OFFICE OF NATIONAL RECOVERY ADMINISTRATION

DIVISION OF REVIEW

EVIDENCE STUDY NO. 42

OF THE

WHOLESALE AND RETAIL FOOD INDUSTRY

By

THE INDUSTRY STATISTICS UNIT

February, 1936

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DIVISION OF REVIEW

THE EVIDENCE STUDY SERIES

The EVIDENCE STUDIES were originally planned as a means of gathering evidence bearing upon various legal issues which arose under the National Industrial Recovery Act.

These studies have value quite aside from the use for which they were originally intended. Accordingly, they are now made available for confidential use within the Division of Review, and for inclusion in Code Histories.

The full list of the Evidence Studies is as follows:

1. Automobile Manufacturing Ind.
2. Boot and Shoe Mfg. Ind.
3. Bottled Soft Drink Ind.
4. Builders' Supplies Ind.
5. Chemical Mfg. Ind.
6. Cigar Mfg. Industry
7. Construction Industry
8. Cotton Garment Industry
9. Dress Mfg. Ind.
10. Electrical Contracting Ind.
11. Electrical Mfg. Ind.
12. Fabricated Metal Prod. Mfg. etc.
13. Fishery Industry
14. Furniture Mfg. Ind.
15. General Contractors Ind.
16. Graphic Arts Ind.
17. Gray Iron Foundry Ind.
18. Hosiery Ind.
19. Infant's & Children's Wear Ind.
20. Iron and Steel Ind.
21. Leather Industry
22. Lumber & Timber Prod. Ind.
23. Mason Contractors Industry
24. Men's Clothing Industry
25. Motion Picture Industry
26. Motor Bus Mfg. Industry (DROPPED)
27. Needlework Ind. of Puerto Rico
28. Painting & Paperhanging & Decorating
29. Photo Engraving Industry
30. Plumbing Contracting Industry
31. Retail Food (See No. 42)
32. Retail Lumber Industry
33. Retail Solid Fuel (DROPPED)
34. Retail Trade Industry
35. Rubber Mfg. Ind.
36. Rubber Tire Mfg. Inc.
37. Silk Textile Ind.
38. Structural Clay Products Ind.
39. Throwing Industry
40. Trucking Industry
41. Waste Materials Ind.
42. Wholesale & Retail Food Ind.(See No.31)
43. Wholesale Fresh Fruit & Veg.

In addition to the studies brought to completion, certain materials have been assembled for other industries. These MATERIALS are included in the series and are also made available for confidential use within the Division of Review and for inclusion in Code Histories, as follows:

44. Wool Textile Industry
45. Automobile Parts & Equipment Ind.
46. Baking Industry
47. Canning Industry
48. Coat and Suit Ind.
49. Household Goods & Storage etc.(DROPPED)
50. Motor Vehicle Retailing Trade Ind.
51. Retail Tire & Battery Trade Ind.
52. Ship & Boat Bldg. & Repairing Ind.
53. Wholesaling or Distributing Trade

L. C. Marshall
Director, Division of Review

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THE WHOLESALE AND RETAIL FOOD AND GROCERY TRADE

(Codes Nos. 182 and 196)

GENERAL NOTES

The vast amount of data pertaining to the Wholesale and Retail Food and Grocery Trade differs widely according to the compiler's conception of the Industry. The material presented here is limited as nearly as possible to the fields covered by the two Codes Nos. 182 and 196. It in no way exhausts the sources of pertinent information, but it does present in compact form a great deal of carefully compiled and applicable data. For simplicity's sake, the figures have been drawn almost entirely from authentic Census sources.

Wholesale Food and Grocery Trade

Definition of the Industry

The term, "Wholesale Food and Grocery Trade," as defined by Code No. 196, includes

> ". . . all selling or supplying to retailers, industrial buyers, restaurants, or institutions, or the selling on the part of one wholesaler to another of food and/or grocery products, but shall not include the selling or supplying of meat products (except in cans), fish or the selling or supplying of fresh fruit and produce, and provided further the term shall not include the selling or supplying of any food or grocery product which is now or may hereafter be governed by a separate code."

Sources

Most of the data presented in the following tables have been taken from the United States Census of Wholesale Distribution. In 1933, establishments with annual sales of less than $1,000 were not covered by the Census canvass, while in 1929 all establishments were included. For this reason, Census data for 1929 and 1933 are not strictly comparable.

The difference would materially affect the number of establishments but would have a negligible influence on the volume of business. Some of the detailed breakdowns published for 1929 are not available for 1933; consequently it is not always possible to present similar data for the two years.

The price data are U. S. Bureau of Labor Statistics material.

Comparability of Code and Census Classifications

Code No. 458 covers Wholesale Confectioners separately. Therefore, the industry subject to Code No. 196 is comparable to the Census classification, "Groceries and Food Specialties." In the 1933 Census, the classifications are somewhat different and it is necessary to combine "Groceries (general line)" and "Other food and grocery specialties" in order to get a comparable group.

Importers and exporters are included in the Census classification; there is some question as to whether or not they are covered by the Code. There is a separate code (No. 487) for the Importing Trade. However, whether a firm is subject to the Wholesale Food and Grocery Code or to the Importing Code is determined by the proportion of strictly wholesaling and strictly importing business that it does. There is no way of knowing exactly how many importing establishments operate under each code, but is likely that about 50 per cent of them come under the Wholesale Food and Grocery Code. There has never been any definite interpretation of the Code with regard to exporters. It is assumed that, being wholesalers and not subject to any other separate code, they would be included; though they might be exempted from the trade practice provisions. Because of the practical impossibility of determining what portion of exporters and importers to exclude from the Code, and also because together they constitute such a small portion of the total (3 per cent of the establishments, 3.7 per cent of the net sales, and 2.4 per cent of the employees in 1929), it has seemed best to include them in the data presented here.

Trade Association

According to the testimony of Mr. M. L. Toulme at the Code Hearing on October 6, 1933, the most representative trade association is the National-American Wholesale Grocers' Association. This organization is a merger of the National and the American Wholesale Grocers' Associations, and has 1,798 dues-paying members representing every state in the Union.

Retail Food and Grocery Trade

Definition of the Industry

According to Code No. 182 the term "Retail Food and Grocery Trade" shall mean

> ". . . all selling of food and/or grocery products to the consumer and not for purposes of resale in any form, but shall not include the selling of food in restaurants for consumption upon the premises, or the selling of confections in confectioners' stores, or the selling of milk or its products by delivery from house to house upon regular routes, or the selling of bakery products in bakery stores. It is provided, further, that the term shall not include the selling of any food or grocery product which is now or may hereafter be governed by a separate code."

A retail food and grocery establishment is defined as

> "... . any store, department of a store, shop, stand, or other place where a food and grocery retailer carries on business other than those places where the principal business is the selling at retail of products not included within the definition of retail food and grocery trade."

Sources

Practically all of the data in the following tables have been compiled from the U. S. Census of Retail Distribution in 1929 and 1933. Some of the figures have been gleaned from Dun and Bradstreet and the Bureau of Labor Statistics. All sources are clearly indicated in the footnotes.

Comparability of Code and Census Classifications

Since the Retail Meat Trade is covered by a separate code, the industry subject to Code No. 182 corresponds fairly well with the sum of the two Census classifications, "Grocery Stores (without meats)" and "Combination Stores (meat and grocery)" -- with two minor qualifications:

1. Under the Code, all grocery departments in department stores are included. However, no data on such departments are available and consequently no attempt has been made to adjust the Census totals to include them. Their effect on the total would probably be negligible.

2. The Industry as defined by the Code includes delicatessen stores. The Census gives separate data for delicatessen stores in 1929, but not in 1933. Therefore, in order to keep the data for the two years comparable, delicatessen stores have not been included in either year. In 1929, the inclusion of delicatessen stores would have made a difference in the totals of 3.6 per cent in number of establishments, 2.5 per cent in number of employees, and 2.6 per cent in net sales.

Adjustment for Exclusion of Small Towns

To make the Census classifications more nearly fit the Code coverage, a further adjustment is necessary. Under Executive Order #6354, all places having a population of 2,500 or less are exempt from the Retail Food and Grocery Code. Statistical data on retail trade for this group are very limited. The estimates used in the Statistics Unit computations are based on all pertinent Census data that are available and on the following assumptions:

1. That the ratios of stores and of sales in places of 2,500 or less to all stores and all sales respectively were the same in 1933 as in 1929. Census figures show that this was true of places of 10,000 or less.

2. That the ratio of grocery stores and combination stores (meats and groceries) to all food stores was the same in places of 2,500 or less as in places of 10,000 or less. This applied to both number of stores and net sales.

3. That the average number of employees (full-time and part-time) per establishment was the same in places of 2,500 or less as in places of 10,000 or less; that this ratio was slightly lower in 1933 than in 1929.

The estimates made under these assumptions are:

	1929	1933
Number of stores in places of 2,500 or less	27% of all stores	27% of all stores
Net sales in places of 2,500 or less	17% of all sales	17% of all sales
Number of employees in places of 2,500 or less	1.1 per establishment	1 per establishment

Where data have been adjusted as explained above, the fact is noted. If no adjustment is noted, the figures include all places.

Labor Data

While the Census furnishes information on employment and aggregrate wage payments, there is no source of information on wage rates and hours of labor. The Industry Statistics Unit has computed, from a Bureau of Labor Statistics sample, an average weekly earnings figure of $19.23 in 1934.

Financial Failures

Adequate data on failures in the Retail Food and Grocery Trade as defined by the Code do not exist. However, Dun and Bradstreet (Current Analysis of Insolvency Trends, February 28, 1935, p. 10) estimates 1,465 failures in 1934 among the establishments under the Retail Food and Grocery Code.

TABLE I

WHOLESALE FOOD AND GROCERY TRADE
General Statistics, 1929

Type of Wholesaler	Number of Establishments	Net Sales (Thousands of Dollars)	Number of Employees				Salaries and Wages (Thousands of Dollars)	Total Expenses (Thousands of Dollars)
			Total	Salesmen	Executives	All Other		
Total, All Types a/	13,618	9,118,641	187,766	51,114	7,591	129,061	320,105	677,246
*Agents and Brokers	1,851	1,751,994	7,514	2,803	682	4,029	17,766	34,260
*Cash-and-Carry Wholesalers	362	101,188	1,414	281	99	1,034	2,212	4,563
*Chain-Store Warehouses	234	1,457,408	16,819	—	462	16,357	24,195	50,795
Exporters b/	66	85,831	698	185	51	462	1,378	3,563
Importers b/	335	252,177	3,833	1,035	278	2,520	7,782	16,686
Manufacturers' Sales Branches	2,315	1,480,162	39,059	19,592	1,081	18,386	72,233	201,558
*Wholesale Merchants (General Line)	4,776	2,660,450	83,048	15,809	3,411	63,828	134,356	241,648
*Wholesale Merchants (Specialty)	3,149	901,863	25,023	7,821	1,296	15,906	43,877	91,787
*Wagon Distributors	178	18,999	924	553	45	326	1,660	2,929
All Other Types c/	352	408,569	9,434	3,035	186	6,213	14,645	29,458

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929, Table 6, p. 34.

a/ In 1933 the totals (not strictly comparable) were:

Number of Establishments - 14,906
Net Sales - $6,014,005,000
Average Full-Time Employees - 155,122
Total Payroll (Full-Time and Part-Time) - $233,849,000
Total Expenses - $521,229,000

b/ See text, p. 2.

c/ Includes 113 assemblers and country buyers with net sales of $14,425,591; 117 wholesaling manufacturers, $32,348,365; 31 district and general sales offices, $137,797,528; 28 cooperative marketing associations, $24,317,610; 19 purchasing agents and resident buyers, $125,531,513; 19 drop shippers, $5,768,346; 14 distributing warehouses, $7,583,984; 4 export agents, $284,361; 3 import agents, $693,902; 2 cooperative sales agencies; 1 auction company; and 1 mail-order wholesaler.

* Under Code for Wholesale Food and Grocery Trade, No. 196.

Prepared by:
Industry Statistics Unit
Statistics Section
Division of Review, NRA

TABLE II

WHOLESALE FOOD AND GROCERY TRADE
Number of Establishments and Net Sales of Wholesale Grocers in 1929, and Number of Establishments in 1933, by States a/

State	1929 Number of Establishments	1929 Net Sales (Millions)	1933 Number of Establishments
Total	13,994	$9,537	14,906
Alabama	260	90	256
Arizona	62	27	b/
Arkansas	249	92	242
California	898	713	1,125
Colorado	164	78	137
Connecticut	140	72	124
Delaware	20	5	17
District of Columbia	46	52	60
Florida	274	104	245
Georgia	388	195	344
Idaho	52	20	b/
Illinois	766	627	968
Indiana	280	128	303
Iowa	231	141	246
Kansas	160	82	198
Kentucky	227	108	237
Louisiana	295	247	390
Maine	85	43	67
Maryland	203	168	231
Massachusetts	485	375	447
Michigan	558	359	591
Minnesota	241	209	301
Mississippi	206	75	232
Missouri	482	401	519
Montana	82	30	81
Nebraska	112	88	155
Nevada	7	2	b/
New Hampshire	47	11	34
New Jersey	208	177	226
New Mexico	39	15	b/
New York	1,852	2,110	1,555
North Carolina	373	120	398
North Dakota	54	26	54
Ohio	620	471	730
Oklahoma	251	111	319
Oregon	142	68	138
Pennsylvania	986	681	993
Rhode Island	61	46	57
South Carolina	205	52	211
South Dakota	59	21	79
Tennessee	277	159	280
Texas	695	337	823
Utah	63	30	87
Vermont	29	12	28
Virginia	320	139	320
Washington	250	168	281
West Virginia	176	70	192
Wisconsin	285	174	369
Wyoming	29	8	b/

Source: Bureau of the Census, Wholesale Distribution, 1929, Vol. II, Table 3; 1933, "U. S. Summary," Table 2, and Vols. II-VII, Table 2-A. Net sales data not available by states in 1933; total for U. S. in 1933 is $6,014,000,000.

a/ Covers "Groceries (General Line)" and "Food and Grocery Specialties." All types of wholesalers.

b/ Not available.

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Division of Review, NRA

TABLE III

WHOLESALE FOOD AND GROCERY TRADE
Geographical Distribution of Wholesalers
in Food and Grocery Trade, 1929 a/

State	Number of Establishments	Number of Employees b/	Salaries and Wages (Thousands of Dollars)	Net Sales Amount (Thousands of Dollars)	Net Sales Per Cent of Total	Population Distribution by Per Cent
United States c/	9,085	112,527	196,886	4,206,718	100.0	100.0
Alabama	189	1,739	2,770	64,429	1.5	2.2
Arizona	41	488	888	17,202	0.4	0.4
Arkansas	205	2,046	3,205	70,463	1.7	1.5
California	564	7,414	12,497	348,661	8.3	4.6
Colorado	83	1,183	2,131	47,051	1.1	0.8
Connecticut	95	969	1,690	29,320	0.7	1.3
Delaware	12	150	272	4,033	0.1	0.2
District of Columbia	24	302	521	10,430	0.2	0.4
Florida	169	1,466	2,412	51,862	1.2	1.2
Georgia	269	2,258	3,267	90,745	2.2	2.4
Idaho	32	320	570	14,331	0.3	0.4
Illinois	484	8,912	17,047	237,644	5.6	6.2
Indiana	175	1,936	3,256	65,209	1.6	2.6
Iowa	126	2,423	3,987	80,913	1.9	2.0
Kansas	100	1,722	2,752	53,184	1.3	1.5
Kentucky	181	1,891	2,781	58,110	1.4	2.1
Louisiana	222	2,530	3,998	132,130	3.2	1.7
Maine	55	766	1,200	22,940	0.5	0.6
Maryland	123	2,193	3,000	58,026	1.4	1.3
Massachusetts	293	3,430	6,460	153,401	3.7	3.5
Michigan	343	3,377	5,999	138,825	3.3	3.9
Minnesota	135	2,205	3,594	68,315	1.6	2.1
Mississippi	163	1,751	2,603	66,828	1.6	1.6
Missouri	290	5,158	8,843	154,169	3.7	3.0
Montana	51	742	1,127	22,991	0.5	0.4
Nebraska	65	1,676	3,017	53,507	1.3	1.1
Nevada	6	33	60	1,839	d/	0.1
New Hampshire	29	312	482	9,213	0.2	0.4
New Jersey	143	2,071	4,552	81,970	2.0	3.3
New Mexico	26	297	551	11,375	0.3	0.3
New York	1,151	13,821	29,823	685,767	16.3	10.3
North Carolina	299	1,761	2,600	73,714	1.8	2.6
North Dakota	40	700	1,184	22,712	0.5	0.6
Ohio	360	5,313	9,225	162,446	3.9	5.4
Oklahoma	179	1,935	3,220	70,087	1.7	2.0
Oregon	73	787	1,092	36,086	0.9	0.8
Pennsylvania	667	8,027	13,898	246,993	5.9	7.8
Rhode Island	41	305	492	12,277	0.3	0.6
South Carolina	153	990	1,355	39,413	0.9	1.4
South Dakota	47	522	925	18,383	0.4	0.6
Tennessee	180	2,196	3,579	83,426	2.0	2.1
Texas	486	5,571	8,848	205,811	4.9	4.7
Utah	31	379	613	17,035	0.4	0.4
Vermont	17	245	378	11,216	0.3	0.3
Virginia	208	1,910	2,729	60,665	1.4	2.0
Washington	146	1,872	3,618	92,937	2.2	1.3
West Virginia	114	1,417	2,667	49,000	1.2	1.4
Wisconsin	178	2,765	4,777	84,179	2.0	2.4
Wyoming	18	141	280	6,783	0.2	0.2

Source: Bureau of the Census, Wholesale Distribution, 1929, "U. S. Summary," Table 2; Vol. II, Table 2. Census of Population, 1930.

a/ "Wholesalers Only." Included in this group are: wholesale merchants and jobbers, exporters, importers, cash-and-carry wholesalers, drop shippers, mail order wholesalers, wagon distributors and distributing warehouses.

b/ Proprietors not included.

c/ The totals in 1933 (not strictly comparable) were:

Number of establishments - 10,434
Net sales - $2,447,856,000
Average full-time employees - 100,688
Total payroll (full-time and part-time) - $139,211,000
Total expenses - $282,769,000

d/ Less than 0.05 per cent.

Note: The state figures do not check with the totals reported by the Census. Presumably this is on account of omissions to avoid disclosures. The sums of the state figures fall short of the reported U. S. totals as follows:

Number of establishments - 4
Number of employees - 110
Salaries and wages - $51,000
Net sales - $8,672,000

Prepared by:
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Statistics Section
Division of Review, NRA

TABLE IV

WHOLESALE FOOD AND GROCERY TRADE
Distribution of Sales of 40, 431 Manufacturing Establishments Producing Grocery Items in 1929

Type of Establishment	Amount a/ (In Thousands)	Per Cent of Total
Total	$7,994,433	100.0
* Wholesalers	3,317,690	41.5
Manufacturers' Wholesale Branches	1,279,109	16.0
* Chain Store Warehouses	991,310	12.4
Retailers	975,321	12.2
Industrial Consumers	655,543	8.2
Home Consumers	447,688	5.6
Manufacturers' Retail Branches	327,772	4.1

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929, pp. 18 and 19.

a/ Total amount is 11.4 per cent of value of products of all manufacturing industries.

* Under Code for Wholesale Food and Grocery Trade, No. 196.

Prepared by:
Industry Statistics Unit
Statistics Section
Division of Review, NRA

TABLE V

WHOLESALE FOOD AND GROCERY TRADE
Sales to Wholesalers by Selected Industries
Producing Grocery Items, 1929

Industry	Number of Establishments	Value of Products Distributed by all Types of Outlets a/ (Thousands of Dollars)	Sales to Wholesalers b/ Amount (Thousands of Dollars)	Sales to Wholesalers b/ Per Cent of Total Volume
Total	40,431	7,994,433	3,317,690	41.5
Baking powder, yeast, etc.	48	52,337	19,836	37.9
Beverages	5,154	270,324	71,366	26.4
Biscuits and crackers	375	278,915	23,429	8.4
Bluing	20	1,365	1,304	95.5
Bread and other bakery products (except biscuits and crackers)	16,016	1,186,990	87,837	7.4
Brooms	407	19,166	11,346	59.2
Butter	3,213	865,288	342,654	39.6
Canning and preserving (fish and sea foods)	299	76,280	64,685	84.8
Canning and preserving (fruits and vegetables)	2,997	744,610	503,356	67.6
Cereal preparations	121	175,223	157,175	89.7
Cheese	2,352	120,703	92,217	76.4
Chewing gum	37	60,160	51,798	86.1
Chocolate and cocoa products	51	109,731	72,185	66.0
Cleaning and polishing compounds	429	50,989	29,727	58.3
Coffee and spices, roasting and grinding	925	441,081	94,832	21.5
Condensed and evaporated milk	535	293,035	124,247	42.4
Confectionery	2,021	399,532	217,345	54.4
Corn products (syrup, sugar, oil, starch)	35	165,984	91,291	55.0
Flavoring extracts and syrups	642	130,202	81,637	62.7
Flour and other grain-mill products	2,495	1,003,612	404,456	40.3
Lard substitutes and vegetable oils	40	152,842	20,787	13.6
Macaroni, spaghetti, etc.	353	47,074	25,467	54.1
Malt	28	23,603	5,452	23.1
Matches	21	20,351	5,006	24.6
Nuts, processed	169	49,609	36,711	74.0
Oleomargarine	41	46,522	24,796	53.3
Rice (cleaning and polishing)	60	48,794	44,012	90.2
Salt	58	37,869	14,352	37.9
Soap	282	310,192	141,137	45.5
Sugar, beet	82	98,636	92,619	93.9
Sugar, cane - domestic	70	17,368	7,625	43.9
Sugar, cane - refining of imported raw	21	507,389	270,438	53.3
Vinegar and cider	172	11,014	7,875	71.5
Food preparations, not elsewhere classified	862	177,643	78,696	44.3

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929.

a/ Total value is 11.4 per cent of value of products of all manufacturing industries.

b/ Wholesalers, in this sense, include wholesale merchants and jobbers of the typical service type, cash-and-carry wholesalers, wagon distributors, exporters, and other independent wholesale dealers of the merchant variety. This group is under the Code for the Wholesale Food and Grocery Trade. Chain Store Warehouses, also covered by the Code, distributed, in 1929, 12.4 per cent of the sales of all manufacturers, but a breakdown by individual industries is not available.

Prepared by:
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Statistics Section
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TABLE VI

WHOLESALE FOOD AND GROCERY TRADE
Commodities Handled by Three Types of Wholesale Establishments in the Food and Grocery Trade a/

Commodity	Per Cent of Total Commodity Sales		
	Wholesale Merchants (General Line)	Wholesale Merchants (Specialty)	Chain Store Warehouses
Total	100.0	100.0	100.0
Bakery Products	0.7	5.0	4.5
Canned Goods	18.8	16.6	6.4
Cigars, Cigarettes and Tobacco	6.0	0.2	4.6
Confectionery and Soft Drinks	7.1	0.7	2.1
Dairy Products and Eggs	3.9	4.2	11.4
Fish and Sea Foods	0.3	0.2	0.3
Fruits and Vegetables (Fresh and Dried)	4.6	8.1	12.0
Groceries	47.3	53.5	48.8
Meats and Meat Products	1.3	0.8	4.3
Soaps and Toilet Preparations	3.0	1.1	1.1
All Other Commodities	7.0	9.6	4.5

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929, p. 54.

a/ All three types of wholesalers listed here are under the Code for the Wholesale Food and Grocery Trade.

Prepared by:
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Statistics Section
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TABLE VII

WHOLESALE FOOD AND GROCERY TRADE
Number of Chain Store Warehouses, by States, and Net Sales of Chain Store Warehouses in Selected States, 1929 and 1933 a/

State	1929 Number	1929 Net Sales (Thousands of Dollars)	1933 Number	1933 Net Sales (Thousands of Dollars)
U. S. Total	233	1,527,122	266	1,138,131
Alabama	5		2	
Arizona	1		b/	
Arkansas	2		2	
California	14	36,824	23	b/
Colorado	-		4	
Connecticut	2		3	
Delaware	-		-	
District of Columbia	3		3	
Florida	9		8	
Georgia	4		3	
Idaho	1		1	
Illinois	15	149,597	13	b/
Indiana	3		8	
Iowa	2		2	
Kansas	2		3	
Kentucky	3		4	
Louisiana	1		1	
Maine	1		2	
Maryland	3		3	
Massachusetts	11	79,305	9	b/
Michigan	11	129,361	8	60,068
Minnesota	5		3	
Mississippi	1		4	
Missouri	8	49,941	12	48,364
Montana	-		2	
Nebraska	1		2	
Nevada	-		-	
New Hampshire	-		-	
New Jersey	3		6	
New Mexico	-		-	
New York	42	286,027	28	170,229
North Carolina	2		6	
North Dakota	1		1	
Ohio	18		15	
Oklahoma	3		4	
Oregon	1		5	
Pennsylvania	13		13	
Rhode Island	3		-	
South Carolina	-		-	
South Dakota	1		1	
Tennessee	8		6	
Texas	11	28,382	19	b/
Utah	-		3	
Vermont	-		-	
Virginia	7		6	
Washington	3		4	
West Virginia	4		8	
Wisconsin	5	45,954	3	b/
Wyoming	-		-	
Total, 8 States	117	805,391	115	b/
Total, All Other	116	721,731	151	b/

Source: Bureau of the Census, Wholesale Distribution, 1929, Vol. II, Tables 5 and 6; 1933, "U. S. Summary," Table 2-B, and Vols. II to VII, Tables 2-A and 2-B.

a/ All data cover Groceries and Food Specialties.

b/ Not available.

Prepared by:
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TABLE VIII

WHOLESALE FOOD AND GROCERY TRADE
Sales-Territory Radius Reported by Wholesalers in the Wholesale Food and Grocery Trade in Eighteen Cities, 1929 a/

City	Number of Establishments	Net Sales: Amount (Thousands of Dollars)	Net Sales: Per Cent of U. S. Total	Per Cent of Net Sales Made by Establishments in the Following Territories, as Measured from their Headquarters: Up to 75 Miles	76 to 150 Miles	151 to 250 Miles	251 to 500 Miles	Over 500 Miles: But not Nation Wide	Over 500 Miles: Nation Wide	All Other b/
U. S. Total	4,776	2,660,450	100.0	--	--	--	--	--	--	--
Total for 18 Cities	632	611,380	23.0	44.7	7.3	10.7	11.4	14.2	9.2	2.5
New York	153	123,368	4.6	47.3	--	0.7	4.9	33.6	12.5	1.0
Chicago	64	90,417	3.4	28.4	4.2	0.9	3.0	23.1	40.4	--
Philadelphia	51	46,074	1.7	77.3	9.8	5.2	4.3	--	3.4	--
Detroit	29	22,799	0.9	96.1	3.3	--	0.6	--	--	--
Los Angeles	45	51,516	1.9	51.5	5.6	18.8	23.7	0.4	--	--
Cleveland	13	23,333	0.9	11.2	10.2	3.5	75.1	--	--	--
St. Louis	28	31,545	1.2	35.6	7.2	38.1	9.0	5.1	5.0	--
Baltimore	29	17,178	0.6	71.1	4.0	7.3	17.6	--	--	--
Boston	31	14,814	0.6	46.6	17.1	10.0	--	26.3	--	--
Pittsburgh	29	24,124	0.9	68.6	24.1	2.8	4.5	--	--	--
San Francisco	40	53,741	2.0	26.1	11.9	8.6	28.4	22.9	2.1	--
Milwaukee	27	24,742	0.9	27.5	9.6	46.8	16.1	--	--	--
Buffalo	18	12,336	0.5	59.6	40.4	--	--	--	--	--
New Orleans	24	16,032	0.6	53.3	9.0	1.9	19.1	--	--	16.7
Seattle	21	25,254	0.9	9.6	4.1	42.0	0.1	--	--	44.2
Denver	7	16,236	0.6	0.2	10.6	50.8	--	38.4	--	--
Atlanta	15	6,579	0.2	100.0	--	--	--	--	--	--
Dallas	8	11,292	0.4	89.1	10.9	--	--	--	--	--

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929, Tables 11, 12 and 13.

a/ Wholesalers represented here are those handling a general line of grocery items and selling mainly to retail stores.

b/ Includes establishments engaged in foreign trade, in domestic and foreign trade, and a few establishments that did not report the sales territory covered. In Seattle a large share of the business was in sales to Alaska and the Orient.

Prepared by:
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TABLE IX

WHOLESALE FOOD AND GROCERY TRADE
Operating Expense Analysis of the Wholesale Food and Grocery Trade,
by Type of Establishment, 1929

(Amounts in Thousands of Dollars)

Type of Establishment	Number of Establishments	Net Sales	Total Expenses		Salaries and Wages: Total		Salaries and Wages: Executives		Salaries and Wages: Salesmen		Salaries and Wages: All Others		Expenses of Salesmen		Rent a/		All Other Expenses	
			Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales	Amount	Per Cent of Net Sales
Total	13,618	9,118,641	677,246	7.4	320,105	3.5	40,048	0.4	112,956	1.3	167,101	1.8	33,400	0.4	22,731	0.3	301,011	3.3
Agents and Brokers	1,851	1,751,993	34,260	2.0	17,766	1.0	4,471	0.3	7,838	0.4	5,457	0.3	2,640	0.2	1,622	0.1	12,232	0.7
Cash and Carry Wholesalers	362	101,188	4,563	4.5	2,212	2.2	334	0.3	532	0.5	1,346	1.4	54	0.1	508	0.5	1,789	1.8
Chain-Store Warehouses	234	1,457,408	50,795	3.5	24,195	1.7	2,686	0.2	--	--	21,509	1.5	--	--	2,411	0.2	24,189	1.7
Exporters	66	85,831	3,563	4.2	1,378	1.6	304	0.4	220	0.3	854	0.9	80	0.1	137	0.2	1,968	2.3
Importers	335	252,177	16,686	6.6	7,782	3.1	1,881	0.8	2,270	0.9	3,631	1.4	870	0.3	827	0.4	7,206	7.5
Manufacturers' Sales Branches b/	2,315	1,480,162	201,558	13.6	72,233	4.9	5,049	0.4	38,727	2.6	28,457	1.9	15,152	1.0	3,411	0.3	110,761	7.5
Wholesale Merchants (General Line)	4,776	2,660,450	241,648	9.1	134,356	5.1	17,006	0.6	38,680	1.5	78,670	3.0	7,883	0.3	8,892	0.5	90,516	3.4
Wholesale Merchants (Specialty)	3,149	901,863	91,737	10.2	43,877	4.9	6,777	0.8	18,116	2.0	18,984	2.1	5,018	0.6	3,891	0.6	39,001	4.3
Wagon Distribution	178	18,999	2,929	15.4	1,660	8.7	160	0.8	1,115	5.9	385	2.0	46	0.2	81	0.7	1,142	6.0
All Other Types c/	352	408,569	29,458	7.2	14,645	3.6	1,379	0.4	5,458	1.3	7,808	1.9	1,656	0.4	950	0.3	12,206	3.0

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929, Table 21.

a/ Per cent of net sales is based upon only those establishments reporting rent. For this reason the detailed percentages do not always add to the same figure as total expenses.

b/ Not under the Code for the Wholesale Food and Grocery Trade.

c/ All Other Types comprise drop shippers, cooperative marketing associations, assemblers of farm products, etc.

Prepared by:
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TABLE X

WHOLESALE FOOD AND GROCERY TRADE
Length of Life of Establishments in the Wholesale Grocery and Food Specialty Trade, by Four Types, 1930

Years Established	Wholesale Merchants[a] (General Line)		Wholesale Merchants[a] (Specialty)		Manufacturers' Sales Branches[b]		Chain Store Warehouses[a]	
	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total
Total	4,776	100.0	3,149	100.0	2,315	100.0	234	100.0
1 Year	181	3.8	228	7.2	191	8.2	11	4.7
2 Years	202	4.2	275	8.7	56	2.4	35	15.0
3 Years	191	4.0	184	5.8	45	1.9	9	3.8
4 Years	175	3.7	154	4.9	33	1.4	8	3.4
5 Years	186	3.9	157	5.0	23	1.0	12	5.1
6 - 10 Years	971	20.3	696	22.1	186	8.0	55	23.5
11 - 16 Years	747	15.7	336	10.7	169	7.3	34	14.5
17 - 30 Years	1,147	24.0	601	19.1	849	36.8	40	17.1
31 - 55 Years	639	13.4	303	9.6	503	21.7	19	8.1
56 - 80 Years	234	4.9	122	3.9	68	3.0	6	2.6
More than 80 Years	26	0.5	24	0.8	55	2.4	2	0.9
All Other [c]	77	1.6	69	2.2	137	5.9	1	1.3

Source: Bureau of the Census, Wholesale Distribution, "Groceries and Food Specialties," 1929, Table 8.

a/ Under Code for Wholesale Food and Grocery Trade, No. 196.

b/ Not under the Code.

c/ Established prior to 1924 but exact date not reported.

Prepared by:
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TABLE XI

RETAIL FOOD AND GROCERY TRADE
Number of Establishments and Sales,
Total and Chain, 1929 and 1933

	Establishments		Per Cent of Decline	Sales (Thousands of Dollars)		Per Cent of Decline
	1929	1933	1929-1933	1929	1933	1929-1933
Retail Grocery Trade	307,425	303,910	1.2	7,352,791	5,004,284	32.0
Chain Groceries	52,618	49,664	5.6	2,833,979	2,209,000	22.0
Per cent Chain Groceries are of the Entire Retail Grocery Trade	17.1	16.3	----	38.5	44.1	----

Source: Bureau of the Census, Retail Distribution, 1933, "Chains and Independents," Table 3; 1929, "U. S. Summary," Table 6. Total of Census classifications, "Grocery Stores (without meats)" and "Combination Stores (meat and groceries)."

Prepared by:
Industry Statistics Unit
Statistics Section
Division of Review, NRA

TABLE XII

RETAIL FOOD AND GROCERY TRADE
Number and Per Cent of Retail Grocery Stores, Total and Chain,
by States, 1929 and 1933

State	1929				1933			
	All Stores		Chain Stores[a]		All Stores		Chain Stores[a]	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
Total under Code [b]	224,566				221,854			
Total, all Places	307,425	100.0	52,618	100.0	303,910	100.0	49,664	100.0
Alabama	5,391	1.75	540	1.03	5,058	1.66	523	1.05
Arizona	1,091	.35	119	.23	974	.32	118	.24
Arkansas	3,752	1.22	179	.34	3,303	1.09	155	.31
California	14,404	4.69	2,625	4.99	13,742	4.52	2,350	4.73
Colorado	2,457	.80	274	.52	2,393	.79	279	.56
Connecticut	5,977	1.94	1,450	2.76	5,869	1.93	1,449	2.92
Delaware	817	.27	139	.26	759	.25	121	.24
District of Columbia	1,510	.49	500	.95	1,635	.54	492	.99
Florida	4,810	1.56	537	1.02	4,353	1.43	535	1.08
Georgia	8,644	2.81	673	1.28	7,135	2.35	742	1.49
Idaho	628	.20	86	.16	689	.23	89	.18
Illinois	17,249	5.61	3,466	6.59	18,405	6.06	3,364	6.77
Indiana	8,615	2.80	1,346	2.56	8,821	2.90	1,213	2.44
Iowa	4,265	1.39	416	.79	4,822	1.59	454	.91
Kansas	3,793	1.23	348	.66	4,103	1.35	341	.69
Kentucky	5,714	1.86	679	1.29	5,548	1.83	650	1.31
Louisiana	6,089	1.98	268	.51	5,997	1.97	292	.59
Maine	2,357	.77	430	.82	2,407	.79	436	.88
Maryland	4,965	1.62	746	1.42	5,537	1.82	759	1.53
Massachusetts	14,102	4.59	3,928	7.47	13,524	4.45	3,728	7.51
Michigan	11,305	3.68	3,092	5.88	11,721	3.86	2,594	5.22
Minnesota	4,682	1.52	404	.77	5,137	1.69	249	.50
Mississippi	4,347	1.41	176	.33	3,879	1.28	141	.28
Missouri	8,587	2.79	1,205	2.29	8,705	2.85	990	1.99
Montana	998	.32	75	.14	1,032	.34	60	.12
Nebraska	2,124	.69	196	.37	2,390	.79	229	.46
Nevada	160	.05	14	.03	163	.05	24	.05
New Hampshire	1,414	.46	339	.64	1,457	.48	321	.65
New Jersey	13,421	4.37	3,934	7.48	14,045	4.62	3,782	7.62
New Mexico	900	.29	43	.08	835	.27	44	.09
New York	32,349	10.52	7,985	15.18	31,612	10.40	8,205	16.52
North Carolina	7,228	2.35	596	1.13	6,685	2.20	623	1.25
North Dakota	786	.26	51	.10	899	.30	64	.13
Ohio	16,878	5.49	3,889	7.39	16,854	5.55	3,280	6.60
Oklahoma	4,813	1.57	458	.87	4,582	1.52	267	.54
Oregon	2,311	.75	399	.76	2,290	.75	325	.65
Pennsylvania	30,688	9.98	5,702	10.84	28,091	9.24	5,351	10.77
Rhode Island	2,799	.91	612	1.16	2,209	.73	517	1.04
South Carolina	4,702	1.53	269	.51	4,481	1.47	316	.64
South Dakota	832	.27	55	.10	954	.31	76	.15
Tennessee	5,385	1.75	640	1.22	5,398	1.78	654	1.32
Texas	13,143	4.28	903	1.72	13,657	4.49	853	1.72
Utah	851	.28	95	.18	826	.27	96	.19
Vermont	875	.29	173	.33	903	.30	174	.35
Virginia	5,845	1.90	815	1.55	3,821	1.92	767	1.54
Washington	3,679	1.20	509	.97	3,900	1.28	406	.82
West Virginia	3,373	1.10	445	.85	3,383	1.11	424	.85
Wisconsin	5,930	1.93	756	1.43	6,519	2.15	713	1.44
Wyoming	385	.13	39	.07	408	.13	29	.06

Source: Bureau of the Census, Retail Distribution, 1933. "Chains and Independents," Table 3; 1929, Vol. I, Parts 2 and 3, Table 6, and "U. S. Summary," Table 6. Total of Census classifications, "Grocery Stores (without meats)" and "Combination Stores (meats and groceries)."

a/ Includes national, sectional and local chains.

b/ Estimated by deducting 27 per cent for stores in places of 2,500 population and less. (See explanation, p. 4 .)

Prepared by:
Industry Statistics Unit
Statistics Section
Division of Review, NRA

RETAIL FOOD AND GROCERY TRADE
Value of Net Sales of Retail Grocery Stores, Total and Chain,
by States, 1929 and 1933

State	1929 Total (Millions of Dollars)	1929 Total Per Cent	1929 Chain (Millions of Dollars)	1929 Chain Per Cent	1933 Total (Millions of Dollars)	1933 Total Per Cent	1933 Chain (Millions of Dollars)	1933 Chain Per Cent
Total under Code a/	6,103				4,153			
Total, all places	7,352	100.0	2,834	100.0	5,004	100.0	2,209	100.0
Alabama	75	1.0	28	1.0	49	1.0	19	.8
Arizona	31	.4	10	.4	17	.3	7	.3
Arkansas	49	.7	3	.1	30	.6	7	.3
California	439	6.0	165	5.8	302	6.0	140	6.3
Colorado	74	1.0	23	.8	49	1.0	18	.8
Connecticut	151	2.1	71	2.5	111	2.2	59	2.7
Delaware	18	.3	9	.3	13	.3	6	.3
District of Columbia	53	.7	30	1.1	48	1.0	28	1.3
Florida	95	1.3	34	1.2	69	1.4	29	1.3
Georgia	106	1.4	35	1.2	72	1.4	28	1.3
Idaho	22	.3	7	.2	15	.3	5	.2
Illinois	509	6.9	207	7.3	319	6.3	166	7.5
Indiana	215	2.9	71	2.5	125	2.5	53	2.4
Iowa	129	1.8	25	.9	88	1.7	21	.9
Kansas	111	1.5	23	.8	71	1.4	18	.8
Kentucky	98	1.3	4	.2	68	1.4	28	1.3
Louisiana	62	.8	14	.5	47	.9	12	.6
Maine	59	.8	16	.6	45	.9	16	.7
Maryland	99	1.4	38	1.4	81	1.6	34	1.5
Massachusetts	410	5.6	197	6.9	292	5.8	153	6.9
Michigan	362	4.9	177	6.2	208	4.2	111	5.0
Minnesota	129	1.8	21	.7	92	1.8	14	.7
Mississippi	52	.7	8	.3	25	.5	5	.2
Missouri	216	2.9	65	2.3	149	3.0	49	2.2
Montana	33	.5	7	.2	20	.4	4	.2
Nebraska	68	.9	14	.5	47	.9	13	.6
Nevada	7	.1	1	.1	5	.1	2	.1
New Hampshire	41	.6	15	.5	30	.6	12	.6
New Jersey	313	4.2	175	6.2	235	4.7	127	5.8
New Mexico	16	.2	3	.1	9	.2	2	.1
New York	860	11.7	398	14.0	651	13.0	349	15.8
North Carolina	103	1.4	22	.8	71	1.4	25	1.1
North Dakota	22	.3	3	.1	16	.3	4	.2
Ohio	481	6.5	212	7.5	310	6.2	150	6.8
Oklahoma	118	1.6	22	.8	65	1.3	16	.7
Oregon	66	.9	23	.8	43	.9	14	.7
Pennsylvania	632	8.6	302	10.6	423	8.4	226	10.2
Rhode Island	69	.9	32	1.2	44	.9	24	1.1
South Carolina	52	.7	12	.4	38	.8	11	.5
South Dakota	24	.3	3	.1	16	.3	4	.2
Tennessee	98	1.3	32	1.1	67	1.3	26	1.2
Texas	294	4.0	73	2.6	189	3.8	49	2.2
Utah	26	.4	7	.2	16	.3	6	.3
Vermont	25	.3	8	.3	17	.4	7	.3
Virginia	92	1.3	38	1.3	71	1.4	33	1.5
Washington	103	1.4	31	1.1	69	1.4	23	1.0
West Virginia	66	.9	18	.6	47	1.0	22	1.0
Wisconsin	165	2.3	46	1.6	110	2.2	31	1.4
Wyoming	14	.2	2	.1	10	.2	3	.1
Undistributed sales b/			58	2.0				

Source: Bureau of the Census, Retail Distribution, 1933, "Chains and Independents," Table 3; 1929, Vol. I, Parts 2 and 3, Table 6, and "U. S. Summary," Table 6. Total of Census classifications, "Grocery Stores (without meats)" and "Combination Stores (meats and groceries)."

a/ 17 per cent was deducted for places of 2,500 or less. (See explanation, page 4).

b/ In some instances sales were withheld to avoid revealing sales of individuals concerned.

Prepared by:
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Division of Review, NRA

TABLE XIV

RETAIL FOOD AND GROCERY TRADE
Retail Grocery Chain Stores: Establishments and Sales
as Percentage of Total Grocery Trade,
by States, 1929 and 1933

State	Chains as Per Cent of Total Establishments in States		Chain Store Sales as Per Cent of Total Sales in State	
	1929	1933	1929	1933
U. S. Total	17.1	16.3	38.5	44.1
Alabama	10.0	10.3	37.5	38.1
Arizona	10.9	12.1	33.4 a/	42.4
Arkansas	4.8	4.7	6.6 a/	24.7
California	18.2	17.1	37.5	46.3
Colorado	11.2	11.7	31.2	36.6
Connecticut	24.3	24.7	46.6	52.9
Delaware	17.0	15.9	46.7	45.3
District of Columbia	33.1	30.1	56.3	57.7
Florida	11.2	12.3	35.5	41.7
Georgia	7.8	10.4	33.0	38.6
Idaho	13.7	12.9	29.9	34.7
Illinois	20.1	18.3	40.6	52.2
Indiana	15.6	13.8	32.9	42.5
Iowa	9.8	9.4	19.6	23.3
Kansas	9.2	8.3	21.2	25.3
Kentucky	11.9	11.7	4.5 a/	42.0
Louisiana	4.4	4.9	22.3	26.4
Maine	18.2	18.1	27.0 a/	35.3
Maryland	15.0	13.7	38.4	42.2
Massachusetts	27.8	27.6	48.0	52.4
Michigan	27.4	22.1	48.7	53.5
Minnesota	8.6	4.8	15.9	15.7
Mississippi	4.0	3.6	15.2 a/	21.4
Missouri	14.0	11.4	29.9	33.1
Montana	7.5	5.8	20.5 a/	19.8
Nebraska	9.2	9.6	20.2	27.9
Nevada	8.8	14.7	18.9	35.2
New Hampshire	24.0	22.0	37.3	41.6
New Jersey	29.3	26.9	55.9	54.2
New Mexico	4.8	5.3	21.5	25.7
New York	24.7	26.0	46.2	53.6
North Carolina	8.2	9.3	21.4	35.2
North Dakota	6.5	7.1	13.9 a/	23.8
Ohio	23.0	19.5	43.9	48.3
Oklahoma	9.5	5.8	18.4	24.5
Oregon	17.3	14.2	34.5	33.0
Pennsylvania	18.6	19.0	47.9	53.4
Rhode Island	21.9	23.4	46.8	55.7
South Carolina	5.7	7.0	23.5	28.7
South Dakota	6.6	8.0	13.2	23.4
Tennessee	11.9	12.1	32.3	38.3
Texas	6.9	6.2	24.9	25.8
Utah	11.2	11.6	26.2	34.6
Vermont	19.8	19.3	32.5	40.0
Virginia	13.9	13.2	41.0	45.8
Washington	13.8	10.4	30.6	32.9
West Virginia	13.2	12.5	26.4 a/	46.2
Wisconsin	12.8	10.9	27.5	28.2
Wyoming	10.1	7.1	12.9 a/	27.6

Source: Census of American Business, Retail Distribution, 1933, "Chains and Independents," Table 3. U. S. Census of Retail Distribution, 1929, Table 6. Total of "Grocery Stores (without meats)" and "Combination Stores (groceries and meats)."

a/ The amount of sales of a certain type or types of chain stores are withheld to avoid disclosure of individual operations. These amounts are included in the total.

Prepared by:
Industry Statistics Unit
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Division of Review, NRA

TABLE XV

RETAIL FOOD AND GROCERY TRADE
Average Number of Employees in Retail Grocery Stores,
by Principal States, 1929 and 1933 a/

State	1929				1933			
	Full-Time		Part-Time		Full-Time		Part-Time	
	Number	Per Cent	Number	Per Cent	Number	Per Cent	Number	Per Cent
U. S. Total	337,139	100.0	106,489	100.0	320,240	100.0	134,041	100.0
California	18,486	5.48	4,497	4.22	16,672	5.21	5,245	3.92
Illinois	23,190	6.88	7,306	6.86	20,123	6.28	9,326	6.96
Massachusetts	21,438	6.36	6,740	6.33	22,051	6.89	7,183	5.36
Michigan	15,976	4.74	4,299	4.04	12,984	4.05	6,170	4.60
Missouri	11,001	3.26	2,738	2.57	10,734	3.35	4,199	3.13
New Jersey	13,142	3.90	4,312	4.05	13,859	4.32	5,161	3.86
New York	34,960	10.37	9,266	8.70	38,001	11.87	12,023	8.98
Ohio	22,591	6.70	7,090	6.65	18,563	5.80	10,640	7.93
Pennsylvania	30,585	9.07	9,336	8.77	29,203	9.12	12,153	9.06
Texas	12,640	3.75	4,208	3.95	11,879	3.71	5,044	3.76
Total, 10 States	204,009	60.51	59,792	56.14	194,069	60.60	77,144	57.56
Total, all other	133,130	39.49	46,697	43.86	126,171	39.40	56,897	42.44

Source: Bureau of the Census, Retail Distribution, 1929, Vol. I, Parts 2 and 3, Tables 1-A and 1; 1933, "U. S. Summary," Table 2-A, and State Reports, Table 1. Total of Census classifications, "Grocery Stores (without meat)" and "Combination Stores (meat and groceries)."

a/ The figures are not adjusted for places of 2,500 or less in population, which are exempt from the Code. The total average number of full-time and part-time employees subject to the Code (see explanation, p. 4) is as follows:

Year	Employees
1929	352,263
1933	372,231
1934	409,000

The 1934 estimate is obtained by applying the per cent change in the Bureau of Labor Statistics sample to the Census base.

Prepared by:
Industry Statistics Unit
Statistics Section
Division of Review, NRA

TABLE XVI

RETAIL FOOD AND GROCERY TRADE
Seasonality of Employment in Retail Grocery Stores,
1933
(In thousands)

Week Ending Nearest the 15th	Number of Full-Time Employees	Number of Part-Time Employees
January	307	124
February	307	125
March	307	126
April	310	128
May	312	130
June	316	131
July	320	134
August	327	137
September	332	141
October	334	142
November	335	144
December	337	146

Source: Bureau of the Census, Retail Distribution, 1933, "U. S. Summary," Table 4-A, p. 21. Total of Census classifications, "Grocery Stores (without meats)" and "Combination Stores (grocery and meat)."

Prepared by:
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TABLE XVII

RETAIL FOOD AND GROCERY TRADE

Total Annual Wages Paid by Retail Grocery Stores, by Principal States, 1929 and 1933 a/
(Thousands of Dollars)

State	1929	1933
U. S. Total	437,702	366,764
California	26,673	22,100
Illinois	29,729	23,963
Massachusetts	28,711	25,777
Michigan	22,000	15,276
Missouri	13,718	11,516
New Jersey	20,231	18,478
New York	52,957	50,411
Ohio	30,237	22,736
Pennsylvania	39,403	33,890
Texas	14,909	11,430
Total, 10 States	278,568	235,577
Total, All Other	159,134	131,187

Source: Bureau of the Census, Retail Distribution, 1933, "U. S. Summary," Table 3, p. 15, and State Reports, Table 1; 1929, "U. S. Summary," Table 1-A, p. 45, and Vol. I, Parts 2 and 3. Total of Census classifications "Grocery Stores (without meats)" and "Combination Stores (meat and groceries)."

a/ Wages include full-time and part-time.

Prepared by:
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TABLE XVIII

RETAIL FOOD AND GROCERY TRADE
Total Value of Net Sales of Retail Grocery Stores
1929, 1933, and 1934
(Millions of dollars)

	Value of Net Sales		
	1929	1933	1934
Total, excluding places under 2,500 population a/	6,103	4,153	4,376
Total, including places under 2,500 population	7,353	5,004	5,272
Grocery Stores (without meats)	3,449	1,803	---
Combination Stores (grocery and meats)	3,904	3,201	---

Source: Bureau of the Census, Retail Distribution, 1933, "U. S. Summary," Table 1, p. 7. 1934 estimates based on Department of Commerce index of grocery store sales.

a/ 17 per cent of total of all places has been deducted for places of 2,500 or less in population which are exempt from Code. (See explanation, page 4.)

Prepared by:
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TABLE XIX

RETAIL FOOD AND GROCERY TRADE

Retail Grocery Stores, Classified According to Value of Sales, 1929 and 1933

Value of Sales	Number of Establishments with Specified Value of Sales			
	1929		1933	
	Number	Per Cent of Total	Number	Per Cent of Total
Total Number of Establishments	307,425	100.00	303,910	100.00
Total Sales (Thousands of Dollars)	7,352,791		5,004,284	
$1,000,000 or more	47	a/	18	a/
500,000 - 999,999	106	a/	69	a/
300,000 - 499,999	336	0.1	205	0.1
200,000 - 299,999	712	0.2	367	0.1
100,000 - 199,999	7,026	2.3	3,691	1.2
50,000 - 99,999	31,412	10.2	16,099	5.3
30,000 - 49,999	43,779	14.3	29,657	9.8
20,000 - 29,999	35,580	11.5	30,607	10.1
10,000 - 19,999	57,822	18.8	54,408	17.9
Less than 10,000	130,605	42.5	168,789	55.5

Source: Bureau of the Census, Retail Distribution, 1929, "U. S. Summary," Table 4-A; 1933, Vol. I, Table 4-A. Total of Census classifications, "Grocery Stores (without meat)" and "Combination Stores (meat and groceries)."

a/ Less than 0.05 per cent.

Prepared by:
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Division of Review, NRA

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TABLE XX

RETAIL FOOD AND GROCERY TRADE
Total Value of Sales and Total Labor Cost
of Retail Grocery Stores, 1929 and 1933

Year	Total Labor Cost a/		Total Value of Sales (Millions of Dollars)
	Amount (Millions of Dollars)	Per Cent of Value of Product	
1929	437.5	5.9	7,353
1933	366.8	7.3	5,004

Source: Bureau of the Census, Retail Distribution, 1933, "U. S. Summary," Tables 1 and 2. Total of Census classifications, "Grocery Stores (without meat)" and "Combination Stores (meat and groceries)."

a/ Including wages of all employees.

Prepared by:
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Division of Review, NRA

TABLE XXI

R-P-28 Code No. 182

RETAIL FOOD AND GROCERY TRADE
PRICES: SELLING

XXI-A Index of Retail Price of Food (1913=100) a/

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
JAN	164.3	159.3	155.1	154.6	155.4	132.8	109.3	94.8	105.2	118.5
FEB	161.5	156.0	151.6	154.4	153.0	127.0	105.3	90.9	108.3	122.0
MAR	159.9	153.8	151.4	153.0	150.1	126.4	105.0	90.5	108.5	121.7
APR	162.4	153.6	152.1	151.6	151.2	124.0	103.7	90.4	107.4	124.1
MAY	161.1	155.4	153.8	153.3	150.1	121.0	101.3	93.7	108.4	124.5
JUN	159.7	158.5	152.6	154.8	147.9	118.3	100.1	96.7	109.1	123.0
JUL	157.0	153.4	152.8	158.5	144.0	119.0	101.0	104.8	109.9	121.7
AUG	155.7	152.4	154.2	160.2	143.7	119.7	100.8	106.7	111.8	122.3
SEP	158.5	154.0	157.8	160.8	145.6	119.4	100.3	107.0	116.8	123.9
OCT	160.0	156.1	156.8	160.5	144.4	119.1	100.4	107.3	115.6	
NOV	161.6	156.5	157.3	159.7	141.4	116.7	99.4	106.8	114.9	
DEC	161.8	155.9	155.8	158.0	137.2	114.3	98.7	103.9	114.3	
Average	160.3	155.4	154.3	156.6	147.1	121.3	102.1	99.5	110.9	

XXI-B Index of Retail Price of Food (1929=100) b/

JAN	104.9	101.7	99.0	98.7	99.2	84.8	69.8	60.5	67.2	75.7
FEB	103.1	99.6	96.8	98.6	97.7	81.1	67.2	58.0	69.2	77.9
MAR	102.1	98.2	96.7	97.7	95.8	80.7	67.0	57.8	69.3	77.7
APR	103.7	98.1	97.1	96.8	96.6	79.2	66.2	57.7	68.6	79.2
MAY	102.9	99.2	98.2	97.9	95.8	77.3	64.7	59.8	69.2	79.5
JUN	102.0	101.2	97.4	98.9	94.4	75.5	63.9	61.7	69.7	78.5
JUL	100.3	98.0	97.6	101.2	92.0	76.0	64.5	66.9	70.2	77.7
AUG	99.4	97.3	98.5	102.3	91.8	76.4	64.4	68.1	71.4	78.1
SEP	101.2	98.3	100.8	102.7	93.0	76.2	64.0	68.3	74.6	79.1
OCT	102.2	99.7	100.1	102.5	92.2	76.1	64.1	68.5	73.8	
NOV	103.2	99.9	100.4	102.0	90.3	74.5	63.5	68.2	73.4	
DEC	103.3	99.6	99.5	100.9	87.6	73.0	63.0	66.3	73.0	
Average	102.4	99.2	98.5	100.0	93.9	77.6	65.2	63.5	70.8	

JAN										
FEB										
MAR										
APR										
MAY										
JUN										
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										

a/ Bureau of Labor Statistics price series for "All Foods."

b/ Index of Retail Price of Food (XXI-A) shifted to 1929 base.

DIVISION OF REVIEW, NRA
Industry Statistics Unit

TABLE XXII

R-P-28 Code No. 182

RETAIL FOOD AND GROCERY TRADE
PRICES: COST

XXII-A Index of Wholesale Prices of Food (1926=100) a/

	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935
JAN	102.6	97.1	100.9	98.9	97.3	80.7	64.7	55.8	64.3	79.9
FEB	100.6	96.1	98.8	98.1	95.8	78.0	62.5	53.7	66.7	82.7
MAR	99.3	94.7	98.2	98.3	94.3	77.6	62.3	54.6	67.3	81.9
APR	100.5	94.9	99.7	98.0	94.9	76.3	61.0	56.1	66.2	84.5
MAY	100.1	95.3	101.2	98.0	92.2	73.8	59.3	59.4	67.1	84.1
JUN	100.5	94.8	100.3	99.1	90.8	73.3	58.8	61.2	69.8	82.8
JUL	98.7	94.3	102.2	102.9	86.8	74.0	60.9	65.5	70.6	82.1
AUG	97.5	94.5	103.8	103.5	87.6	74.6	61.8	64.8	73.9	84.9
SEP	99.8	96.6	106.5	103.3	89.5	73.7	61.8	64.9	76.1	86.0
OCT	100.7	100.0	102.1	101.4	88.8	73.3	60.5	64.2	74.8	85.0
NOV	100.4	101.4	100.0	98.9	86.2	71.0	60.6	64.3	75.1	
DEC	100.6	100.7	98.1	98.7	82.4	69.1	58.3	62.5	75.3	
Average	100.0	96.7	101.0	99.9	90.5	74.6	61.0	60.5	70.6	

XXII-B Index of Wholesale Price of Food (1929=100) b/

JAN	102.7	97.2	101.0	99.0	97.4	80.8	64.8	55.9	64.4	80.0
FEB	100.7	96.2	98.9	98.2	95.9	78.1	62.6	53.8	66.8	82.8
MAR	99.4	94.8	98.3	98.4	94.4	77.7	62.4	54.7	67.4	82.0
APR	100.6	94.9	99.8	98.1	95.0	76.4	61.1	56.2	66.3	84.6
MAY	100.2	95.4	101.3	98.1	92.3	73.9	59.4	59.5	67.2	84.2
JUN	100.6	94.9	100.4	99.2	90.9	73.4	58.9	61.3	69.9	82.9
JUL	98.8	94.4	102.3	103.0	86.9	74.1	61.0	65.6	70.7	82.2
AUG	97.6	94.6	103.9	103.6	87.7	74.7	61.9	64.9	74.0	85.0
SEP	99.9	96.7	106.6	103.4	89.6	73.8	61.9	65.0	76.2	86.2
OCT	100.8	100.1	102.2	101.5	88.9	73.4	60.6	64.3	74.9	85.1
NOV	100.5	101.5	100.1	99.0	86.3	71.1	60.7	64.4	75.2	
DEC	100.7	100.8	98.2	98.8	82.5	69.2	58.4	62.6	75.4	
Average	100.2	96.8	101.1	100.0	90.7	74.7	61.1	60.7	70.7	

JAN										
FEB										
MAR										
APR										
MAY										
JUN										
JUL										
AUG										
SEP										
OCT										
NOV										
DEC										

a/ Bureau of Labor Statistics price series for "Foods."

b/ Index of Wholesale Prices of Food (XXII-A) shifted to 1929 base.

DIVISION OF REVIEW, NRA
Industry Statistics Unit

TABLE XXIII

RETAIL FOOD AND GROCERY TRADE

Per Capita Expenditure on Retail Groceries,
Arranged in Descending Order, 1929

State	Per Capita Expenditure	State	Per Capita Expenditure
United States	$60.00		
		Maryland	$60.90
District of Columbia	108.20	Missouri	59.50
Rhode Island	100.90	Kansas	59.00
Massachusetts	96.40	Wisconsin	56.30
Connecticut	94.30	Iowa	52.00
New Hampshire	87.40	Utah	51.40
California	77.40	Texas	50.50
New Jersey	77.40	Minnesota	50.50
Delaware	77.20	Nebraska	49.60
Nevada	76.60	Idaho	49.50
Michigan	74.90	Oklahoma	49.10
Maine	74.30	West Virginia	38.40
Ohio	72.40	Virginia	38.00
Arizona	71.80	Kentucky	37.40
Colorado	71.40	Tennessee	37.40
Vermont	69.70	New Mexico	36.80
Oregon	68.80	Georgia	36.30
New York	68.30	South Dakota	34.90
Illinois	66.70	North Dakota	33.00
Indiana	66.30	North Carolina	32.50
Washington	65.70	South Carolina	29.80
Pennsylvania	65.60	Louisiana	29.40
Florida	64.50	Alabama	28.70
Wyoming	63.20	Arkansas	26.60
Montana	61.10	Mississippi	25.80

Source: Computed by NRA, Division of Review, from data in 1929 Census of Retail Distribution, and 1930 U. S. Population Census.

Prepared by:
Industry Statistics Unit
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