were 13 large firms whose annual business exceeded half a million dollars. About onethird of all the stores do between $\$ 10,000$ and $\$ 30,000$ worth of business annually and these aocount for about 17.7 per cent of the total sales of all stores. The distribution acoording to size of business varies widely for different kinds of business. Details are given in the attachod tables.

Table 1.--Retail Merchandise Trade in Ottawa, by Kinds of Business, 1930 and 1936

| Kind of Business | Number of Stores |  | Not Salos |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1930 | 1936 | 1930 | 1936 | change |
| TOTAL, ALl STORES | 1,499 | 1,593 | $59,364,500$ | $53,024,600$ | $-11.0$ |
| Food Group | 678 | 668 | 123884,000 | 11,569,800 | - 6.6 |
| Bake shops and caterers (1) | 15 | 19 | 219,000 | 132,600 | - 39.5 |
| Candy and nut stores. | 10 | 9 | :13,800 | 157,600 | - 26.3 |
| Confectionery atores | 159 | 138 | 911,500 | 819,400 | - 10.1 |
| Dairy products dealers(2) | 5 | 4 | 258,900 | 108,400 | - 58.1 |
| Fruit and vegetable stores | 69 | 63 | 738,900 | 869,700 | $+17.7$ |
| Food stores | 410 | 418 | 9,964,600 | 9,394,300 | - 5.7 |
| Grocery stores (without meat) | 273 | 222 | 5,592,800 | 3,034,500 | - 45.7 |
| Combination stores (grocerios and meats) | 64 | 132 | 2,665,000 | 5,239,100 | + 96.6 |
| Mat and fish markets ................... | 73 | 64 | 1,706,800 | 1,120,700 | - 34.3 |
| Ice cream stores | - | 12 | - | 39,300 |  |
| Other lood stores | 10 | 5 | 77,300 | 48,500 | - 37.3 |
| General Merchandise Group | 37 | 29 | 12,715,500 | 10,255,900 | - 19.3 |
| Department stores | 10 |  | 10,136,300 | 7,909,200 | - 22.0 |
| Dry goods stores | 14 | 8 | 354,600 | 215,300 | - 39.3 |
| General merchandise stores |  | 3 | 276,000 | 105,200 | - 61.9 |
| Variaty storas | 6 | 10 | 1,948,600 | 2,026,200 | $+4.0$ |
| Automotive G | 121 | 146 | 8,707,800 | $7,637,900$ | $\pm 123$ |
| Motor vehicle dealers | 20 | 20 | 6,037,800 | 4,795,600 | - 20.6 |
| Aocessories, tires and batteries | 20 | 17 | 415,800 | 486,900 | + 17.1 |
| Garages (including sales and services) | 26 | 32 | 824,800 | 642,900 | - 22.1 |
| Filling stations | 52 | 75 | 1,353,200 | 1,686,800 | $+24.7$ |
| Other automotive establishments | 3 | 2 | 76,200 | 25,700 | - 66.3 |
| Apparel Group | 180 | 171 | 6,050,700 | 5,257,000 | - 13.1 |
| Men's and boys' clothing and furnishings ...... | 34 | 34 | 1,427,400 | 1,162,900 | - 18.5 |
| Custom tailors and made-to-measure clothing ... | 29 | 25 | 464,500 | 390,800 | - 15.9 |
| Family clothing stores ........................... | 10 | 9 | 889,000 | 761,900 | - 14.3 |
| Women's ready-to-wear stores ................... | 28 | 34 | 1,453,500 | 1,275,300 | - 12.3 |
| Hosiery, corsets and lingerie | 4 | 7 | 132,600 | 154,100 | $+16.2$ |
| Millinery stores | 22 | 26 | 138,200 | 135,500 | - 2.0 |
| Furriars - fur shops | 9 | 16 | 462,700 | 572,400 | $+23.7$ |
| Other apparel stores | 9 | 8 | 74,100 | 53,700 | - 27.5 |
| Shoe atores | 35 | 28 | 1,008,700 | 750,400 | - 25.6 |
| Building Materials Group | 47 | 57 | 2,836,300 | 2,039,000 | - 28.1 |
| Hardware stores | 18 | 20 | 1,053,400 | 867,200 | $-17.7$ |
| Lumber and building material doaler | 4 | $\bigcirc$ | i, 038,100 | 607,700 | (x) |
| Electrical shops (without radio) | 11 | 14 | 324,100 | 191,900 | (x) |
| Paint and glass stores | 14 | 17 | 420,700 | 372,200 | ( X ) |
| Furniture and Household | 44 | 49 | 3,058,200 | 2,240,200 | - 26.7 |
| Furniture stores | 9 | 14 | 538,900 | 820,300 | + 52.2 |
| Household appliance stores | 11 | 8 | 818,000 | 272,300 | - 66.7 |
| Other home furnishings and appliances | 12 | 17 | 353,800 | 374,300 | + 5.8 |
| Radio and music stores | 12 | 10 | 1,347,500 | 773,300 | - 42.6 |
| Restaurants, Cafeterias and Hating Places (4) | 73 | 81 | 1,627,300 | 1,445, 100 | - 11.2 |
| Other Retail Stores ................... | 288 | 357 | 12,070,700 | 12,440,600 | + 3.1 |
| Book stores and news dealers .. | 19 | 25 | 472,800 | 334,700 | -29.2 |
| Coal and wood yards (including ice) | 34 | 39 | 3,477,000 | 3,481,800 | $+\quad .1$ |
| Drug stores | 65 | 71 | 1,677,100 | 1,542,900 | - 8.0 |
| Florists | 10 | 13 | 319,400 | 250,500 | - 21.6 |
| Gifts, novelties, toys, cameras, etc. | 28 | 24 | 152,300 | 120,500 | - 20.9 |
| Jewellery etores .................................. | 28 | 24 | 1,017,200 | 797,500 | - 21.6 |
| Office, school and store supplies and equipment | 16 | 20 | 884,000 | 836,600 | - 5.4 |
| Sporting goods stores ... | 5 | 7 | 207,400 | -28,900 | $+10.4$ |
| Tobacco stores and stands ................... | 44 | 44 | 736,300 | 601,600 | - 18.3 |
| Mícollanoous clasaifications (combined) (5) | 61 | 110 | 3,127,200 | 4,245,600 | $+35.8$ |
| Secondhand Group . | 31 | 29 | 114,000 | 139 | + 22.0 |

$\left(\begin{array}{l}1 \\ 2\end{array}\right.$ In addition, retail asales of manufacturers' bakeries totalled $\$ 1,410,520$ in 1936 :
(2) In addition, retail sales or manufacturing dairies and producer-distributors of dairy products totalled $\$ 2,160,400$ in 1936. (Comparable figures for 1930 are not available.)
(3) In addition, there were 44 service garages with $\$ 364,200$ receipts in 1930 and 60 similar establishments with $\$ 351,600$ roceipts in 1936.
(4) Exclusive of hotel dining rooms or cafeterias.
(For addriional notes, see next page)

Footnotes to Table 1 (Continued) --
(5) Jecludes Government liquor stores, retail seles of breweries and brewers' werehouses in addition to a number of other lines of trade. Figures for 1936 also inolude sales of beverage rooms operated in conjunction with hotels.
(X) Due to difference in methods of reporting in the two years, sales for 1930 and 1936 for this classification are not strictly comparable.
Note: The reclassification of a fow firms as between retailers and other types of business has necessitated some minor changes in the 1930 figures from those given in the Census Report for 1931.

Table 2.--Summary of Retail Chains, by Kinds of Business, 1930 and 1936

| Kind of Businoss | Number <br> of Chains | Number of Chain Stores | Chain Sales | Total Saleb, All Store: | ```Ratio Chain Sales to Total Sales``` |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 230 |  |  |  |
| TOTAL, ALI CHAINS | 69 | 197 | 13,505,100 | 59,564,500 | 22.7 |
| Food store chains(1) | 6 | 76 | 3,696,200 | 9,964,600 | 37.1 |
| Variety store chains ............. | 4 | 6 | 1,948,600 | 1,948,600 | 100.0 |
| Filling station chains(2) ....... | 9 | 41 | 964,100 | 1,353,200 | 71.3 |
| Women's apparel and accessorios chains (3) | 7 | 8 | 501,200 | 2,261,100 | 22.2 |

1936

| TOTAL, ALL CHAINS ...... | 62 | 168 | 9,660,900 | 53,024,600 | 18.2 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Food store chains (1) | 5 | 52 | 3,235,000 | 9,394,300 | 33.4 |
| Varioty store chains | 6 | 10 | 2,026,200 | 2,026,200 | 100.0 |
| Filling station chains(2) ....... | 6 | 30 | 675,600 | 1,686,800 | 40.1 |
| Women's apparel and accessories chains(3) ......................... | 4 | 5 | 242,500 | 2,191,000 | 11.1 |

(1) Includes grocery stores, combination stores and meat and fish markets.
(2) Figures in this classification relate only to company-operated retail stations. Leased stations are not included.
(3) Includea all stores specializing in women's apparel and accossories.
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$\qquad$

| Type of Operation | 1930 |  |  | 1236 |  |  | Per CentChangein Sales1930-1936 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { itores } \end{gathered}$ | Net Sales |  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { Stores } \\ & \hline \end{aligned}$ | Net Sales |  |  |
|  |  | Amount | Per cent of toউal |  | Amount | Per cent of total |  |
| TOTAL, ALL STORES | 49 | $\begin{gathered} \$ \\ 59,564,500 \\ \hline \end{gathered}$ | 100,0 | 12592 | $53.024 .600$ | 1.00 .0 | $-11.0$ |
| Single store independents ................ | 1,142 | 34,055,900 | 57.2 | 1,267 | 35,018,800 | 66.0 | + 2.8 |
| Single stores (voluntary chains)....... | 51 | 1.456,000 | 2.4 | 1 | 1,276, 100 | 2.4 | - 12.3 |
| Two-store multiples(l) | 78 | 5,0< 1.000 | 8.4 | 78 | 2,122,1.00 | 5.1 | - 45.8 |
| Three-store multiples(1).............. | 23 | 5,410,200 | 9.1 | 29 | 4,346,200 | 8.2 | - 19.8 |
| Corporate Chains, Total | 197 | 13,505,200 | $2 ? .7$ | 168 | 2,660,900 | 18.3 | -28.5 |
| Local chains .... Provincial chains Sectional chains. Naticnal chains. | $\begin{aligned} & 24 \\ & 27 \\ & 50 \\ & 78 \end{aligned}$ | $\begin{array}{r} 941,700 \\ 3,324,800 \\ 3,031,000 \\ 5,199,700 \end{array}$ | 6.6 5.6 $5 . j$ 8.7 | $\begin{aligned} & 29 \\ & 23 \\ & 45 \\ & 50 \end{aligned}$ | $\begin{array}{r} 551,200 \\ 2,325,700 \\ 1,868,500 \\ 4,147,400 \end{array}$ | 1.1 4.4 3.5 7.8 | - 41.5 <br> - 30.0 <br> - 38.4 <br> - 20.2 |
| Manufactureroontosicec a...ate | 18 | 1,007,900 | 1.7 | 25 | 768,100 | 1.5 | - 23.8 |
| Other types of pperation | $\bigcirc$ | 108.300 | . 2 | - |  |  | - |

(1) In 1936 one two-store multiple and $0: 2 \theta$ three-store multipie were also associated with voluntary chains.

Table 4.--Grocery and Combination Stores in Ottave. by Typas of Operstion, 1930 and 1936

| Kind of Business and Type of Operation | Nat Seios |  |  |  | 936 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Number } \\ & \text { of } \\ & \text { stores } \end{aligned}$ | Amount | $\left[\begin{array}{c}\text { Por } \\ \text { cent } \\ \text { of } \\ +2 a z\end{array}\right.$ | $\left\lvert\, \begin{gathered} \text { Averge } \\ \text { sales } \\ \text { por } \\ \text { stope } \end{gathered}\right.$ | $\left\lvert\, \begin{gathered} \text { Number } \\ \text { of } \\ \text { toros } \end{gathered}\right.$ | amount | Por cont $a a^{2}$ total | $\begin{aligned} & \text { Average } \\ & \text { meles } \\ & \text { per } \\ & \text { store } \\ & \hline \end{aligned}$ |
| Grocery and Combination Stores | 337 | \% 7,800 | 10.0 | 24.504 | 354 | ¢ $8,273,600$ | 100.0 |  |
| Single store independents | 197 | 2, 91.5:400 | 35.3 | 14, | 230 | 3,255,700 | 39.4 | 14,155 |
| Single stores, voluntary chains | 45 | 1,231,300 | 14.9 | 2?,362 | 37 | 903, 00 | 11.6 | 26,032 |
| Two- or three-store multiples(1) ..... | 19 | 414,:00 | 5.0 | 21,837 | 35 | 919,700 | 11.1 | 26,277 |
| Corporate chains | 75 | 3,696,200 | 44.8 | 48,634 | 52 | 3,135,000 | 37.9 | $60,288$ |
| Grocery | 273 | 5,592 | 100 | 20,486 | 222 | 3,034,500 | 100.0 | 62 |
| Single store independents | 172 | 2,212,400 | 39.6 | 12,863 | 179 | 2,008,700 | 66.2 | 11,222 |
| Single stores, voluntary chains ...................... | 41 | 1,073,000 | 19.2 | 26,171 | 24 | 554,200 | 18.3 | 23,092 |
| Two or three-store multiples | 6 | 109,300 | 1.9 | 18,217 | 5 | 123,300 | 4.0 | 24,660 |
| Corporate chains | 54 | 2,198,100 | 39.3 | 40,706 | 7.4 | 348,300 | 11.5 | 24,879 |
| Combination Stores | 64 | 2,665,000 | 100.0 | 41.641 |  | 5,239,100 | 100.0 | 39,690 |
| Single store independents | 25 | 703,000 | 26.4 | 28,120 | , | 1,247,000 | 23.8 | 24,451 |
| Single stores, voluntary chains ................... | 4 | 158,300 | 5.9 | 39,57 | 13 | 409,000 | 7.8 | 31,462 |
| Two- or three-store multiples(1) ..... | 13 | 305,600 | 11.5 | 23,50.9 | 20 | 796,400 | 15.2 | 26,547 |
| Corporate chains ......... | 22 | 1,493,100 | 56.2 | 68,095 | 38 | 2,786,700 | 53.2 | 73,334 |

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[^1]山ilimiin


[^0]:    (1) Figures for 1936 include two multiple firms belonging to voluntary chains.

[^1]:    (1) In a few instances, asles ere reported for groups of establishments rather than for individuel unite. Such establishments are excluded from the above classification according to amount of sales.

