33. DISTRIBUTION, SERVICES, AND HOTELS

[Data in this section relate to continental United States]

No. 847.—Manufacturers' Sales—Distribution, by Primary Channels, by Industry Groups: 1929 and 1935

Note.—Figures do not cover sales or distribution expenses of manufacturers' own wholesale branches or retail stores, which are covered in data for wholesale trade and retail trade, respectively. Figures were not compiled for industries: (1) Where no outside sales were made, the plants being maintained for the purpose of making repairs, such as railroad repair shops; (2) where sales were made direct to users, the value of products in most instances comprising the sale of services, such as engraving and lithographing industries; (3) in which the plants were engaged, for the most part, in performing labor on materials owned by others so that their sales represented the sales of services rather than commodities, such as electroplating and galvanizing industries; and (4) where the plants of one organization so dominated that to show distribution of sales figures would disclose individual operations. The following table is limited to industries which are directly comparable in 1929 and 1935, while table 848 covers all industries for which 1935 data were compiled

[Amount of sales in thousands of dollars]

Industry group	Total distributed sales, 1935		1935 distributed sales of industries comparable with 1929		Percent of distributed sales made to—			
					Own wholesale branches		Industrial users	
	Amount	Number of plants	Amount	Number of plants	1929	1935	1929	1935
All industries	**38, 175, 470**	**134, 285**	**26, 328, 269**	**91, 688**	**18. 0**	**20. 6**	**26. 0**	**24. 6**
Food and kindred products	9, 450, 989	47, 992	8, 084, 630	40, 159	24. 6	21. 5	6. 9	7. 9
Textiles and their products	5, 323, 427	16, 665	1, 111, 209	4, 679	5. 8	4. 8	13. 0	16. 9
Forest products	1, 528, 578	15, 661	1, 436, 220	15, 309	4. 5	5. 9	38. 8	32. 0
Paper and allied products	1, 291, 557	2, 919	1, 291, 557	2, 919	3. 8	5. 8	51. 8	54. 9
Chemicals and allied products	2, 583, 174	7, 269	1, 028, 492	3, 353	12. 2	20. 2	33. 5	30. 9
Petroleum and coal products	1, 831, 104	676	1, 665, 073	415	60. 1	64. 3	8. 5	10. 0
Rubber	655, 995	467	655, 995	467	41. 7	43. 0	25. 9	29. 3
Leather and its manufactures	1, 166, 286	3, 380	1, 056, 611	2, 745	21. 3	20. 4	14. 5	18. 4
Stone, clay, and glass products	885, 533	5, 629	577, 924	3, 547	4. 9	28. 3	36. 3	31. 0
Iron and steel and their products	3, 532, 059	6, 363	2, 905, 447	3, 589	5. 9	21. 3	55. 8	59. 8
Nonferrous metals and their products	1, 560, 844	4, 757	697, 858	2, 859	5. 9	6. 8	56. 3	61. 1
Machinery	3, 243, 366	10, 692	1, 175, 801	3, 216	17. 8	20. 1	41. 9	44. 5
Transportation equipment	2, 913, 924	1, 133	2, 876, 030	1, 012	17. 0	19. 4	24. 3	21. 8
Miscellaneous	2, 208, 634	10, 682	1, 765, 422	7, 419	5. 9	4. 4	0. 0	6. 6

Industry group	Percent of distributed sales made to—Continued								Percent of distributed sales negotiated through agents, etc.	
	Wholesalers and jobbers		Own retail stores		Retailers		Household consumers			
	1929	1935	1929	1935	1929	1935	1929	1935	1929	1935
All industries	**31. 8**	**27. 3**	**2. 4**	**2. 2**	**20. 0**	**22. 9**	**1. 8**	**2. 4**	**7. 4**	**8. 3**
Food and kindred products	31. 6	28. 5	3. 2	3. 8	29. 2	33. 2	4. 5	5. 1	12. 1	14. 0
Textiles and their products	22. 4	15. 3	4. 6	5. 1	50. 8	55. 3	3. 4	2. 6	4. 8	5. 9
Forest products	30. 2	27. 1	1. 2	1. 3	24. 5	29. 6	. 8	4. 1	12. 1	15. 1
Paper and allied products	39. 1	32. 4	------	------	5. 3	6. 8	(1)	. 1	8. 0	5. 5
Chemicals and allied products	39. 1	31. 0	. 5	. 3	12. 7	15. 3	2. 0	2. 3	16. 1	14. 6
Petroleum and coal products	18. 6	19. 6	7. 6	4. 4	5. 2	1. 6	(1)	. 1	2. 4	1. 3
Rubber	16. 1	15. 9	. 5	2. 7	15. 6	9. 0	. 2	. 1	2. 4	2. 1
Leather and its manufactures	25. 0	16. 7	3. 7	2. 7	35. 1	41. 6	. 4	. 2	6. 1	7. 3
Stone, clay, and glass products	49. 8	18. 8	. 1	. 3	6. 2	16. 9	2. 7	4. 1	8. 3	7. 4
Iron and steel and their products	34. 1	13. 4	. 3	. 3	3. 9	4. 8	(1)	. 4	6. 5	5. 4
Nonferrous metals and their products	27. 8	20. 6	. 3	. 2	8. 2	10. 4	1. 5	. 9	4. 4	6. 9
Machinery	29. 0	24. 6	4. 4	2. 9	6. 7	7. 4	. 2	. 5	6. 9	8. 5
Transportation equipment	27. 5	26. 3	1. 9	. 4	29. 1	31. 4	. 2	. 7	1. 0	. 9
Miscellaneous	67. 0	72. 6	. 6	. 6	14. 8	13. 9	2. 7	1. 9	2. 7	2. 6

[1] Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Distribution of Manufacturers' Sales.

No. 848.—Manufacturers' Sales—Primary Channels of Distribution and Distribution Expenses, by Industry Groups: 1935

[Sales and distribution expenses in millions and tenths of millions of dollars. See headnote, table 847]

	All industries	Food and kindred products	Textiles and products	Forest products	Paper and allied products	Printing and publishing	Chemicals and allied products	Products of petroleum and coal
SALES BY CHANNELS OF DISTRIBUTION								
Plants reporting	134,392	47,992	16,665	15,661	2,919	107	7,269	676
Total net sales	**48,801.2**	**10,489.5**	**5,879.1**	**1,694.1**	**1,521.7**	**41.0**	**2,863.2**	**2,148.2**
Total distributed sales	38,212.9	9,451.0	5,323.4	1,528.6	1,291.6	37.4	2,583.2	1,831.1
To own wholesale branches	7,499.5	2,014.2	384.8	101.6	74.9	-------	848.3	1,117.9
Percent of total sales	17.1	19.2	6.5	6.0	4.8	-------	29.7	51.9
To industrial and other large users	10,742.3	711.8	1,307.0	506.4	708.3	19.4	805.4	231.3
Percent of total sales	24.5	6.8	22.2	29.9	46.6	47.2	28.1	10.8
To wholesalers and jobbers	10,134.4	2,900.1	1,403.7	415.5	418.8	6.9	548.8	360.8
Percent of total sales	23.2	27.6	23.9	24.5	27.5	16.8	19.2	16.8
To own retail stores	629.1	312.3	70.1	18.0	-------	-------	17.6	72.8
Percent of total sales	1.5	3.0	1.2	1.1	-------	-------	.6	3.4
To retailers	8,412.1	3,048.7	2,092.8	427.7	88.0	7.1	308.5	40.6
Percent of total sales	19.2	29.1	35.7	25.2	5.8	17.3	10.8	1.9
To household consumers	795.5	464.0	65.0	59.4	1.5	4.1	54.5	7.9
Percent of total sales	1.8	4.4	1.1	3.5	.1	9.9	1.9	.4
Interplant transfers	4,350.8	776.0	335.9	96.2	210.8	1.0	204.3	204.0
Percent of total sales	9.9	7.4	5.7	5.7	13.9	2.5	7.1	9.5
Sales not allocated [1]	1,237.6	262.5	219.7	69.3	19.4	2.6	75.8	113.1
Percent of total sales	2.8	2.5	3.7	4.1	1.3	6.3	2.6	5.3
Percent of total sales made through—								
Own sales organizations	91.0	88.1	78.3	86.3	95.4	98.3	90.3	97.7
Agents, brokers, etc	9.0	11.9	21.7	13.7	4.6	1.7	9.7	2.3
DISTRIBUTION EXPENSES								
Plants reporting	53,623	17,735	8,197	4,516	1,353	13	3,071	249
Net sales	21,417.6	6,313.2	2,853.3	871.3	768.2	7.4	1,137.3	277.2
Distribution expenses, total [2]	2,006.5	594.8	249.0	99.7	65.3	.7	172.4	20.5
Percent of sales	9.4	9.4	8.7	11.4	8.5	8.8	15.2	7.4
Distribution pay roll	883.0	261.2	127.6	47.8	30.7	.4	66.8	7.2
Percent of sales	4.1	4.1	4.5	5.5	4.0	6.0	5.9	2.6

	Rubber products	Leather and its manufactures	Stone, clay, and glass products	Iron, and steel and products	Nonferrous metals and products	Machinery	Transportation equipment [3]	Miscellaneous
SALES BY CHANNELS OF DISTRIBUTION								
Plants reporting	467	3,380	5,629	6,363	4,757	10,692	1,133	10,682
Total net sales	**695.9**	**1,281.1**	**950.5**	**4,260.4**	**1,627.1**	**3,931.3**	**4,142.0**	**2,275.9**
Total distributed sales	656.0	1,166.3	885.5	3,532.1	1,560.8	3,243.4	2,913.9	2,208.6
To own wholesale branches	282.0	230.8	252.5	681.4	152.7	651.7	558.1	148.4
Percent of total sales	40.6	18.0	26.5	16.0	9.4	16.6	13.5	6.5
To industrial and other large users	192.2	257.0	302.1	2,139.7	1,077.6	1,566.1	645.9	272.2
Percent of total sales	27.6	20.1	31.8	50.2	66.2	39.9	15.6	12.0
To wholesalers and jobbers	104.6	192.2	172.9	501.9	203.9	750.8	764.3	1,389.2
Percent of total sales	15.0	15.0	18.2	11.8	12.5	19.1	18.5	61.1
To own retail stores	17.4	29.5	1.6	8.8	3.0	52.2	12.5	13.3
Percent of total sales	2.5	2.3	.2	.2	.2	1.3	.3	.6
To retailers	59.0	454.2	128.1	186.1	110.1	201.5	913.1	340.7
Percent of total sales	8.5	35.4	13.5	4.4	6.8	5.1	22.0	15.2
To household consumers	.7	2.5	28.2	14.1	13.7	20.0	20.0	38.9
Percent of total sales	.1	.2	3.0	.3	.8	.5	.5	1.7
Interplant transfers	22.5	84.8	41.1	607.1	49.6	552.9	1,060.6	43.8
Percent of total sales	3.2	6.6	4.3	15.7	3.1	14.1	25.6	1.9
Sales not allocated [1]	17.4	30.0	23.9	61.2	16.6	135.0	167.5	23.4
Percent of total sales	2.5	2.4	2.5	1.4	1.0	3.4	4.0	1.0
Percent of total sales made through—								
Own sales organizations	98.0	93.5	93.8	95.3	95.6	93.0	99.4	97.5
Agents, brokers, etc	2.0	6.5	6.2	4.7	4.4	7.0	.6	2.5
DISTRIBUTION EXPENSES								
Plants reporting	259	1,589	1,944	2,941	1,939	4,721	540	4,556
Net sales	517.7	598.3	373.4	1,606.8	640.1	2,256.6	1,993.3	1,203.5
Distribution expenses, total [2]	40.2	53.5	43.7	130.5	58.4	263.7	63.7	150.4
Percent of sales	7.8	8.9	11.7	8.1	9.1	11.7	3.2	12.5
Distribution pay roll	14.1	26.1	21.4	60.3	28.4	110.4	23.6	56.9
Percent of sales	2.7	4.4	5.7	3.8	4.4	4.9	1.2	4.7

[1] Or not distributed through usual channels. [2] Including pay roll. [3] Air, land, and water.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Distribution of Manufacturers' Sales.

No. 849.—Wholesale Trade—

Note.—Figures for 1929 and 1933 are

[Sales, expenses, pay roll, and

Division and State	Number of establishments			Net sales			Active proprietors and firm members, 1935	Employees (full-time and part-time), average for year [1]	
	1929	1933	1935	1929	1933	1935		1929	1933
United States	168, 820	163, 583	176, 756	66, 983, 024	30, 009, 590	42, 802, 913	97, 225	1, 510, 494	1, 187, 688
New England	9, 756	8, 592	9, 580	4, 005, 910	1, 867, 712	2, 528, 497	5, 166	106, 152	74, 454
Maine	986	860	970	175, 853	98, 462	127, 840	504	7, 214	5, 957
New Hampshire	325	334	363	60, 500	38, 074	54, 069	172	2, 265	2, 244
Vermont	308	300	344	57, 393	41, 751	53, 567	140	1, 898	2, 153
Massachusetts	6, 038	5, 125	5, 739	2, 948, 372	1, 334, 893	1, 806, 346	3, 215	70, 142	46, 630
Rhode Island	734	577	683	275, 357	128, 808	180, 597	369	7, 516	5, 352
Connecticut	1, 365	1, 396	1, 481	488, 435	225, 724	306, 078	766	17, 117	12, 118
Middle Atlantic	38, 045	34, 170	40, 392	22, 702, 703	10, 364, 095	14, 296, 623	25, 436	410, 399	301, 563
New York	25, 202	21, 825	26, 915	17, 143, 753	7, 856, 469	10, 846, 966	16, 626	274, 699	199, 067
New Jersey	2, 334	2, 682	3, 025	935, 521	492, 270	708, 645	1, 570	26, 578	24, 196
Pennsylvania	10, 509	9, 663	10, 452	4, 623, 429	2, 015, 356	2, 741, 012	7, 240	109, 122	78, 300
East North Central	32, 058	34, 442	35, 638	13, 445, 712	5, 785, 417	8, 709, 015	19, 732	334, 833	242, 322
Ohio	8, 035	8, 286	9, 086	2, 925, 525	1, 367, 382	2, 028, 552	5, 323	79, 075	64, 450
Indiana	3, 726	4, 229	4, 333	888, 816	396, 107	654, 917	2, 183	24, 311	20, 781
Illinois	11, 556	11, 898	12, 009	6, 675, 726	2, 715, 156	3, 937, 609	6, 611	158, 043	94, 828
Michigan	5, 239	5, 791	6, 065	2, 027, 341	827, 256	1, 410, 767	3, 580	44, 584	37, 638
Wisconsin	3, 502	4, 238	4, 145	928, 304	479, 516	677, 170	2, 035	28, 820	24, 625
West North Central	28, 629	29, 115	29, 526	8, 454, 665	3, 506, 267	4, 786, 928	13, 745	187, 276	144, 897
Minnesota	5, 243	5, 178	5, 695	1, 667, 535	853, 915	1, 188, 413	2, 585	36, 054	31, 830
Iowa	4, 946	5, 250	5, 063	1, 043, 316	451, 730	627, 795	2, 619	26, 748	22, 142
Missouri	6, 649	6, 085	6, 691	3, 306, 536	1, 354, 198	1, 811, 544	3, 740	77, 329	52, 260
North Dakota	2, 618	2, 435	2, 435	261, 131	93, 280	133, 808	588	5, 917	4, 852
South Dakota	1, 972	1, 755	1, 899	236, 095	73, 264	99, 262	534	5, 352	4, 602
Nebraska	2, 886	3, 409	3, 122	1, 053, 441	387, 601	527, 719	1, 603	16, 882	14, 644
Kansas	4, 315	5, 003	4, 621	886, 611	292, 279	398, 387	2, 076	18, 994	14, 561
South Atlantic	15, 592	14, 507	15, 367	4, 485, 643	2, 338, 443	3, 406, 153	8, 546	122, 630	116, 631
Delaware	280	259	262	118, 087	59, 182	106, 300	148	2, 118	1, 700
Maryland	2, 198	2, 224	2, 316	711, 412	386, 450	496, 017	1, 744	21, 712	18, 906
Dist. of Columbia	492	568	629	223, 401	144, 119	242, 729	327	6, 756	6, 886
Virginia	2, 331	2, 370	2, 123	621, 139	325, 155	502, 951	1, 065	20, 130	20, 560
West Virginia	1, 127	1, 178	1, 251	341, 433	185, 532	231, 076	617	10, 047	8, 260
North Carolina	2, 403	2, 356	2, 458	695, 118	393, 370	555, 396	1, 460	15, 745	17, 856
South Carolina	1, 539	1, 242	1, 422	333, 528	172, 062	267, 122	809	6, 113	5, 591
Georgia	3, 175	2, 269	2, 667	997, 447	409, 362	605, 272	1, 371	21, 275	16, 237
Florida	2, 041	2, 041	2, 239	444, 078	263, 211	399, 290	1, 005	18, 725	20, 635
East South Central	7, 719	6, 806	7, 594	2, 496, 685	975, 830	1, 609, 657	4, 329	58, 388	50, 168
Kentucky	2, 024	2, 001	2, 057	500, 389	255, 260	379, 597	1, 240	17, 725	15, 820
Tennessee	2, 246	1, 960	2, 626	1, 044, 945	374, 365	745, 609	1, 536	20, 981	17, 769
Alabama	1, 787	1, 601	1, 668	566, 403	203, 657	304, 549	920	13, 428	10, 547
Mississippi	1, 712	1, 244	1, 243	384, 948	142, 548	179, 902	633	6, 254	6, 032
West South Central	17, 526	15, 053	15, 056	4, 739, 143	1, 919, 042	2, 696, 574	7, 618	99, 104	84, 155
Arkansas	2, 045	1, 292	1, 504	366, 510	117, 729	180, 309	747	7, 797	6, 842
Louisiana	1, 726	2, 094	2, 131	830, 965	449, 211	580, 260	938	17, 037	19, 375
Oklahoma	4, 168	4, 169	3, 668	769, 696	297, 877	404, 465	1, 792	18, 268	14, 333
Texas	9, 587	7, 498	7, 753	2, 771, 972	1, 054, 225	1, 531, 540	4, 141	56, 002	43, 605
Mountain	5, 777	5, 868	6, 413	1, 173, 657	543, 240	847, 030	2, 323	32, 398	29, 516
Montana	1, 243	1, 239	1, 254	158, 227	73, 790	121, 041	225	4, 133	3, 764
Idaho	673	764	954	97, 157	50, 537	82, 195	360	3, 271	3, 063
Wyoming	283	349	337	34, 661	19, 117	25, 698	123	871	950
Colorado	2, 075	1, 814	1, 884	539, 626	232, 374	324, 382	830	13, 869	11, 917
New Mexico	315	447	397	53, 143	27, 730	45, 579	141	1, 257	1, 453
Arizona	356	467	541	97, 024	45, 654	78, 046	239	2, 976	2, 903
Utah	736	649	888	180, 101	84, 275	154, 189	357	5, 544	4, 971
Nevada	96	139	158	13, 718	9, 763	15, 300	48	477	495
Pacific	13, 718	15, 030	17, 190	5, 478, 906	2, 709, 544	3, 922, 436	10, 330	159, 314	143, 932
Washington	2, 588	2, 704	3, 233	959, 164	418, 802	603, 740	1, 206	27, 795	22, 594
Oregon	1, 437	1, 326	1, 615	465, 196	196, 445	343, 443	674	14, 055	10, 798
California	9, 693	11, 000	12, 342	4, 054, 546	2, 094, 297	2, 975, 253	8, 450	117, 464	110, 590

[1] Figures for 1933 and 1935 are monthly averages, while those for 1929 are quarterly averages.
[2] Includes no compensation for proprietors and firm members of unincorporated businesses.
[3] Includes stocks not owned but held on consignment, valued at $124,872,000.

SUMMARY, BY STATES: 1929, 1933, AND 1935

adjusted to the scope of the 1935 Census

stocks in thousands of dollars]

Employees [1]—Continued		Operating expenses, including pay roll, 1935	Pay roll [2]						Stocks on hand (end of year), 1935 [3]	Division and State
1935 [4]			1929	1933	1935, as reported [4]			1935 total, adjusted [4]		
As reported	Adjusted				Total	Full-time	Part-time			
1,260,553	1,277,717	4,163,480	2,962,774	1,659,487	2,022,262	1,976,337	45,925	2,049,483	3,106,609	U. S.
81,521	82,271	265,606	203,583	113,526	134,822	132,266	2,556	135,916	189,384	N. E.
6,271	6,430	17,225	11,202	7,675	8,427	8,215	212	8,655	13,208	Maine.
2,149	2,261	6,562	3,667	2,895	3,044	2,979	65	3,201	4,686	N. H.
2,158	2,313	7,295	2,899	2,750	2,952	2,895	57	3,165	4,727	Vt.
51,888	52,110	173,736	143,777	74,930	90,110	88,480	1,630	90,444	122,483	Mass.
6,328	6,339	21,307	14,534	7,717	9,936	9,738	198	9,953	14,352	R. I.
12,727	12,818	39,481	27,504	17,559	20,353	19,959	394	20,498	29,928	Conn.
351,555	352,660	1,364,970	952,754	508,070	662,736	653,720	9,016	664,547	974,215	M. A.
243,120	243,709	1,005,722	683,265	360,628	487,139	481,271	5,868	488,157	752,525	N. Y.
26,386	26,560	90,195	54,648	35,420	43,225	42,537	688	43,521	51,624	N. J.
82,049	82,391	269,053	214,841	112,022	132,372	129,912	2,460	132,869	170,066	Pa.
262,920	265,150	836,217	676,977	345,139	428,040	419,809	8,231	432,053	501,319	E. N. C.
68,394	68,709	211,260	151,481	89,620	109,535	107,237	2,298	110,030	134,047	Ohio.
23,263	23,677	64,391	42,531	25,754	32,469	31,781	688	33,211	41,874	Ind.
104,740	105,047	355,797	338,395	146,420	182,989	180,093	2,896	183,574	195,190	Ill.
41,587	42,504	132,112	94,052	51,049	65,653	64,182	1,471	67,347	75,086	Mich.
24,936	25,213	72,657	50,518	32,296	37,394	36,516	878	37,891	55,122	Wis.
144,219	146,021	431,591	322,642	183,877	208,758	204,193	4,565	211,697	373,649	W. N. C.
32,079	32,332	102,970	62,428	41,992	49,564	48,505	1,059	49,988	112,222	Minn.
19,753	20,043	51,254	40,839	25,324	25,515	24,693	822	26,004	30,163	Iowa.
56,576	56,936	179,001	144,167	71,797	87,798	86,477	1,321	88,394	144,979	Mo.
4,935	5,067	14,334	9,935	5,815	6,395	6,194	201	6,639	12,635	N. Dak.
4,478	4,608	12,267	8,614	5,322	5,469	5,291	178	5,699	9,682	S. Dak.
13,672	13,948	37,672	28,047	17,196	17,892	17,399	493	18,253	29,167	Nebr.
12,726	13,087	34,093	28,612	16,431	16,125	15,634	491	16,720	28,801	Kans.
117,143	120,167	328,566	197,200	129,857	154,894	149,881	5,013	159,625	278,968	S. A.
1,899	1,917	10,061	3,778	2,357	3,175	3,110	65	3,201	7,057	Del.
19,164	19,266	51,880	32,752	21,529	25,456	24,787	669	25,585	31,981	Md.
8,274	8,274	23,993	12,666	10,042	13,819	13,641	178	13,819	13,088	D. C.
18,846	19,180	49,621	29,575	21,075	23,751	22,813	938	24,216	58,935	Va.
8,835	8,969	26,956	19,216	11,328	13,161	12,855	306	13,356	20,343	W. Va.
16,980	17,676	43,795	25,679	17,782	20,456	19,212	1,244	21,687	61,499	N. C.
6,128	6,529	17,734	10,535	6,393	7,630	7,419	211	8,202	13,645	S. C.
18,444	19,345	58,005	36,728	20,431	25,601	25,016	585	26,995	43,285	Ga.
18,573	19,011	46,521	26,271	18,920	21,845	21,028	817	22,564	29,135	Fla.
51,445	53,513	136,436	94,377	54,773	65,345	62,976	2,369	68,569	130,068	E. S. C.
15,765	16,009	35,391	25,872	16,172	18,041	16,833	1,208	18,402	44,255	Ky.
19,929	20,461	57,258	34,434	19,893	27,226	26,517	709	27,945	50,555	Tenn.
10,675	11,293	29,750	23,551	12,481	14,201	13,909	292	15,212	22,832	Ala.
5,076	5,750	14,037	10,520	6,227	5,877	5,717	160	7,010	12,426	Miss.
80,237	84,557	251,415	167,831	100,777	107,293	104,690	2,603	113,638	267,675	W. S. C.
6,006	6,791	16,761	11,949	7,603	7,347	7,165	182	8,420	16,348	Ark.
17,372	17,925	55,493	29,252	23,315	23,873	23,332	541	24,557	75,265	La.
12,809	13,459	36,221	30,784	17,253	17,603	17,121	482	18,604	31,296	Okla.
44,050	46,382	142,940	95,846	52,606	58,470	57,072	1,398	62,057	144,766	Tex.
28,615	29,869	88,458	55,569	36,885	41,310	39,876	1,434	43,226	66,583	Mt.
4,040	4,070	11,988	6,979	4,852	5,904	5,724	180	5,947	13,172	Mont.
3,372	3,533	9,380	4,479	3,249	4,025	3,648	377	4,277	7,678	Idaho.
874	955	2,866	1,855	1,265	1,224	1,190	34	1,340	2,665	Wyo.
10,102	10,283	30,868	23,947	15,157	15,064	14,731	333	15,345	18,782	Colo.
1,433	1,691	4,585	2,313	1,033	2,065	2,029	36	2,415	5,355	N. Mex.
2,670	2,792	9,347	5,407	3,556	3,922	3,727	195	4,142	5,345	Ariz.
5,475	5,832	17,049	9,712	6,138	8,046	7,794	252	8,588	12,435	Utah.
649	713	2,375	877	735	1,060	1,033	27	1,172	1,151	Nev.
142,898	143,509	460,291	291,841	186,583	219,064	208,926	10,138	220,212	324,748	Pac.
22,725	22,860	68,769	50,972	29,166	34,690	33,645	1,045	34,933	55,603	Wash.
11,316	11,423	36,550	24,056	14,342	17,625	17,075	550	17,820	31,202	Oreg.
108,857	109,226	354,902	216,813	143,075	166,749	158,206	8,543	167,453	237,943	Calif.

[1] Employment and pay-roll data for commission bulk-tank stations are not included in the reported figures as it was impracticable to obtain these data; for comparison with earlier years, estimates for commission bulk-tank stations are included in adjusted figures as follows: Employees, 17,164; pay roll, $27,221,000.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Wholesale Distribution, Vol. I.

No. 850.—Wholesale Trade—Net Sales, 1929 to 1938; Number of Establishments and Net Sales, by Type of Operation, 1933 and 1935

[Net sales in millions of dollars]

Year	Net sales [1]		Type of establishment	Number of establishments		Net sales	
	Total wholesale trade	Full-service and limited-function wholesalers		1933 [2]	1935	1933 [2]	1935
1929	68,913	28,899	Total	163,583	176,756	30,010	42,803
1930	56,963	23,023					
1931	43,936	17,476	Full-service and limited-function wholesalers	82,820	88,931	12,891	17,662
1932	35,324	13,274					
1933	31,442	12,891	Manufacturers' sales branches with stocks	12,409	11,634	4,965	7,446
1934	36,950	14,710					
1935	44,667	17,662	Manufacturers' sales offices without stocks	4,415	4,196	2,320	3,620
1936	52,290	20,293					
1937	58,300	22,220	Bulk-tank stations (petroleum)	26,174	27,333	1,786	2,704
1938	(3)	19,023	Agents and brokers	13,806	18,147	6,283	8,908
			Assemblers	23,959	26,515	1,756	2,463

[1] Data for chain-store warehouses are included in totals in first column but are excluded from other figures in this table and from figures for wholesale trade appearing in other tables.
[2] Figures adjusted to scope of 1935 Census of wholesale trade; no data included for chain-store warehouses.
[3] No estimate made.

Source: For 1929, 1933, and 1935, Department of Commerce, Bureau of the Census; Census of Business, 1935, Wholesale Distribution, Vol. I. For other years, estimates by Department of Commerce, Bureau of Foreign and Domestic Commerce; mimeographed reports.

No. 851.—Wholesale Trade—Summary, by Type of Operation and Kind of Business: 1935

Note.—Pay roll includes no compensation for proprietors and firm members of unincorporated businesses. Stocks include stocks not owned but held on consignment valued at $124,872,000

Type of operation and kind of business	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year [1]	Total pay roll [1] (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
Total	**176,756**	**42,802,913**	**4,163,480**	**97,225**	**1,260,553**	**2,022,262**	**3,106,609**
Full-service and limited-function wholesalers	**88,931**	**17,661,691**	**2,228,347**	**61,586**	**759,556**	**1,162,275**	**2,067,649**
Wholesale merchants	78,277	14,446,316	1,904,174	54,685	674,098	1,008,833	1,662,289
Voluntary-group wholesalers	128	100,569	9,402	33	3,420	5,481	13,444
Converters	502	284,121	24,541	235	5,634	12,273	46,374
Exporters	513	571,490	51,598	340	7,369	12,831	75,328
Importers	2,241	1,068,234	98,475	1,313	21,834	46,461	147,738
Industrial distributors	1,633	444,877	72,939	309	24,724	41,578	94,811
Drop shippers or desk jobbers	1,031	365,926	23,545	497	4,901	12,252	3,511
Mail-order wholesalers	189	13,984	3,226	151	1,188	1,339	2,116
Retailer-cooperative warehouses	161	153,398	9,383	------	3,646	5,245	14,865
Wagon distributors	4,256	212,776	31,064	4,023	12,742	15,982	7,173
Manufacturers' sales branches (with stocks)	**11,634**	**7,446,014**	**881,155**	**299**	**211,280**	**402,706**	**596,558**
Manufacturers' sales offices (without stocks)	**4,196**	**3,620,074**	**239,889**	**149**	**42,895**	**106,093**	----------
Bulk-tank stations (petroleum)	**27,333**	**2,704,047**	**391,095**	**3,546**	(1)	(1)	**157,687**
Independent stations	3,880	298,627	37,147	3,075	12,901	17,460	13,667
Chain-operated stations	17,017	2,002,546	284,859	471	78,258	129,461	122,718
Commission stations	6,436	402,874	69,089	------	(1)	(1)	21,302
Agents and brokers	**18,147**	**8,908,076**	**256,749**	**14,950**	**68,285**	**129,866**	**89,565**
Auction companies	609	382,857	10,692	630	6,585	6,094	2,716
Brokers	3,922	2,889,546	39,411	3,255	9,885	20,396	10,810
Commission merchants	3,135	2,662,491	67,364	2,818	18,298	34,104	30,486
Export agents	496	276,506	14,638	305	3,851	6,382	3,802
Import agents	335	212,573	10,357	207	1,272	3,134	5,478
Manufacturers' agents	7,548	768,619	44,092	6,557	14,300	23,995	12,902
Selling agents	1,712	1,439,710	63,412	885	11,759	31,228	23,179
Other agents	390	275,774	6,783	293	2,335	4,538	192

[1] Data not collected for commission bulk-tank stations.

No. 851.—Wholesale Trade—Summary, by Type of Operation and Kind of Business: 1935—Continued.

Type of operation and kind of business	Number of establishments	Net sales (thousands of dollars)	Operating expenses, incl. pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
Assemblers	26,515	2,463,011	166,245	16,695	87,378	74,401	105,150
Country buyers of farm products	10,813	646,147	32,981	10,635	21,028	14,795	88,633
Cream stations	3,619	29,854	1,479	2,239	2,232	1,033	222
Cooperative marketing associations	2,117	955,727	60,318	------	22,692	23,406	58,557
Elevators (grain)	8,462	600,363	30,147	2,751	16,164	15,160	41,756
Packers and shippers	1,504	230,920	41,320	1,070	25,262	20,007	5,982
FULL-SERVICE AND LIMITED-FUNCTION WHOLESALERS							
Amusement and sporting goods	1,068	117,045	21,308	641	7,076	12,092	14,223
Cameras and motion picture equipment and supplies	74	4,897	1,033	44	407	624	915
Moving picture films	191	38,268	6,063	43	1,623	3,447	1,420
Sporting goods (full line)	134	17,020	3,631	78	1,275	1,982	4,053
Toys, novelties, and fireworks	461	35,393	6,974	349	2,543	4,102	5,166
All other	208	21,467	3,607	127	1,228	1,937	2,669
Automotive	5,672	780,424	131,401	3,363	49,514	75,276	107,830
Automobiles and other motor vehicles	399	378,726	36,051	130	11,316	19,118	23,782
Automotive equipment	4,840	349,186	87,265	2,932	35,511	52,042	74,867
Tires and tubes	433	52,512	8,085	301	2,687	4,116	9,181
Beer, wines, and liquors	5,496	698,511	91,814	4,298	31,380	43,682	55,043
Beer and other fermented malt liquors	4,016	281,259	40,791	3,496	15,379	18,379	9,974
Wines and liquors	1,480	417,252	51,023	802	16,001	25,303	45,069
Chemicals and paints	1,426	275,301	46,008	627	10,741	20,530	32,559
Dyestuffs	57	15,816	4,160	18	675	1,694	1,697
Explosives	26	1,615	286	12	121	149	291
Industrial chemicals	204	80,310	9,922	40	2,349	5,350	8,452
Naval stores	36	33,148	1,683	3	470	849	2,817
Paints and varnishes	772	66,328	15,063	370	4,997	7,931	12,855
All other	331	78,084	14,894	184	2,129	4,557	6,447
Clothing and furnishings	3,960	648,881	88,577	3,177	25,383	46,350	73,495
Clothing and/or furnishings (full line)	574	65,505	9,407	523	3,057	4,976	8,948
Men's and boys'	1,001	117,443	16,124	874	4,743	8,270	17,137
Women's and children's	1,085	233,602	31,344	775	8,639	17,044	18,253
Furs, dressed and fur clothing	277	33,093	3,919	266	813	1,848	3,772
Hosiery	202	35,657	3,942	173	1,140	1,909	3,931
Millinery and millinery supplies	360	42,161	7,095	236	2,281	3,775	4,538
Shoes and other footwear	461	121,420	16,746	330	4,710	8,528	16,916
Coal and coke	773	368,695	34,955	292	8,847	16,464	26,052
Drugs (full line)	295	324,113	41,274	36	15,077	22,465	55,348
Drugs and drug sundries (specialty lines)	1,268	123,469	25,760	774	8,010	12,420	13,206
Drug specialties	342	20,554	4,844	229	1,964	2,701	3,008
Patent medicines	215	21,995	4,110	111	1,110	1,898	1,356
Toilet articles and preparations	426	40,671	11,140	256	3,465	5,536	3,822
All other	285	31,249	5,666	178	1,471	2,285	4,030
Dry goods (full line)	306	265,724	38,426	164	14,272	22,030	46,295
Dry goods (specialty lines)	3,301	719,676	82,228	2,477	22,652	43,398	118,548
Notions	915	96,778	17,876	712	6,082	10,387	16,740
Piece goods	1,873	593,867	59,691	1,304	14,908	30,393	96,491
All other	513	29,031	4,661	461	1,662	2,618	5,317
Electrical goods	2,438	576,542	99,460	1,051	30,088	52,495	75,424
Electrical merchandise (full line)	419	184,233	26,933	39	8,405	14,787	26,669
Apparatus and equipment	199	20,931	4,415	104	1,719	2,643	3,041
Wiring supplies and construction material	734	76,859	14,455	354	5,331	8,352	13,053
Radios, refrigerators, and appliances	1,086	294,519	53,657	554	14,633	26,713	32,661
Farm products—raw materials	2,199	1,562,487	105,198	1,557	21,693	34,200	235,379
Cotton	263	518,244	34,807	206	2,406	5,204	68,582
Grain	474	483,949	27,080	234	5,888	9,983	74,997
Hides, skins, and furs (raw)	874	189,342	15,282	696	3,668	7,004	24,266
Livestock, including horses and mules	35	3,613	477	41	142	203	401
Silk (raw)	16	67,393	2,059	9	223	379	9,229
Tobacco (leaf)	224	73,938	10,732	137	6,071	5,156	25,532
Wool and mohair	135	156,173	9,261	121	1,439	3,442	24,827
All other	178	69,835	5,500	113	1,856	2,329	7,545
Farm products—consumer goods	11,188	1,941,059	213,552	10,128	77,316	107,165	47,140
Dairy products	2,178	427,966	72,198	1,284	25,161	37,459	9,833
Poultry and poultry products	1,778	230,602	18,124	1,712	7,750	8,517	5,884
Dairy and poultry products	1,019	304,576	24,995	822	8,373	12,912	8,229
Fruits and vegetables (fresh)	6,164	972,532	97,704	6,265	35,813	47,973	22,895
All other	49	5,383	531	45	219	304	299

No. 851.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935—Continued

Type of operation and kind of business	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
FULL-SERVICE AND LIMITED-FUNCTION WHOLESALERS—continued							
Farm supplies	1,433	281,731	35,100	892	12,739	16,566	33,213
Feed	951	149,087	14,001	633	5,524	6,768	11,244
Fertilizer	78	32,015	3,289	50	562	1,006	2,909
Seeds	354	90,759	16,848	186	6,290	8,348	18,289
All other	50	9,870	962	23	363	444	771
Furniture and house furnishings	1,959	243,457	43,345	1,335	13,978	23,106	50,742
China, glassware, and crockery	321	33,497	8,226	196	2,728	4,577	6,657
Floor coverings	366	89,021	12,321	202	3,551	6,144	22,559
Furniture (household and office)	375	38,164	7,626	249	2,542	4,074	5,917
House furnishings (except as specified)	784	69,327	11,151	643	3,875	6,051	11,746
Musical instruments and sheet music	113	13,448	4,021	45	1,282	2,260	3,863
General merchandise	209	361,647	28,076	122	9,266	13,942	34,052
Groceries (full line)	3,833	1,953,762	173,757	1,443	67,563	98,077	242,071
Groceries and foods (specialty lines)	12,156	1,682,961	209,791	10,434	79,646	108,429	132,811
Canned goods	291	77,222	10,556	222	2,608	4,280	9,724
Coffee, tea, and spices	964	220,488	36,029	591	11,631	18,547	25,493
Confectionery	2,070	111,867	13,447	1,986	6,598	7,602	9,198
Fish and sea foods	1,285	120,054	22,337	1,078	8,497	11,481	6,510
Flour	505	77,909	7,369	365	2,459	3,413	5,005
Meats and meat products	2,218	441,852	46,634	2,171	16,283	24,847	12,583
Soft drinks	429	20,815	3,936	333	1,636	2,150	1,486
Sugar	126	62,382	3,260	57	1,154	1,702	3,498
Other food and grocery specialties	4,268	550,372	66,223	3,631	28,780	34,407	59,314
Hardware	1,129	428,249	77,981	454	30,741	46,178	106,980
Hardware (full line)	610	387,020	69,255	137	27,387	41,214	97,427
Hardware (specialty lines)	519	41,229	8,726	317	3,354	4,964	9,553
Jewelry and optical goods	1,501	180,685	35,481	1,300	11,105	19,185	47,213
Jewelry (full line)	224	42,107	6,999	174	2,031	3,513	12,700
Clocks and watches	160	29,198	5,230	110	1,044	2,542	4,045
Diamonds and other precious stones	274	27,732	3,256	280	568	1,272	12,759
Other jewelry specialties	758	53,834	9,678	611	3,098	5,354	13,141
Optical goods	385	27,814	10,318	125	4,364	6,504	4,568
Lumber and construction materials	2,817	491,857	82,051	1,251	27,245	42,813	63,652
Builders' supplies (full line)	504	76,051	16,162	212	5,758	8,740	10,733
Lumber and millwork	1,597	339,092	48,013	701	15,170	24,356	41,410
Brick, tile, and terra cotta	119	8,732	1,882	48	577	943	1,414
Cement, lime, and plaster	130	18,956	3,424	54	1,220	1,757	1,532
Glass	262	21,638	6,684	154	2,707	4,080	5,800
Sand, gravel, and crushed stone	110	10,257	2,920	50	952	1,434	1,040
All other	95	17,131	2,966	32	861	1,503	2,223
Machinery, equipment and supplies	7,198	835,647	171,511	3,705	57,140	95,410	157,474
Commercial machinery, equipment, and supplies:							
Office (except furniture)	194	14,308	4,194	131	1,656	2,472	2,040
Store, restaurant, and hotel	673	44,860	11,757	464	4,443	6,738	7,567
All other	68	5,195	1,090	39	402	656	585
Farm and dairy machinery and equipment	336	45,250	8,153	181	2,818	4,327	9,047
Industrial equipment and supplies:							
Industrial (full line)	189	79,828	15,176	20	5,282	8,800	18,420
Belting, hose, and packing	168	12,281	3,092	66	959	1,779	1,976
Power transmission equipment	66	6,778	1,610	21	530	918	1,353
Rope, cordage, and twine	56	14,087	1,535	33	465	952	1,394
All other	1,028	102,508	21,282	552	7,248	12,240	17,379
Industrial machinery:							
Construction (including road building)	277	53,831	10,310	87	3,027	5,358	8,646
Machine tools	79	10,689	1,852	41	603	1,091	2,259
Mining and quarrying	87	11,184	2,098	37	717	1,210	2,586
Oil well and oil refining	759	152,273	16,799	157	4,650	8,163	27,168
Power plant	65	5,806	1,328	40	444	799	867
Textile	48	6,149	1,333	20	453	862	874
Used machinery and equipment	192	11,851	3,323	143	1,235	1,821	2,891
All other	354	24,292	6,379	205	2,143	3,728	4,816
Professional equipment and supplies:							
Dental	256	23,202	6,528	110	2,416	4,120	6,406
Surgical, medical, and hospital	203	26,033	7,410	78	2,313	4,286	4,481
All other	252	30,121	7,513	139	2,553	3,999	7,021

No. 851.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1935—Continued

Type of operation and kind of business	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
FULL-SERVICE, ETC., WHOLESALERS—CON.							
Machinery, equipment, and supplies—Con.							
Service equipment and supplies:							
Barber and beauty parlor	645	38,348	12,063	470	4,495	6,733	7,838
Laundry	138	21,768	4,802	35	1,276	2,581	2,688
Upholsterers'	200	25,636	5,887	101	1,746	3,033	6,764
All other	623	34,516	8,457	411	3,359	5,046	6,005
Transportation equipment and supplies:							
Aircraft and aeronautical	15	1,445	285	3	108	191	323
Railroad	33	16,588	3,691	7	601	1,535	1,522
Boats (including motor, sail, and steam)	71	5,447	1,094	47	372	611	1,245
All other	123	12,373	2,470	67	826	1,361	3,313
Metals and metal work (except scrap)	810	281,996	37,315	307	10,623	19,324	39,939
Iron and steel (except structural)	345	114,884	20,572	121	5,078	9,994	16,719
Structural iron and steel	93	18,965	3,877	22	1,541	2,342	3,358
Wire, wire fence, and wire rope	61	7,759	1,152	30	477	655	1,078
Copper	19	4,635	488	12	145	262	667
Sheet metal products	179	40,243	6,253	78	2,155	3,402	5,520
Other metals and metal work	113	95,510	4,973	44	1,227	2,669	12,597
Paper and its products	2,549	408,935	74,343	1,417	25,605	44,459	57,933
Wrapping or coarse paper and products	1,572	291,576	49,837	914	17,307	30,149	39,320
Fine or printing and writing paper	211	62,540	11,153	54	3,197	6,764	8,689
Stationery and stationery supplies	504	38,209	8,487	337	3,359	5,003	6,411
Wall paper	262	16,610	5,366	112	1,742	2,543	3,513
Petroleum and its products	674	132,399	17,137	339	4,437	8,089	6,485
Plumbing and heating equipment and supplies	1,743	243,173	48,202	636	16,919	26,851	50,812
Plumbing and heating (full line)	508	119,862	22,480	63	7,729	12,321	26,454
Heating (incl. stoves and ranges)	224	24,682	5,623	103	1,850	3,157	4,547
Plumbing fixtures, equipment and supplies	865	88,465	17,531	392	6,369	9,744	18,391
All other	146	10,164	2,568	78	971	1,629	1,420
Tobacco and its products (except leaf)	2,253	783,368	42,853	1,859	14,687	21,547	40,902
Waste materials	4,793	399,664	58,093	4,405	29,461	30,842	34,117
Iron and steel scrap	1,456	166,181	20,731	1,320	9,059	10,525	14,845
Junk and scrap (full line)	1,537	79,537	13,288	1,541	8,236	7,131	8,293
Waste paper, rags, and rubber	1,578	125,994	21,587	1,369	11,413	11,673	9,528
Nonferrous metals	222	27,952	2,487	175	753	1,153	1,451
All other products	4,184	550,233	72,850	3,052	26,352	39,250	66,711
Books, periodicals, and newspapers	636	108,550	20,454	338	9,060	12,005	8,445
Flowers and nursery stock	539	25,124	5,048	482	1,934	2,593	1,367
Forest products (except lumber)	550	80,373	8,497	437	2,873	4,492	8,355
Leather and leather goods	1,057	104,873	13,834	856	4,487	7,208	18,235
Oils and greases (animal and vegetable)	77	43,212	3,409	36	674	1,635	5,527
Rubber (crude)	27	62,436	2,761	5	333	1,077	12,255
Textiles and materials except dry goods	305	35,445	5,263	262	2,392	2,972	4,590
Yarns	175	41,562	3,800	115	1,183	1,999	4,100
Miscellaneous kinds of business	818	48,658	9,784	521	3,416	5,269	5,837
MANUFACTURERS' SALES BRANCHES (WITH STOCKS)							
Amusement and sporting goods	241	102,090	19,228	------	5,456	9,304	11,836
Automotive	896	1,261,865	90,159	6	23,611	45,242	68,563
Beer, wines, and liquors	377	265,812	37,390	6	5,284	11,533	19,759
Chemicals and paints	561	427,535	64,137	12	10,945	25,427	36,117
Clothing and furnishings	345	282,163	34,296	82	8,205	18,195	38,915
Coal and coke	10	8,331	1,470	------	359	694	261
Drugs and drug sundries	270	128,468	33,997	11	7,050	13,566	11,924
Dry goods	208	180,322	19,532	28	4,690	10,207	36,700
Electrical goods	428	349,819	31,685	6	7,832	17,676	21,800
Farm products—consumer goods	327	71,570	17,555	5	4,313	7,129	2,527
Farm supplies	74	31,785	4,831	2	917	1,830	2,679
Furniture and house furnishings	250	78,959	10,888	17	2,473	4,980	8,739
Groceries and foods (specialty lines)	3,102	2,252,166	202,190	32	51,576	87,265	82,245
Hardware	62	18,327	2,770	1	714	1,453	3,954
Jewelry and optical goods	249	91,458	10,921	10	3,102	5,366	11,405
Lumber and construction materials	261	112,792	18,684	8	5,510	10,253	13,485
Machinery, equipment, and supplies	2,642	693,362	145,642	28	43,085	83,199	112,269
Metals and metal work (except scrap)	271	243,350	23,986	5	7,041	12,685	42,027
Paper and its products	206	150,420	18,490	6	4,433	9,168	14,354
Petroleum and its products	56	18,175	3,801	------	814	1,910	1,981
Plumbing and heating equipment and supplies	367	102,251	21,310	8	6,313	9,701	17,885
Tobacco and its products (except leaf)	65	407,526	50,103	7	3,380	7,007	12,261
All other products	366	167,468	18,090	19	4,177	8,916	24,872

No. 851.—Wholesale Trade—Summary, by Type of Operation and Kind of Business: 1935—Continued

Type of operation and kind of business	Number of establishments	Net sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay roll (thousands of dollars)	Stocks on hand, end of year (thousands of dollars)
MANUFACTURERS' SALES OFFICES (WITHOUT STOCKS)							
Amusement and sporting goods	140	119,173	19,265	1	5,552	10,311	------
Automotive	36	53,549	3,575	------	688	1,687	------
Beer, wines, and liquors	37	81,280	9,248	------	928	2,470	------
Chemicals and paints	209	190,157	18,822	1	2,484	7,164	------
Clothing and furnishings	208	101,042	7,572	52	1,286	3,823	------
Coal and coke	6	11,526	348	------	48	136	------
Drugs and drug sundries (specialty lines)	31	9,940	2,135	8	518	1,024	------
Dry goods (specialty lines)	133	225,476	8,182	9	1,685	4,491	------
Electrical goods	263	137,180	8,367	1	1,655	4,377	------
Farm products—consumer goods	5	3,350	696	------	57	109	------
Farm supplies	33	17,043	2,293	1	343	673	------
Furniture and house furnishings	114	56,079	4,547	17	598	1,643	------
Groceries and foods (specialty lines)	206	253,777	34,223	6	3,243	7,010	------
Hardware	31	10,072	926	1	216	541	------
Jewelry and optical goods	41	6,515	644	7	146	402	------
Lumber and construction materials	277	169,299	18,868	6	4,421	9,994	------
Machinery, equipment, and supplies	1,146	492,453	31,111	19	6,714	17,847	------
Metals and metal work (except scrap)	476	1,021,883	29,371	4	5,502	15,703	------
Paper and its products	181	136,843	7,988	3	1,069	3,282	------
Petroleum and its products	25	46,880	7,017	1	955	2,350	------
Plumbing and heating equipment and supplies	178	22,954	3,130	3	666	1,497	------
Tobacco and its products (except leaf)	128	316,336	7,993	1	1,356	2,781	------
All other products	202	137,267	13,568	8	2,765	6,778	------
BULK-TANK STATIONS							
Petroleum and its products	27,333	2,704,047	391,095	3,546	(1)	(1)	157,687
AGENTS AND BROKERS							
Amusement and sporting goods	245	23,931	3,277	216	807	1,542	333
Automotive	448	66,681	4,038	397	995	1,691	2,423
Beer, wines, and liquors	73	21,473	916	49	230	482	334
Chemicals and paints	420	98,427	9,857	290	1,083	2,540	1,557
Clothing and furnishings	1,203	417,123	13,033	1,133	3,734	7,807	786
Coal and coke	440	427,346	25,300	82	3,874	10,087	12,443
Drugs and drug sundries (specialty lines)	140	26,894	1,854	123	643	1,078	194
Dry goods (full line)	14	23,061	289	11	78	174	5
Dry goods (specialty lines)	938	1,015,100	28,403	814	5,851	15,817	12,528
Electrical goods	638	45,863	3,367	534	1,221	1,832	1,762
Farm products—raw materials	3,010	2,710,088	44,692	2,976	16,987	22,004	20,151
Farm products—consumer goods	1,484	766,282	28,907	1,182	8,123	14,989	5,109
Farm supplies	287	87,342	2,218	249	529	975	342
Furniture and house furnishings	428	75,283	4,026	362	1,181	2,352	1,485
General merchandise	69	68,475	2,430	57	658	1,477	245
Groceries (full line)	21	11,565	262	17	79	135	120
Groceries and foods (specialty lines)	2,219	1,796,819	26,516	1,743	7,044	14,602	11,233
Hardware	288	32,508	2,099	254	648	1,103	428
Jewelry and optical goods	124	6,682	429	119	117	216	298
Lumber and construction materials	794	139,147	8,632	553	2,223	4,315	1,062
Machinery, equipment and supplies	2,496	210,757	20,400	1,922	5,529	11,262	5,237
Metals and metal work (except scrap)	377	173,229	5,178	282	1,068	2,844	1,324
Paper and its products	250	38,989	2,014	233	542	1,084	102
Petroleum and its products	109	72,733	1,729	63	327	867	144
Plumbing and heating equipment and supplies	427	25,790	2,680	313	888	1,462	636
Tobacco and its products (except leaf)	9	1,529	49	10	12	26	1
Waste materials	112	40,369	1,930	59	310	901	558
All other products	1,084	484,590	12,224	907	3,499	6,202	8,605
ASSEMBLERS							
Farm products—raw materials	14,293	1,493,387	66,320	7,802	30,085	28,507	175,717
Farm products—consumer goods	10,814	865,968	87,730	7,694	48,553	39,999	13,065
Farm supplies	511	29,250	2,422	376	1,322	1,170	1,574
Groceries and foods (specialty lines)	592	69,541	8,946	524	6,869	4,270	4,373
All other products	305	4,865	827	299	549	455	421

[1] Data not collected for commission bulk-tank stations; for data for other bulk-tank stations, see p. 840.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Wholesale Distribution, Vol. II.

No. 852.—Wholesale Trade—Summary for 25 Cities: 1935

Note.—Sales, expenses, pay roll, and stocks in thousands of dollars. The wholesale-trade centers covered in the following table were selected on the basis of their volume of wholesale trade in 1933

City	Number of establishments	Net sales		Operating expenses (including pay roll)	Active proprietors and firm members	Employees (full-time and part-time), average for the year [1]	Pay roll [1 2]			Stocks on hand (end of year)
		Amount	Percent gain over 1933				Total	Full-time	Part-time	
Atlanta, Ga	809	328,474	66.7	35,591	315	9,473	15,701	15,535	166	22,077
Baltimore, Md	1,622	424,478	27.7	44,298	1,176	15,072	22,006	21,661	345	27,825
Boston, Mass	3,330	1,333,016	36.1	114,518	1,852	32,334	60,753	59,916	837	87,426
Buffalo, N. Y	892	350,096	42.3	29,275	428	9,080	15,347	15,126	221	19,172
Chicago, Ill	6,462	3,269,729	46.7	297,664	3,435	83,349	154,706	152,710	1,996	159,244
Cincinnati, Ohio	1,383	477,130	53.3	44,147	860	13,090	22,505	22,174	331	24,596
Cleveland, Ohio	2,123	681,242	38.0	73,834	1,030	21,502	39,341	38,738	603	38,073
Dallas, Tex	903	409,668	34.4	38,298	470	9,802	16,184	16,002	182	40,637
Denver, Colo	835	261,593	47.7	24,064	425	7,431	11,907	11,731	176	13,047
Detroit, Mich	2,333	950,734	66.1	76,744	1,332	22,727	39,953	39,289	664	39,591
Houston, Tex	576	331,180	73.0	33,868	250	7,259	11,823	11,626	197	36,938
Indianapolis, Ind	735	306,302	86.1	25,323	389	8,232	13,030	12,850	180	15,493
Kansas City, Mo	1,459	649,885	34.4	53,239	882	15,983	26,488	26,085	403	49,766
Los Angeles, Calif	3,975	939,461	48.9	111,081	2,861	34,820	55,622	54,140	1,482	84,733
Milwaukee, Wis	1,251	344,732	32.4	37,469	548	12,646	20,569	20,226	343	25,582
Mpls. and St. Paul, Minn. (combined)	1,655	788,585	35.3	73,958	870	21,195	35,330	34,753	577	89,958
Newark, N. J	799	269,815	49.2	30,765	356	9,110	15,818	15,638	180	17,005
New Orleans, La	934	414,188	30.5	38,825	496	11,307	16,609	16,271	338	61,911
New York, N. Y	21,418	9,617,910	38.0	861,920	13,749	199,318	416,328	411,913	4,415	656,888
Omaha, Nebr	603	355,319	36.8	23,036	340	7,101	10,961	10,772	189	15,452
Philadelphia, Pa	3,961	1,325,154	34.4	132,040	2,733	37,347	65,126	63,928	1,198	82,864
Pittsburgh, Pa	1,486	692,155	37.9	53,806	904	15,989	28,116	27,733	383	31,229
St. Louis, Mo	2,102	882,323	33.1	99,067	1,055	29,910	49,372	48,779	593	77,400
San Francisco, Calif	2,942	1,149,864	39.3	124,473	2,307	29,363	53,357	52,382	975	94,138
Seattle, Wash	1,276	320,668	49.1	36,523	540	10,969	18,381	18,002	379	29,460

[1] Data for commission bulk-tank stations are not included. [2] See note 2, table 840.

Source: Dept. of Commerce, Bur. of Census; Census of Business, 1935, Whsl. Distr., Vols. I and II.

No. 835.—Percentage Changes in Sales: 1935–37

Note.—The 1937-38 Census Survey of Wholesale Distribution covered a total of 18,417 establishments, comprising 12,840 service and limited-function wholesalers in 22 of the 29 kind-of-business groups recognized by the census classification of wholesale establishments; 5,476 manufacturers' sales branches; and 101 fruit and vegetable commission merchants. On the basis of the returns for the 1935 Census of Business, these establishments constituted a sample of 19 percent in number and 33 percent in sales for the service and limited-function wholesalers in the 22 kind-of-business groups, and a sample of 53 percent in number and 67 percent in sales for the manufacturers' sales branches. The sales of the 12,840 service and limited-function wholesalers in 1937 amounted to $5,759,482,000, and those of the 5,476 manufacturers' sales branches in that year reached a total of $5,986,268,000. (No figures for the fruit and vegetable commission merchants are given in this table)

Kind-of-business group	Service and limited function wholesalers			Manufacturers' sales branches		
	Number of establishments 1937	Percent increase in sales		Number of branches 1937	Percent increase in sales	
		1935 to 1937	1936 to 1937		1935 to 1937	1936 to 1937
Total	12,840	31.1	10.8	5,476	32.0	11.8
Automotive	924	44.9	10.8	509	43.5	14.8
Beer, wines, and liquors	684	57.0	14.2	113	29.8	7.1
Chemicals and paints	292	29.6	10.0	317	35.9	10.4
Clothing and furnishings	627	19.3	1.8	110	18.1	5.3
Drugs and drug sundries [1]	308	24.7	10.6	54	22.1	9.5
Dry goods [2]	730	16.7	3.9	60	4.5	[3]—2.6
Electrical goods	596	66.3	24.1	215	80.9	26.8
Fruits and vegetables, fresh	904	23.7	5.2	----	----	----
Farm supplies	254	36.3	16.8	31	14.4	15.0
Furniture and house furnishings	400	37.4	8.8	166	28.7	8.1
General merchandise	72	20.5	6.8	----	----	----
Groceries, full-line	1,069	17.1	6.7	----	----	----
Groceries, specialty-line	1,886	20.3	10.2	1,755	15.0	6.4
Hardware	271	29.4	10.5	31	47.5	17.0
Jewelry and optical goods	372	44.4	11.4	170	47.8	16.5
Lumber and construction materials	568	49.3	14.2	97	60.7	11.9
Machinery, equipment, and supplies	1,552	48.6	19.4	1,519	60.5	19.1
Paper and its products	536	27.7	12.4	58	27.8	11.7
Plumbing and heating equipment and supplies	486	57.3	14.3	243	69.1	20.1
Tobacco and its products, except leaf	309	20.8	9.0	28	9.5	3.1

[1] Represents combination of "Drugs (full line)" and "Drugs and drug sundries (specialty lines)."
[2] Represents combination of "Dry goods (full line)" and "Dry goods (specialty lines)." [3] Decrease.

Source: Dept. of Commerce, Bur. of the Census; Census Survey of Business, 1937–38, Wholesale Distribution.

No. 854.—Retail Trade—Percentage Changes in Sales, for Total Stores, Independents, and Chains, by Kind-of-Business Groups: 1935 to 1937 and First Half of 1937 to First Half of 1938

Note.—The 1937–38 Census Survey of Retail Business covered 102,853 identical stores in 42 kinds of business—80,664 independents and 22,189 chain units. These stores constituted a sample of 6 percent in number and 17 percent in sales (of stores reporting $5,000 or more in annual sales volume), based on the returns of the 1935 Census of Business. Their sales amounted to $5,547,985,000 in 1935, and reached a total of $6,692,669,000 in 1937. The sales sample for independents was 13 percent and for chain units was 28 percent of the total sales of these respective types of operation in 1935

Kind-of-business group	Percent of increase or decrease (—) in sales					
	1935 to 1937			First half 1937 to first half 1938		
	Total	Independents	Chain units	Total	Independents	Chain units
Total	**20.6**	**22.8**	**17.1**	**—13.0**	**—15.2**	**—9.0**
Food stores	13.7	14.1	13.3	—4.9	—6.4	—3.1
General stores, with food	13.9			—11.2		
General-merchandise group	17.4	17.1	17.6	—10.3	—10.9	—9.8
Apparel group	17.3	17.0	17.8	—12.5	—11.8	—13.8
Automotive group	33.0	34.4	24.9	—30.4	—33.1	—11.0
Furniture and household group	35.8	36.1	31.8	—23.4	—22.9	—28.8
Lumber, building, and hardware group	37.7	38.2	34.6	—15.2	—16.1	—9.6
Eating and drinking places	26.9	28.1	17.4	—7.3	—7.1	—8.5
Drug stores	14.4	19.2	8.2	—5.5	—3.8	—7.8
Other retail stores	23.1	22.5	26.3	—14.7	—13.7	—19.4

Source: Dept. of Commerce, Bur. of the Census; Census Survey of Business, 1937–38, Retail Survey.

No. 855.—Retail Trade—Net Sales, by Kind of Business Groups: 1931 to 1938

Kind-of-business group	Net sales (millions of dollars)								Percent loss, 1937 to 1938
	1931	1932	1933	1934	1935	1936	1937	1938	
Total	**35,414**	**25,597**	**25,037**	**29,188**	**33,161**	**37,940**	**39,930**	**35,425**	**11.3**
Food group [1]	8,994 *9,385*	7,261 *7,506*	6,776 *7,086*	7,580 *7,734*	8,362	8,981	9,340	8,920	4.5
Beer and liquor stores			17	260	328	394	408	394	3.5
Eating and drinking places	1,934	1,636	1,430	1,932	2,391	2,702	2,878	2,676	7.0
General-merchandise group:									
Farmers' supply and country general stores [1]	2,028 *1,637*	1,218 *978*	1,561 *1,251*	1,665 *1,511*	1,710	1,898	1,993	1,784	10.5
Department, dry-goods, and general-merchandise stores	4,176	3,208	2,993	3,280	3,453	3,874	4,107	3,783	8.0
Mail order, catalog only	259	201	220	300	386	460	490	463	5.5
Variety stores	787	660	678	754	781	851	885	858	3.0
Apparel group	3,496	2,331	1,923	2,372	2,656	3,028	3,195	2,923	8.5
Automotive group	4,173	2,178	2,887	3,559	4,606	5,711	5,910	3,900	34.0
Filling stations	1,827	1,665	1,532	1,750	1,968	2,263	2,478	2,404	3.0
Furniture and household group	1,618	895	959	1,092	1,290	1,613	1,718	1,425	17.0
Lumber, building, and hardware group	2,006	1,389	1,343	1,550	1,864	2,375	2,565	2,270	11.5
Drug stores	1,438	1,182	1,066	1,156	1,233	1,344	1,411	1,376	2.5
Jewelry stores	301	188	175	203	235	282	312	279	10.5
Other stores	2,377	1,585	1,477	1,735	1,898	2,164	2,240	1,970	12.0

[1] The 1935 figures for the food group include data for some stores classified as country general stores in prior censuses. Figures in italics are estimates by the Bureau of Foreign and Domestic Commerce, adjusted for these shifts in classification, for comparison with later years.

Source: 1933 and 1935, Dept. of Commerce, Bur. of the Census; Census of Business, 1935, Retail Distribution, Vol. I. Other years, estimates by Dept. of Commerce, Bur. of Foreign and Domestic Commerce, based on trends shown by currently published statistics; published in the Survey of Current Business, Feb., 1939, also in mimeographed reports.

No. 856.—Retail Trade—Number of Stores and Net Sales, by Business Groups and Kind of Business: 1929, 1933, and 1935

Kind of business	Number of stores			Net sales (thousands of dollars)		
	1929	1933	1935	1929	1933	1935
United States total	1,543,158	1,526,119	1,653,961	49,114,653	25,037,225	33,161,276
Food stores [1]	481,891	470,149	532,010	10,837,421	6,776,280	8,362,425
Candy and confectionery stores	53,265	54,243	55,197	571,549	271,213	314,467
Dairy-products stores (including egg, poultry, and milk dealers)	11,736	18,092	22,127	797,819	498,536	628,755
Grocery stores (without meats)	191,876	163,538	188,738	3,449,129	1,803,242	2,202,607
Combination stores (groceries and meats)	115,549	140,372	166,233	3,903,662	3,201,042	4,149,813
Meat and fish markets	49,865	38,344	39,474	1,336,958	491,866	612,451
Other food stores	49,600	55,560	60,241	778,304	510,381	454,332
General stores (with food) [1]	104,086	85,839	66,701	2,570,744	1,097,437	1,110,403
General merchandise group	54,636	[2] 49,703	44,651	6,444,101	[2] 3,284,570	4,619,751
Dry goods and general merchandise stores	38,305	34,122	28,709	1,189,856	668,145	527,862
Department stores [3]	4,221	[2] 3,535	4,201	4,350,098	[2] 2,538,258	3,311,070
Variety, 5-and-10, and to-a-dollar stores	12,110	12,046	11,741	904,147	678,167	780,819
Apparel group	114,296	[2] 86,557	95,968	4,240,893	[2] 1,930,035	2,656,242
Men's clothing and furnishings stores (including boys')	28,197	19,491	20,914	1,192,723	489,104	659,617
Family clothing stores	10,551	5,765	7,881	552,353	185,371	358,849
Women's ready-to-wear stores	18,253	[2] 17,768	21,975	1,087,601	[2] 575,094	794,992
Accessories and other apparel stores	33,036	24,697	26,231	601,387	255,874	331,385
Shoe stores	24,259	18,836	18,967	806,829	424,592	511,399
Automotive group	136,172	134,999	116,702	7,828,387	2,887,525	4,606,650
Motor vehicle dealers (new and used)	45,301	30,646	35,045	6,407,512	2,127,720	3,847,642
Accessories, tire, and battery dealers	22,313	16,027	14,343	599,295	225,970	373,910
Garages [4]	66,793	86,454	66,243	785,001	519,827	370,064
Other automotive [5]	1,765	1,872	1,071	36,579	14,008	15,034
Filling stations [6]	121,513	170,404	197,568	1,787,423	1,531,724	1,967,714
Furniture—household group	58,941	42,976	45,215	2,754,721	958,780	1,289,896
Furniture stores	25,153	17,418	17,043	1,509,815	553,503	694,578
Household appliance and radio stores	8,931	[2] 9,761	14,100	379,704	[2] 198,662	381,171
Radio dealers	16,037	[2] 8,161	4,296	561,772	[2] 113,899	57,152
Other home furnishings	8,820	7,636	9,776	303,430	92,716	156,995
Lumber, building, and hardware group	90,386	76,098	73,186	3,845,624	1,342,705	1,864,275
Lumber and building-material dealers	26,377	21,015	21,149	1,981,284	603,416	866,865
Hardware and farm implement dealers	37,572	32,802	36,633	1,224,560	488,486	758,979
Heating and plumbing equipment dealers [7]	12,709	11,307	5,025	334,277	123,128	89,477
Paint, glass, and electrical stores [8]	13,728	10,974	10,379	305,503	127,675	148,954
Eating and drinking places	134,293	200,335	251,473	2,124,890	1,429,938	2,390,860
Eating places	134,293	170,434	153,468	2,124,890	1,324,387	1,666,899
Drinking places	----------	29,901	98,005	----------	105,551	723,961
Drug stores	58,258	58,407	56,697	1,690,399	1,066,252	1,232,593
Other retail stores	277,707	215,622	217,941	7,412,726	3,124,141	4,057,530
Cigar stores and stands	33,248	20,175	15,350	410,064	189,756	182,950
Fuel and ice dealers [6]	19,118	23,875	35,293	1,013,360	623,077	859,018
Jewelry stores	19,998	14,313	12,447	536,281	175,066	234,893
News dealers	10,285	6,629	7,071	149,866	58,071	61,655
Beer and liquor stores (packaged)	----------	3,767	12,105	----------	16,730	328,307
Other classifications	90,972	61,024	68,974	2,732,402	964,004	1,280,304
Second-hand stores	15,065	20,869	22,550	148,068	105,275	113,340

[1] See note 1, table 855, regarding shifts in classifications between the food group and "General stores."
[2] Revised.
[3] Includes general merchandise mail-order houses.
[4] This classification includes in 1929, 3,379 body, fender, and paint shops with receipts of $46,106,000 and 2,059 parking stations, parking garages, and lots with receipts of $39,262,000, which are included under "Service establishments" in 1933 and 1935.
[5] Bicycle shops, included in this classification in 1929 and 1933, are included with "Other retail stores" in 1935.
[6] Fuel-oil retailers, included in "Filling stations" in 1933 are included in "Fuel and ice dealers" under "Other retail stores" in 1935.
[7] Figures for 1935 are not comparable with data for earlier years. Some heating, plumbing, and air-conditioning contractors, included in 1933, were transferred to the Construction Census in 1935.
[8] The 1935 figures are not comparable with those for earlier years. A number of electrical contractors, included in this classification in 1933, were transferred to the Construction Census in 1935 and those electrical shops whose income from repairs was greater than the sale of merchandise were included under Service Establishments in 1935.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. I.

No. 857.—Retail Trade—Summary, by Business Groups and Kind of Business: 1935

Kind of business	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Pay roll[1] (thousands of dollars)		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
United States total	1,653,961	33,161,276	1,511,734	3,961,478	3,623,289	235,123	7,591,912
Food stores	532,010	8,362,425	489,966	745,103	663,418	46,723	1,385,052
Candy and confectionery stores	55,197	314,467	53,973	37,191	23,126	2,860	76,059
Dairy products stores and milk dealers	16,380	576,351	13,684	79,964	114,994	1,921	189,375
Egg and poultry dealers	5,747	52,404	5,799	4,662	2,951	459	7,569
Delicatessen stores	6,554	88,708	6,452	7,141	5,677	502	16,271
Fruit stores and vegetable markets	32,632	215,965	33,246	23,217	16,770	1,854	39,194
Grocery stores (without meats)	188,738	2,202,607	170,415	156,031	125,802	10,974	281,962
Combination stores (groceries and meats)	166,233	4,149,813	148,321	359,716	304,006	22,926	617,799
Meat markets	32,555	565,640	31,978	45,258	44,551	3,227	97,042
Fish markets—sea food	6,919	46,811	7,170	6,220	4,481	558	10,883
Bakeries and caterers	14,150	99,908	12,335	16,604	12,836	983	31,840
Other food stores	6,905	49,751	6,593	9,099	8,224	459	17,058
General stores (with food)	66,701	1,110,403	66,783	82,841	60,735	4,186	121,490
General merchandise group	44,651	4,619,751	32,160	729,195	608,817	42,777	1,288,517
Dry goods and general merchandise stores	28,709	527,862	25,558	65,730	48,612	4,630	109,331
Department stores	4,201	3,311,070	756	492,090	468,910	25,040	966,104
Variety, 5-and-10, and to-a-dollar stores	11,741	780,819	5,846	171,375	91,295	13,107	208,082
Apparel group	95,968	2,656,242	73,414	327,629	338,300	24,586	775,860
Men's furnishings stores	7,716	143,668	6,010	12,704	15,110	1,045	39,806
Men's clothing and furnishings stores	13,198	515,949	11,173	45,579	59,705	2,902	136,768
Family clothing stores	7,881	358,849	6,060	46,777	47,205	2,296	103,173
Women's ready-to-wear stores	21,975	794,992	17,068	107,469	103,047	6,573	228,873
Furriers and fur shops	1,535	59,897	1,067	6,765	10,461	725	23,236
Millinery stores	9,568	94,451	6,773	18,651	14,865	2,059	38,488
Custom tailors	6,559	67,120	6,364	14,820	17,316	2,911	31,110
Accessories—other apparel stores	8,569	109,917	7,231	17,733	13,968	1,300	31,522
Shoe stores	18,967	511,399	11,668	57,131	56,623	4,775	142,884
Automotive group	116,702	4,606,650	113,220	378,000	436,993	12,641	820,791
Motor vehicle dealers (new)	30,294	3,725,438	25,484	257,154	314,274	5,064	574,832
Used-car dealers	4,751	122,204	4,735	9,868	10,769	644	22,405
Accessories, tire and battery dealers	14,343	373,910	10,384	45,751	54,557	1,786	107,078
Garages	66,243	370,064	71,626	63,220	55,122	5,015	111,274
Other automotive	1,071	15,034	991	2,007	2,271	132	4,302
Filling stations	197,568	1,967,714	179,870	203,753	177,128	11,400	356,727
Furniture-household group	45,215	1,289,896	35,864	173,931	211,188	10,537	422,480
Furniture stores	17,043	694,578	14,855	77,905	102,065	3,092	221,867
Floor coverings-drapery stores	2,611	61,246	2,334	8,943	9,752	516	19,862
Household appliance and radio stores	14,100	381,171	7,810	65,836	75,156	5,428	133,070
Radio dealers	4,296	57,152	4,225	6,135	7,513	442	16,442
Other home furnishings stores	7,165	95,749	6,640	15,112	16,702	1,059	31,189
Lumber-building-hardware group	73,186	1,864,275	60,157	193,672	221,113	15,211	422,441
Lumber and building material dealers	21,149	866,865	10,819	90,858	108,801	6,866	202,074
Hardware stores	26,996	467,217	26,472	45,658	48,558	2,797	100,955
Hardware and farm implement dealers	9,637	291,762	9,821	22,058	22,381	1,698	45,419
Heating and plumbing equipment dealers	5,025	89,477	4,315	16,802	20,065	2,004	30,986
Paint, glass, wall paper stores	8,910	127,049	7,423	14,907	17,250	1,536	36,163
Electrical supply stores	1,469	21,905	1,307	3,389	4,058	310	6,844
Eating and drinking places	251,473	2,390,860	257,566	646,935	413,720	30,224	1,000,041
Restaurants, cafeterias, lunchrooms	113,037	1,453,118	116,408	442,908	282,637	16,392	677,590
Lunch counters, refreshment stands	40,431	213,781	40,174	52,844	29,595	3,045	76,498
Drinking places	98,005	723,961	100,984	151,183	101,488	10,787	245,953
Drug stores	56,697	1,232,593	42,363	159,130	143,354	9,035	291,770
Drug stores with fountain	38,731	950,328	32,199	127,830	112,660	6,881	227,071
Drug stores without fountain	17,966	282,265	16,164	31,300	30,694	2,154	64,699
Other retail stores	151,240	2,947,127	131,822	300,295	331,410	26,034	678,205
Bicycle shops	781	5,149	763	628	493	68	1,131
Book stores	2,979	67,007	2,384	12,117	13,474	767	23,803
Cigar stores and cigar stands	15,350	182,950	13,717	15,111	13,820	793	35,675
Florists	11,242	98,718	10,976	17,320	15,964	1,331	36,724
Fuel and ice dealers	35,293	859,018	31,626	91,573	106,066	13,257	206,521

[1] Includes no compensation for proprietors and firm members of unincorporated businesses.

No. 857.—Retail Trade—Summary, by Business Groups and Kind of Business: 1935—Continued

Kind of business	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars)		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
Other retail stores—Continued.							
Gift, novelty, souvenir shops	5,512	31,502	5,370	4,285	3,366	445	9,097
Hay, grain, feed stores (without groceries)	10,350	317,390	8,720	17,418	16,284	1,037	33,729
Hay, grain, and feed stores (with groceries)	782	29,277	612	1,626	1,397	89	2,822
Farm and garden supply stores	9,176	252,471	8,259	18,732	18,248	1,645	38,169
Jewelry stores	12,447	234,893	11,096	25,709	35,479	1,303	81,856
Luggage stores	829	16,230	670	1,721	2,124	103	5,125
News dealers	7,071	61,655	5,590	13,843	6,491	1,127	13,992
Sporting goods stores	1,944	35,315	1,741	3,692	4,252	199	9,193
Beer and liquor stores (packaged)	12,105	328,307	8,922	16,312	19,458	1,007	41,555
Other classifications	25,379	427,245	21,376	60,208	74,494	2,863	138,813
Second-hand stores	**22,550**	**113,340**	**22,549**	**20,994**	**17,113**	**1,769**	**33,588**
Second-hand stores—clothing and shoe	2,862	6,544	2,820	1,192	631	67	1,666
Second-hand furniture	6,941	21,961	7,032	3,383	2,232	303	5,707
Second-hand tires, accesories, and parts	6,433	29,988	6,359	7,121	5,392	545	9,396
Pawn shops	1,142	20,489	1,004	2,258	3,096	91	6,150
Second-hand stores—other	5,172	34,358	4,834	7,040	5,762	763	10,669

No. 858.—Retail Chains—Summary: 1929, 1933, and 1935

[Sales and pay roll in thousands of dollars]

	1929	1933	1935		1929	1933	1935
Number of chains	7,061	5,546	6,079	Employees, full-time and part-time	(2)	1,104,406	1,171,671
Number of retail units (stores)[1]	159,638	152,308	139,810	Stores	(2)	985,984	1,071,694
Number of central offices	(2)	(2)	1,914	Central offices	(2)	118,422	73,655
Number of warehouses[3]	559	462	492	Warehouses	26,442		26,322
Sales through stores, all chains	10,740,385	6,767,766	8,460,611	Pay roll, total	(2)	1,051,990	1,211,066
Central-office sales	(2)	215,583	281,779	Stores	(2)	868,358	1,023,125
Value (wholesale) of merchandise handled through chain-store warehouses en route to stores[4]	1,929,681	1,431,563	1,864,221	Central offices	(2)	155,249	153,993
				Warehouses	40,635	28,383	33,948
				Total pay roll per $100 of total sales	(2)	$15.06	$13.85

[1] Includes besides the units classified as store chains in tables 859 and 860, leased-department chains (3,664 for 1935), State liquor stores (2,053 for 1935), and other lesser types (6,611 for 1935).
[2] No comparable data available.
[3] Reported by 228 chains.
[4] Including merchandise sold at wholesale through the central offices. Figures do not represent the cost of goods sold. They relate only to merchandise billed through warehouses, which is but a small part of the total quantity of goods sold by chain stores. This figure is sometimes regarded as part of the total of wholesale distribution, performed by the chains instead of by merchant wholesalers.

No. 859.—Retail Trade—Number of Stores and Net Sales, by Type of Operation: 1929, 1933, and 1935

Type of operation	Number of stores			Net sales (thousands of dollars)		
	1929	1933	1935	1929	1933	1935
Total, all types	1,543,158	1,526,119	1,653,961	49,114,653	25,037,225	33,161,276
Independents	1,375,509	1,349,356	1,474,149	38,081,504	17,846,332	24,246,112
Chains	148,037	141,676	127,482	9,834,846	6,372,554	7,550,186
Leased departments	4,271	(1)	7,181	154,024	(1)	156,111
Utility-operated	4,053	4,127	3,936	103,371	76,079	123,242
Mail-order	271	311	378	515,237	244,381	420,027
Direct-selling	1,661	6,934	6,349	93,961	107,813	125,316
State liquor			2,053			160,665
Other types	9,356	[1] 23,715	32,433	271,710	[1] 390,066	379,617

[1] "Leased departments" included with "Other types."

Source of tables 857, 858, and 859: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. I, for tables 857 and 859 and Retail Chains for table 858.

No. 860.—Retail Trade—Summary for 26 Kinds of Business, by Type of Operation: 1935

Type of operation and kind of business	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members [1]	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars) [2]		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
United States total	1,653,961	33,161,276	1,511,734	3,961,478	3,623,289	235,123	7,591,912
Independents	1,474,149	24,246,112	1,471,938	2,838,801	2,558,615	184,449	5,387,686
Single-store	1,419,855	21,634,246	1,447,214	2,521,921	2,226,042	151,067	4,736,210
Two-store	40,897	1,749,849	21,014	209,019	219,913	9,116	426,303
Three-store	13,054	771,246	3,645	93,614	97,296	3,875	195,871
Local branch systems	343	90,771	65	14,247	15,364	391	29,302
Chains	127,482	7,550,186	2,702	963,636	910,569	61,352	1,884,980
Local	17,964	1,021,613	1,386	134,012	143,752	5,730	300,887
Sectional and national	107,593	6,413,596	1,310	807,808	739,892	55,248	1,538,650
Manufacturer-controlled	1,925	114,977	6	21,816	26,925	374	45,443
All other types	52,330	1,364,978	37,094	159,041	154,105	9,322	319,246
Leased departments, independent	3,517	48,041	3,408	5,971	4,821	467	11,033
Leased departments, chain	3,664	108,070	112	17,071	14,902	1,478	36,804
Utility-operated stores	3,936	123,242	27	20,920	22,925	3,311	43,814
Mail-order houses	378	420,027	195	40,969	39,888	851	106,281
Direct selling (house-to-house)	6,349	125,316	5,178	33,570	35,183	772	51,997
State liquor stores [3]	2,053	160,665	12	4,954	8,196	258	13,366
Military post canteens	487	5,524	145	728	557	33	1,087
Commissaries or company stores	1,888	113,126	528	9,334	9,844	346	16,269
Other types	30,058	260,967	27,489	25,524	17,789	1,806	37,935
Grocery stores (without meats)	188,738	2,202,607	170,415	156,031	125,802	10,974	281,982
Independents	164,404	1,339,524	168,794	81,193	54,560	5,111	146,709
Chains	22,632	842,075	124	72,698	69,385	5,779	131,450
All other types	1,702	21,008	1,497	2,140	1,851	84	3,803
Combination stores (groc. and meats)	166,233	4,149,813	148,321	359,716	304,006	22,926	617,799
Independents	139,994	2,509,867	147,462	206,746	157,635	11,657	331,225
Chains	25,607	1,624,513	347	151,662	145,130	11,199	284,275
All other types	632	15,433	512	1,308	1,241	70	2,299
Beer and liquor stores (packaged)	12,105	328,307	8,922	16,312	19,458	1,007	41,555
Independents	9,718	157,696	8,819	10,816	10,603	741	26,769
Chains	226	6,020	18	428	563	3	1,215
State liquor stores [3]	2,053	160,665	12	4,954	8,196	258	13,366
All other types	108	3,926	73	114	96	5	205
Motor-vehicle dealers	35,045	3,847,642	30,219	267,022	325,043	5,708	597,237
Independents	34,504	3,678,674	30,192	255,662	308,560	5,590	566,023
Chains	536	168,337	24	11,247	16,422	118	30,956
All other types	6	631	3	113	61	-------	258
Accessories-tire-battery dealers	14,343	373,910	10,384	45,751	54,557	1,786	107,978
Independents	10,885	186,808	10,325	21,967	26,764	947	50,291
Chains	3,453	186,917	55	23,757	27,762	838	57,621
All other types	5	185	4	27	31	1	66
Filling stations	197,568	1,967,714	179,870	203,753	177,128	11,400	356,727
Independents	177,529	1,530,994	179,381	145,527	106,904	10,075	228,711
Chains	19,575	423,082	262	57,130	69,022	1,279	126,097
All other types	464	13,638	227	1,096	1,202	46	1,919
Department stores	4,201	3,311,070	756	492,090	465,910	25,040	966,104
Independents	1,711	2,034,945	741	337,865	334,857	12,182	655,671
Chains	2,423	883,101	11	116,366	99,342	12,145	217,712
Mail-order houses	33	386,200	3	37,228	34,053	658	91,653
All other types	34	6,824	1	631	658	55	1,068
Variety stores	11,741	780,819	5,846	171,375	91,295	13,107	208,082
Independents	6,056	71,944	5,683	12,532	6,715	893	15,033
Chains	5,658	708,651	140	158,799	84,557	12,212	193,001
All other types	27	224	23	44	23	2	48
Men's clothing and furnishings stores	20,914	659,617	17,183	58,283	74,815	3,847	176,574
Independents	19,018	514,640	16,867	46,477	57,570	3,104	131,299
Chains	1,592	138,528	74	11,381	16,678	779	42,875
All other types	304	6,449	242	425	567	64	2,400
Family clothing stores	7,881	358,849	6,060	46,777	47,205	2,296	103,173
Independents	6,915	282,955	5,998	36,304	36,001	1,796	78,574
Chains	923	74,008	33	10,312	10,959	497	24,024
All other types	43	1,886	29	161	245	3	575

[1] Figures for chains are active owners of unincorporated chains; they do not indicate the number of companies.
[2] Includes no compensation for proprietors and firm members of unincorporated businesses.
[3] Includes county or municipal liquor stores in some States.

No. 860.—RETAIL TRADE—SUMMARY FOR 26 KINDS OF BUSINESS, BY TYPE OF OPERATION: 1935—Continued

Type of operation and kind of business	Number of stores	Net sales (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars)		Operating expenses, incl. pay roll (thousands of dollars)
					Total	Part-time	
Women's ready-to-wear stores	21,975	794,992	17,068	107,469	103,047	6,573	228,873
Independents	19,265	574,900	16,838	79,175	77,450	4,511	165,680
Chains	2,407	200,077	122	25,768	23,426	1,810	57,491
All other types	303	20,015	108	2,526	2,171	252	5,702
Shoe stores	18,967	511,399	11,668	57,131	56,623	4,775	142,884
Independents	13,027	221,712	11,452	22,920	24,162	1,731	56,951
Chains	5,006	255,564	99	29,416	28,308	2,705	75,486
All other types	934	34,123	117	4,795	4,153	339	10,447
Furniture stores	17,043	694,578	14,855	77,905	102,065	3,092	221,867
Independents	16,468	597,255	14,819	67,570	87,520	2,790	186,446
Chains	561	93,821	26	9,893	13,825	295	34,014
All other types	14	3,502	10	442	720	7	1,407
Household appliance and radio stores	14,100	381,171	7,810	65,836	75,156	5,428	133,070
Independents	8,392	183,279	7,748	24,558	28,020	1,713	51,867
Chains	1,196	47,987	11	13,160	14,201	347	22,074
All other types	4,512	149,905	51	28,118	32,935	3,368	59,129
Radio dealers	4,296	57,152	4,225	6,135	7,513	442	16,442
Independents	4,176	43,233	4,209	5,238	5,337	390	11,735
Chains	103	13,187	7	797	2,060	50	4,425
All other types	17	732	9	100	116	2	282
Lumber and building material dealers	21,149	866,865	10,819	90,858	108,801	6,866	202,074
Independents	15,476	655,519	10,710	70,816	85,840	5,869	157,028
Chains	5,619	206,097	100	19,549	22,443	988	43,711
All other types	54	5,249	9	493	518	9	1,335
Hardware stores and implement dealers	36,633	758,979	36,293	67,716	70,939	4,495	146,374
Independents	35,956	724,306	36,202	64,910	67,464	4,372	138,935
Chains	585	32,911	18	2,601	3,242	116	7,210
All other types	92	1,762	73	205	233	7	229
Restaurants and eating places	153,468	1,666,899	156,582	495,752	312,232	19,437	754,088
Independents	146,747	1,399,785	154,035	412,640	252,718	16,844	610,730
Chains	3,988	242,354	123	76,145	54,912	2,107	132,082
All other types	2,733	24,760	2,424	6,967	4,602	486	11,276
Drinking places	98,005	723,961	100,984	151,183	101,488	10,787	245,953
Independents	97,205	718,215	100,338	149,787	100,621	10,677	243,874
Chains	46	813	18	163	136	4	256
All other types	754	4,933	628	1,233	731	106	1,823
Cigar stores and cigar stands	15,350	182,950	13,717	15,111	13,820	793	35,675
Independents	13,462	111,851	13,487	9,796	7,617	693	20,840
Chains	1,608	65,525	17	4,987	5,824	81	13,876
All other types	280	5,574	213	328	379	19	959
Fuel and ice dealers	35,293	859,018	31,626	91,573	106,066	13,257	206,521
Independents	32,720	710,707	30,366	77,974	87,010	10,640	168,232
Chains	1,289	141,423	32	12,731	18,348	2,478	36,901
All other types	1,284	6,888	1,228	868	708	139	1,388
Drug stores with fountain	38,731	950,328	32,199	127,830	112,660	6,881	227,071
Independents	35,581	676,103	32,119	92,759	77,527	6,314	154,428
Chains	3,107	273,324	49	34,957	35,026	566	72,429
All other types	43	901	31	114	107	1	214
Drug stores without fountain	17,966	282,265	16,164	31,300	30,694	2,154	64,699
Independents	17,274	237,285	16,107	27,151	25,613	2,038	53,978
Chains	637	43,483	25	3,964	4,883	107	10,303
All other types	55	1,497	32	185	198	9	418
Hay, grain, and feed stores	11,132	346,667	9,332	19,044	17,681	1,126	36,551
Independents	9,590	248,126	9,228	14,456	12,606	937	26,980
Chains	1,006	55,443	58	2,974	3,264	129	6,523
All other types	536	43,098	46	1,614	1,811	60	3,048
Farm and garden supply stores	9,176	252,471	8,259	18,732	18,248	1,645	38,169
Independents	8,100	189,294	7,930	14,375	13,926	1,415	29,109
Chains	191	11,891	7	1,088	1,189	24	2,577
All other types	885	51,286	322	3,269	3,133	206	6,483
Jewelry stores	12,447	234,893	11,096	25,709	35,479	1,303	81,856
Independents	12,047	212,002	11,024	23,050	31,291	1,235	70,992
Chains	323	20,890	31	2,399	3,916	62	10,201
All other types	77	2,001	41	260	272	6	663
All other kinds of business	469,461	5,616,340	451,061	695,084	662,558	47,878	1,352,554

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. I.

No. 861.—Retail Trade—Summary,

[Sales, pay roll, and expenses

Division and State	Number of stores			Net sales					Active proprietors and firm members, 1935
				Amount			Percent change		
	1929	1933	1935	1929	1933	1935	1933 from 1929	1935 from 1933	
United States	1,543,158	1,526,119	1,653,961	49,114,653	25,037,225	33,161,276	—49	32	1,511,734
New England	108,764	105,646	114,044	3,785,869	2,167,760	2,721,911	—43	26	95,803
Maine	11,091	11,429	12,766	307,627	184,386	232,599	—40	26	11,384
New Hampshire	6,557	6,368	7,225	184,285	111,799	152,583	—39	36	6,559
Vermont	5,189	4,934	4,958	152,176	78,600	99,121	—48	26	4,545
Massachusetts	54,183	52,430	55,536	2,054,976	1,195,161	1,461,180	—42	22	45,426
Rhode Island	9,542	8,438	9,095	318,295	167,288	219,706	—47	31	7,684
Connecticut	22,202	22,047	24,464	768,510	430,526	556,722	—44	29	20,205
Middle Atlantic	385,302	358,489	402,028	12,717,899	6,633,819	8,460,917	—48	28	357,709
New York	190,017	178,614	204,511	7,070,414	3,739,992	4,749,708	—47	27	181,621
New Jersey	60,010	64,190	67,798	1,843,545	1,016,928	1,220,299	—45	20	58,755
Pennsylvania	135,275	115,685	129,719	3,803,940	1,876,899	2,490,910	—51	33	117,333
East North Central	317,667	327,771	340,303	11,262,958	5,314,073	7,170,586	—53	35	310,512
Ohio	83,717	85,961	93,268	2,864,831	1,442,132	1,956,941	—50	36	83,458
Indiana	41,618	41,256	42,471	1,222,384	569,972	780,508	—53	37	39,986
Illinois	96,900	98,870	98,538	3,711,903	1,728,880	2,173,069	—53	26	89,533
Michigan	55,958	57,121	61,967	2,226,308	949,137	1,388,236	—57	46	56,552
Wisconsin	39,474	44,563	44,154	1,237,442	623,952	871,832	—50	40	40,983
West North Central	170,644	180,307	192,570	5,969,554	2,641,958	3,521,954	—50	33	182,871
Minnesota	30,725	33,879	37,495	1,051,930	585,102	820,010	—44	40	35,367
Iowa	32,716	34,643	38,979	972,136	479,695	650,029	—51	36	38,045
Missouri	47,039	49,247	50,927	1,448,220	759,125	946,125	—48	25	47,645
North Dakota	8,077	7,981	9,019	234,540	108,087	150,208	—54	39	8,451
South Dakota	8,845	8,566	9,618	255,197	106,196	147,564	—58	39	8,985
Nebraska	17,637	19,212	19,099	562,945	274,575	359,757	—51	31	17,979
Kansas	25,605	26,779	27,433	744,586	329,178	448,261	—56	36	26,399
South Atlantic	169,068	168,200	181,731	4,201,755	2,477,028	3,296,008	—41	33	163,509
Delaware	3,688	3,420	4,390	103,512	57,910	76,877	—44	33	3,975
Maryland	21,082	23,487	23,349	619,573	384,384	462,874	—38	20	21,557
Dist. of Col	5,931	6,156	6,472	336,262	241,515	330,813	—28	37	4,815
Virginia	26,120	26,451	26,757	600,929	358,102	471,329	—40	32	23,901
West Virginia	17,244	17,128	18,975	447,877	244,071	332,190	—46	36	16,982
North Carolina	28,831	27,652	29,462	653,419	363,111	463,219	—44	28	27,303
South Carolina	15,036	15,528	16,686	300,220	186,215	248,206	—38	33	14,672
Georgia	28,687	26,681	31,310	635,440	352,916	484,693	—45	37	28,625
Florida	22,449	21,697	24,330	504,523	288,804	425,807	—43	47	21,679
East South Central	89,199	83,270	94,034	2,171,995	1,025,923	1,386,429	—53	35	89,689
Kentucky	27,117	25,672	29,286	587,340	304,605	388,278	—48	27	28,192
Tennessee	23,384	22,777	27,445	643,817	330,079	482,586	—49	46	26,087
Alabama	21,442	20,049	22,167	527,101	250,384	337,217	—53	35	20,740
Mississippi	17,256	14,772	15,136	413,737	140,855	178,348	—66	27	14,670
West South Central	135,482	132,505	138,709	3,727,371	1,751,553	2,309,174	—53	32	133,233
Arkansas	17,937	15,918	18,292	412,680	180,095	240,724	—56	34	18,162
Louisiana	23,288	22,230	23,189	476,643	264,123	344,393	—45	30	21,399
Oklahoma	27,339	26,434	26,022	795,028	341,774	434,793	—57	27	25,275
Texas	66,918	67,914	71,206	2,043,020	965,561	1,289,264	—53	34	68,397
Mountain	44,661	44,301	49,140	1,548,650	739,614	1,100,728	—52	49	44,975
Montana	6,951	6,732	7,944	243,828	112,382	189,457	—54	69	7,114
Idaho	4,916	5,139	5,863	169,087	87,406	140,167	—48	60	5,347
Wyoming	2,983	3,169	3,486	103,437	55,970	82,681	—46	48	3,240
Colorado	13,993	13,700	14,273	466,959	233,014	302,559	—50	30	13,231
New Mexico	4,191	4,246	4,812	119,759	53,944	88,751	—55	65	4,612
Arizona	5,068	4,749	5,214	198,620	76,250	121,083	—62	59	4,904
Utah	5,249	5,103	5,839	196,559	91,968	132,098	—53	44	5,004
Nevada	1,310	1,463	1,709	50,401	28,680	43,932	—43	53	1,523
Pacific	122,371	125,630	141,312	4,428,602	2,285,497	3,193,569	—48	40	133,433
Washington	22,110	22,307	25,086	761,808	368,171	528,709	—52	44	23,343
Oregon	14,570	13,769	15,352	455,931	224,447	335,851	—51	50	14,493
California	85,691	89,554	100,874	3,210,863	1,692,879	2,329,009	—47	38	95,597

[1] Includes no compensation for proprietors and firm members of unincorporated businesses.

BY STATES: 1929, 1933, AND 1935

[In thousands of dollars]

Employees (full-time and part-time), average for year			Pay roll [1]					Operating expenses (including pay roll), 1935	Division and State
					1935				
1929	1933	1935	1929	1933	Total	Full-time	Part-time		
4,402,940	3,433,652	3,961,478	5,189,670	2,910,445	3,623,289	3,388,166	235,123	7,591,912	U. S.
360,979	290,649	330,467	422,040	268,852	322,456	300,257	22,199	658,074	N. E.
26,482	22,147	24,783	28,012	18,715	22,100	20,531	1,569	46,242	Maine.
16,209	13,469	16,249	16,786	11,377	14,881	13,870	1,011	31,065	N. H.
11,725	9,540	10,083	12,763	7,809	8,771	8,115	656	18,715	Vt.
206,478	166,385	186,136	241,100	156,224	182,065	169,047	13,018	369,408	Mass.
31,975	23,477	28,881	36,183	21,242	27,671	25,869	1,802	55,453	R. I.
68,110	55,632	64,335	87,196	53,485	66,968	62,825	4,143	137,191	Conn.
1,087,698	844,861	982,340	1,397,727	811,903	989,038	929,540	59,498	2,167,070	M. A.
575,145	449,141	527,564	792,285	464,707	568,838	537,237	31,596	1,258,441	N. Y.
146,145	119,733	136,907	193,503	119,927	140,660	131,839	8,821	305,129	N. J.
366,408	275,988	317,869	411,939	227,269	279,545	260,464	10,081	603,500	Pa.
1,012,427	769,440	873,507	1,247,467	633,401	800,496	742,483	58,013	1,657,670	E. N. C.
266,286	210,141	242,003	318,274	172,264	219,407	203,023	16,384	442,578	Ohio.
118,561	85,507	98,052	125,966	63,315	81,580	75,188	6,392	166,765	Ind.
338,926	252,865	272,784	440,280	221,323	263,232	247,287	15,945	557,477	Ill.
183,473	134,688	163,278	241,870	108,969	152,323	141,873	10,450	308,229	Mich.
105,181	86,238	97,390	121,077	67,530	83,954	75,112	8,842	182,621	Wis.
469,698	367,129	413,964	497,830	281,835	340,260	315,321	24,939	727,455	W. N. C.
93,072	78,320	92,498	103,817	64,783	83,029	77,177	5,852	177,612	Minn.
85,549	66,144	73,273	86,094	47,020	55,814	50,832	4,982	122,676	Iowa.
140,727	112,597	124,849	153,142	90,182	104,127	97,432	6,695	218,600	Mo.
16,755	11,950	14,076	17,931	9,301	12,132	11,167	965	27,143	N. Dak.
20,423	13,171	15,687	20,556	9,393	12,152	11,221	931	27,255	S. Dak.
47,049	38,052	40,967	49,678	28,343	33,143	30,587	2,556	70,970	Nebr.
65,223	46,896	52,634	66,612	32,813	39,863	36,905	2,958	83,199	Kans.
411,751	357,880	423,911	419,553	268,958	344,069	324,917	19,152	684,782	S. A.
9,205	7,563	9,102	9,842	6,331	8,364	7,906	458	16,799	Del.
60,072	53,302	59,681	64,292	45,707	51,738	48,649	3,089	109,641	Md.
34,519	32,905	42,069	44,385	33,681	43,905	42,102	1,803	87,853	D. C.
60,280	51,975	58,105	61,386	40,065	48,547	45,943	2,604	95,470	Va.
37,090	31,930	37,269	42,106	24,470	31,512	29,424	2,088	61,704	W. Va.
61,272	53,181	60,207	58,066	35,165	44,233	41,418	2,815	86,285	N. C.
30,363	27,662	33,327	26,128	16,961	22,688	21,223	1,465	42,425	S. C.
67,044	54,426	66,896	60,599	35,763	46,963	44,473	2,490	92,448	Ga.
51,902	42,937	57,255	52,749	30,815	46,119	43,779	2,340	92,157	Fla.
201,017	150,601	175,856	193,312	100,848	129,778	122,157	7,621	262,777	E. S. C.
53,971	42,350	48,481	53,266	30,220	36,931	34,548	2,383	73,831	Ky.
63,256	47,866	61,474	61,176	33,564	46,784	44,152	2,632	96,075	Tenn.
50,156	38,648	42,517	48,123	23,788	30,360	28,669	1,691	61,618	Ala.
33,634	21,737	23,384	30,747	13,271	15,703	14,788	915	31,253	Miss.
336,737	254,401	291,496	348,243	182,059	224,272	212,524	11,748	452,599	W. S. C.
34,658	23,917	28,046	33,034	15,299	19,427	18,209	1,218	38,703	Ark.
56,578	43,351	50,271	48,982	30,411	36,864	35,305	1,559	76,557	La.
68,154	48,776	53,809	74,266	34,629	41,181	38,584	2,597	85,308	Okla.
183,347	138,357	159,370	191,961	101,720	126,800	120,426	6,374	251,941	Tex.
131,984	94,230	114,904	155,952	80,163	109,178	101,549	7,629	225,558	Mt.
18,418	13,105	17,751	23,317	11,813	18,775	17,142	1,633	37,581	Mont.
13,021	9,849	13,064	15,386	7,940	12,659	11,791	868	26,143	Idaho.
7,588	6,155	7,335	9,669	5,777	7,426	6,981	445	16,104	Wyo.
44,760	32,439	34,049	50,731	27,174	29,971	28,020	1,951	63,745	Colo.
9,808	6,825	9,396	10,344	5,351	8,269	7,799	470	16,488	N. Mex.
16,182	9,815	13,156	19,900	8,455	12,530	11,744	786	25,337	Ariz.
18,689	12,866	15,891	21,509	10,336	14,611	13,403	1,208	30,051	Utah.
3,518	3,175	4,262	5,096	3,317	4,937	4,669	268	10,109	Nev.
390,649	304,461	355,013	507,546	282,431	363,742	339,418	24,324	755,927	Pac.
67,917	50,113	57,423	83,444	42,262	56,287	52,019	4,268	116,115	Wash.
40,514	28,775	35,066	48,154	24,064	33,814	31,467	2,347	71,087	Oreg.
282,218	225,572	262,524	375,948	216,105	273,641	255,932	17,709	568,725	Calif.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. I.

No. 862.—Retail Trade—Summary for Each City Having (in 1930) 50,000 or More Inhabitants: 1935

City	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year[1]	Pay roll (thousands of dollars)[2]
Akron, Ohio	3,303	95,899	12,721	12,725
Albany, N. Y	2,256	79,742	9,620	9,663
Allentown, Pa	1,424	35,659	5,177	4,403
Altoona, Pa	1,152	25,545	3,714	2,953
Asheville, N. C	668	19,351	2,806	2,322
Atlanta, Ga	3,833	136,842	19,570	16,343
Atlantic City, N. J	1,734	37,107	5,525	5,092
Augusta, Ga	971	20,584	3,267	2,463
Austin, Tex	969	26,695	3,695	3,080
Baltimore, Md	13,557	301,137	41,496	37,587
Bayonne, N. J	1,217	17,129	1,714	1,591
Beaumont, Tex	886	23,025	3,143	2,753
Berkeley, Calif	1,155	25,636	3,041	3,080
Bethlehem, Pa	869	15,507	1,968	1,645
Binghamton, N. Y	1,070	38,048	4,520	4,491
Birmingham, Ala	2,639	73,764	11,403	9,195
Boston, Mass	10,649	439,121	60,968	65,746
Bridgeport, Conn	2,451	57,030	7,237	7,506
Brockton, Mass	814	21,977	3,222	2,745
Buffalo, N. Y	8,097	205,396	26,652	25,782
Cambridge, Mass	1,372	39,111	5,346	5,035
Camden, N. J	2,089	38,705	4,665	4,613
Canton, Ohio	1,529	39,802	5,038	4,608
Cedar Rapids, Iowa	1,012	23,586	2,855	2,630
Charleston, S. C	972	20,142	3,184	2,326
Charleston, W. Va	1,020	33,731	4,415	4,402
Charlotte, N. C	951	31,690	4,820	4,148
Chattanooga, Tenn	1,826	44,065	6,195	5,296
Chester, Pa	1,018	17,343	2,233	2,127
Chicago, Ill	44,382	1,215,706	160,917	166,591
Cicero, Ill	990	14,268	1,363	1,341
Cincinnati, Ohio	6,948	196,867	26,517	24,776
Cleveland, Ohio	13,924	355,210	47,601	48,890
Cleveland Heights, Ohio	314	10,408	1,313	1,393
Columbia, S. C	840	22,809	3,520	2,809
Columbus, Ohio	4,070	118,274	17,007	15,696
Covington, Ky	1,109	16,424	2,122	1,820
Dallas, Tex	4,116	123,550	17,301	15,967
Davenport, Iowa	961	26,923	3,695	3,147
Dayton, Ohio	3,332	80,483	10,626	10,135
Dearborn, Mich	512	15,060	1,643	1,581
Decatur, Ill	787	23,057	3,002	2,634
Denver, Colo	4,184	127,497	15,741	14,873
Des Moines, Iowa	2,408	68,801	9,231	8,458
Detroit, Mich	19,133	543,690	68,672	71,337
Duluth, Minn	1,420	41,073	5,687	5,295
Durham, N. C	577	17,133	2,549	1,994
East Chicago, Ind	753	9,703	1,080	960
East Orange, N. J	885	22,724	2,442	2,639
East St. Louis, Ill	1,148	19,661	2,491	2,246
Elizabeth, N. J	2,431	42,911	4,639	4,976
El Paso, Tex	1,279	31,806	4,315	3,912
Erie, Pa	1,718	38,051	5,290	4,658
Evanston, Ill	629	31,067	3,819	4,640
Evansville, Ind	1,382	30,510	4,116	3,748
Fall River, Mass	1,750	31,271	4,182	3,686
Flint, Mich	1,872	58,303	6,675	6,456
Fort Wayne, Ind	1,620	42,668	6,021	5,377
Fort Worth, Tex	2,441	64,503	8,619	7,201
Fresno, Calif	1,478	41,631	4,386	4,771
Galveston, Tex	831	17,887	2,641	2,305
Gary, Ind	1,239	29,277	3,625	3,378
Glendale, Calif	1,148	28,313	2,950	2,979
Grand Rapids, Mich	2,375	59,784	7,988	7,116
Greensboro, N. C	648	20,875	3,121	2,547
Hamilton, Ohio	886	18,088	2,068	1,920
Hammond, Ind	816	24,102	2,811	2,809
Hamtramck, Mich	765	13,774	1,637	1,565
Harrisburg, Pa	1,235	37,895	5,487	5,069
Hartford, Conn	2,667	88,639	11,552	12,704
Highland Park, Mich	611	20,293	2,275	2,207
Hoboken, N. J	1,289	16,774	1,827	1,980
Holyoke, Mass	731	17,963	2,310	2,119
Houston, Tex	3,876	113,715	15,358	13,705
Huntington, W. Va	1,078	24,456	3,251	2,806
Indianapolis, Ind	4,757	139,084	20,712	18,911
Irvington, N. J	936	14,348	1,444	1,418
Jackson, Mich	746	19,719	2,398	2,104
Jacksonville, Fla	1,991	50,745	8,027	6,507
Jersey City, N. J	4,890	76,954	8,185	8,651
Johnstown, Pa	705	20,193	2,948	2,490
Kalamazoo, Mich	804	26,880	3,105	2,996
Kansas City, Kans	1,706	27,782	3,445	2,830
Kansas City, Mo	5,985	209,399	30,796	26,165
Kenosha, Wis	673	15,969	1,810	1,604
Knoxville, Tenn	1,518	41,730	6,216	4,997
Lakewood, Ohio	583	15,717	1,968	1,773
Lancaster, Pa	1,353	25,117	3,555	3,024
Lansing, Mich	1,071	38,872	4,735	4,608
Lawrence, Mass	1,415	30,834	3,710	3,443
Lincoln, Nebr	1,109	36,426	5,068	4,508
Little Rock, Ark	1,319	31,847	4,631	3,685
Long Beach, Calif	3,054	63,181	7,163	7,201
Los Angeles, Calif	23,471	593,902	79,931	80,965
Louisville, Ky	4,488	100,702	14,907	13,067
Lowell, Mass	1,314	30,962	4,089	3,639
Lynn, Mass	1,412	34,615	4,866	4,580
Macon, Ga	912	20,453	3,191	2,435
Madison, Wis	1,033	36,267	4,764	4,608
Malden, Mass	749	19,775	2,571	2,312
Manchester, N. H	1,058	28,537	3,511	3,222
McKeesport, Pa	672	19,297	2,549	2,053
Medford, Mass	419	11,017	1,230	1,202
Memphis, Tenn	3,242	101,915	14,121	11,832
Miami, Fla	2,641	75,326	10,113	9,513
Milwaukee, Wis	9,351	236,941	30,464	29,214
Minneapolis, Minn	6,446	220,834	30,114	30,032
Mobile, Ala	1,127	23,457	3,554	2,718
Montgomery, Ala	1,011	21,425	3,361	2,624
Mount Vernon, N. Y	994	27,660	2,705	3,295
Nashville, Tenn	3,199	74,561	10,672	8,971
Newark, N. J	8,593	197,527	25,256	27,980
New Bedford, Mass	1,671	35,197	4,917	4,162
New Britain, Conn	881	18,104	2,012	2,019
New Haven, Conn	2,945	71,638	8,942	9,630
New Orleans, La	6,835	123,524	20,917	15,823
New Rochelle, N. Y	825	25,328	2,739	3,340
Newton, Mass	521	17,391	1,999	2,071
New York, N. Y	115,567	2,847,332	323,590	369,483
Bronx	17,492	311,499	26,236	30,845
Brooklyn	37,932	677,258	65,666	74,072
Manhattan	41,233	1,462,499	193,798	222,023
Queens	16,278	351,364	33,805	38,058
Richmond	2,632	44,712	4,085	4,485
Niagara Falls, N. Y	1,105	25,642	3,175	2,889
Norfolk, Va	2,112	50,120	7,238	6,569
Oakland, Calif	5,256	141,781	16,068	16,903
Oak Park, Ill	582	23,799	3,020	3,191
Oklahoma City, Okla	2,420	72,308	9,935	8,662
Omaha, Nebr	3,061	90,675	12,070	11,481
Pasadena, Calif	1,566	45,003	5,336	5,590
Passaic, N. J	1,303	26,665	2,981	3,180
Paterson, N. J	2,650	54,596	6,355	6,649
Pawtucket, R. I	1,020	28,224	3,520	3,363
Peoria, Ill	1,467	46,816	6,774	6,261
Philadelphia, Pa	29,604	656,744	90,914	85,696
Pittsburgh, Pa	7,400	266,551	39,617	38,252
Pontiac, Mich	779	24,386	2,776	2,672
Port Arthur, Tex	611	14,355	1,862	1,661
Portland, Maine	1,223	37,122	4,627	4,755

[1] Full-time and part-time.

[2] See note 1, table 861.

No. 862.—Retail Trade—Summary for Each City Having (in 1930) 50,000 or More Inhabitants: 1935—Continued

City	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year	Pay roll (thousands of dollars)	City	Number of stores	Net sales (thousands of dollars)	Employees, avg. for year	Pay roll (thousands of dollars)
Portland, Oreg	5,109	147,413	18,079	18,066	Spokane, Wash	1,953	58,403	6,683	6,549
Providence, R. I	3,603	113,392	15,919	16,033	Springfield, Ill	937	28,920	3,667	3,447
Pueblo, Colo	733	15,776	2,136	1,655	Springfield, Mass	2,195	71,557	9,729	9,639
Quincy, Mass	827	24,097	3,072	2,832	Springfield, Mo	1,053	21,406	2,819	2,350
Racine, Wis	956	22,217	2,409	2,173	Springfield, Ohio	1,083	25,914	3,297	3,270
Reading, Pa	2,549	48,843	6,353	5,870	Syracuse, N. Y	2,798	81,384	10,619	9,875
Richmond, Va	2,606	79,837	11,363	10,737	Tacoma, Wash	1,774	39,345	4,809	4,682
Roanoke, Va	872	28,801	3,790	3,567	Tampa, Fla	1,654	34,764	4,898	4,056
Rochester, N. Y	4,745	132,420	16,438	16,527	Terre Haute, Ind	1,124	26,790	3,527	3,259
Rockford, Ill	1,212	31,651	4,045	3,782	Toledo, Ohio	4,037	112,550	14,672	14,285
Sacramento, Calif	1,868	54,815	5,901	6,662	Topeka, Kans	1,053	26,366	3,595	3,035
Saginaw, Mich	1,044	28,850	3,482	3,125	Trenton, N. J	2,323	48,825	6,004	5,867
St. Joseph, Mo	1,198	25,976	3,586	3,012	Troy, N. Y	1,203	29,818	3,519	3,682
St. Louis, Mo	12,790	316,398	45,519	42,755	Tulsa, Okla	1,820	56,019	7,851	7,380
St. Paul, Minn	3,581	137,155	16,854	16,567	Union City, N. J	1,258	24,255	2,646	2,930
Salt Lake City, Utah	1,649	59,229	8,242	7,907	Utica, N. Y	1,644	41,151	4,927	4,733
San Antonio, Tex	4,107	78,744	11,688	9,542	Waco, Tex	898	18,586	2,427	1,925
San Diego, Calif	3,107	75,549	8,836	9,191	Washington, D. C	6,472	330,813	42,069	43,905
San Francisco, Calif	10,251	298,371	39,020	43,541	Waterbury, Conn	1,355	33,495	4,233	4,232
San Jose, Calif	1,056	31,049	3,279	3,760	Wheeling, W. Va	1,074	29,169	4,464	3,807
Savannah, Ga	1,327	24,799	4,001	2,952	Wichita, Kans	1,813	49,464	6,644	5,701
Schenectady, N. Y	1,385	37,148	4,575	4,224	Wilkes-Barre, Pa	1,460	37,945	5,601	5,209
Scranton, Pa	2,125	54,993	7,418	7,382	Wilmington, Del	2,290	48,609	6,159	6,234
Seattle, Wash	6,105	163,185	21,185	21,732	Winston-Salem, N.C	935	23,317	3,359	2,774
Shreveport, La	1,147	31,018	4,696	3,907	Worcester, Mass	2,412	71,908	8,786	8,892
Sioux City, Iowa	1,232	28,330	3,658	3,104	Yonkers, N. Y	1,846	39,865	3,891	4,384
Somerville, Mass	1,038	22,543	2,783	2,509	York, Pa	933	25,562	3,273	2,800
South Bend, Ind	1,379	36,214	4,642	4,369	Youngstown, Ohio	2,379	62,883	7,952	7,471

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Retail Distribution, Vol. II.

No. 863.—Sales by Department Stores—Indexes of Values, by Federal Reserve Districts, 1921 to 1938, and by Months, 1936 to 1939

NOTE.—1923-1925 average=100. Compiled from reports of about 240 to 560 firms (400 in 1938). Indexes for the United States have been adjusted for variations in number of firms reporting and monthly indexes for the varying number of business days in the different months, for seasonal changes, and for the effect of the shifting date of Easter. These adjustments do not apply uniformly to the indexes by districts

Year	United States	Boston [1]	New York	Philadelphia	Cleveland	Richmond [1]	Atlanta	Chicago	St. Louis	Minneapolis [2]	Kansas City [3]	Dallas	San Francisco
1921	87	89	87	------	87	89	96	------	90	107	------	98	77
1922	88	92	89	------	87	86	91	------	90	105	------	91	82
1923	98	98	96	101	101	97	101	99	99	105	------	96	97
1924	99	100	99	99	99	99	98	98	98	106	95	100	99
1925	103	102	105	100	101	104	102	103	103	111	100	104	105
1926	106	105	109	103	102	107	106	108	105	108	95	109	111
1927	107	106	110	99	103	105	107	110	103	108	96	107	114
1928	108	104	112	94	103	106	107	116	104	105	97	109	117
1929	111	106	117	95	105	110	104	118	105	106	100	110	119
1930	102	100	113	87	94	106	95	103	94	101	95	100	111
1931	92	91	104	77	82	100	87	87	81	93	81	86	99
1932	69	71	82	61	60	81	70	65	62	74	63	65	74
1933	67	65	78	58	62	77	68	64	62	70	62	66	71
1934	75	69	82	63	70	90	83	74	71	77	73	80	78
1935	79	69	84	65	75	97	87	80	73	83	78	85	85
1936	88	76	92	73	87	107	105	91	82	91	85	100	93
1937	92	77	95	75	96	110	114	97	87	95	89	107	97
1938	85	74	89	66	83	107	113	87	83	93	84	104	90

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States:												
1936	81	83	84	84	87	87	90	87	88	90	94	92
1937	93	95	93	93	93	93	92	93	94	93	91	89
1938	90	88	86	83	78	82	83	83	86	84	89	89
1939	88	87	88	88	85	86	------	------	------	------	------	------

[1] Beginning January 1931 computed by the Bureau of Foreign and Domestic Commerce based on percentage changes in sales as reported by the Board of Governors of the Federal Reserve System.
[2] Indexes based on 1920-31=100. [3] Monthly average sales in 1925=100.

Sources: United States and, except as noted, Boston and Richmond, Board of Governors of the Federal Reserve System; other districts, the respective Federal Reserve banks.

No. 864.—Sales by Chain Stores—Indexes of Values, 1934 to 1938, and by Months, 1937, 1938, and 1939

Note.—The combined index for all groups includes the apparel chains shown separately in the table, 5 grocery chains, 6 variety chains, 2 drug chains, and 3 (prior to January 1936, 2) shoe chains. Indexes are based on daily average sales. Each monthly index is expressed as a percentage of the average for the same month of the base period. Allowance for the fluctuating date of Easter is made in the case of apparel, variety, and shoe chains. No allowance has been made for changes in the number of stores operated

[1929-1931=100]

Year and month	Combined index, 20 cos.[1]	Apparel index, 4 cos.[1]	Year and month	Combined index, 20 cos.[1]	Apparel index, 4 cos.[1]	Year and month	Combined index, 20 cos.[1]	Apparel index, 4 cos.[1]
1934	92.0	96.9	1937—Contd.			1938—Contd.		
1935	97.0	103.3						
1936	106.0	117.9	September	117.0	128.0	August	106.0	116.0
1937	111.7	122.0	October	114.8	128.0	September	109.4	122.0
1938	107.1	115.9	November	109.0	118.0	October	108.0	120.0
			December	111.5	117.0	November	109.5	121.2
1937			1938			December	112.9	127.0
January	105.3	112.0				1939		
February	110.0	117.0	January	106.7	107.6			
March	108.6	126.0	February	106.4	108.8	January	107.5	118.0
April	111.0	130.0	March	103.3	116.0	February	108.8	112.7
May	112.0	124.0	April	105.0	112.8	March	109.8	130.0
June	114.0	117.0	May	103.3	109.4	April	110.0	117.6
July	114.5	124.0	June	106.3	109.7	May	110.0	119.0
August	113.2	123.0	July	108.0	120.0	June	111.0	118.0

[1] The combined index includes 18 companies and the apparel index 3 companies prior to January 1936.

Source: The Chain-Store Age.

No. 865.—Sales by Selected Groups of Retail Outlets—Indexes of Dollar Values, 1931 to 1938, and by Months, 1937, 1938, and 1939

Note.—Indexes of automobile sales are based on unit sales figures reported monthly to the Automobile Manufacturers' Association, which represent over 95 percent of all dealer's sales. The unit sales figures are converted to dollar volume by the use of a computed "average realized price." Indexes of sales in small towns and rural areas are based on figures furnished by three mail-order companies for sales by mail only and by a large group of chain units operating in small towns and cities which serve the rural population. Sales of reporting concerns represent about one-fourth of all general merchandise sales in places of less than 30,000 inhabitants. Indexes of both variety store sales and grocery chain store sales are based on figures furnished by chain organizations doing more than 75 percent of the business in the respective fields. For the variety store index adjustment has been made for changes in the number of stores operated by the companies so that the index reflects sales changes for a constant number of stores. All indexes are computed from dollar sales reduced to a daily average basis. In computing the index of automobile sales, equal weight is given to all days of the month, while in computing the other three indexes, allowance is made for the varying number of business days in the months and the varying sales importance of the different days of the week. The monthly indexes of all four series are adjusted for seasonal changes and, in addition, the variety-store index is adjusted for the changing date of Easter

[1929-1931=100]

Year and month	Automobile retail sales	Variety store sales	Grocery chain store sales	Rural retail sales	Year and month	Automobile retail sales	Variety store sales	Grocery chain store sales	Rural retail sales
1931	62.9	93.8	96.5	77.4	1938				
1932	35.5	80.8	85.7	63.1					
1933	43.3	82.5	80.3	69.2	January	65.0	96.0	96.2	113.8
1934	57.6	90.5	83.3	83.7	February	74.0	94.0	93.6	111.7
1935	83.8	91.5	89.6	99.4	March	61.0	97.0	94.7	112.1
1936	105.1	99.5	94.4	114.8	April	60.0	93.0	91.7	117.4
1937	108.0	102.0	95.7	121.7	May	57.0	90.5	93.6	112.8
1938	66.7	98.0	94.1	114.1	June	50.5	95.5	92.2	116.5
					July	56.5	99.0	91.0	116.2
1937					August	54.5	96.5	92.2	120.1
					September	60.0	98.5	94.9	114.6
January	129.5	94.5	97.9	116.4	October	85.0	96.5	94.4	108.5
February	139.5	97.5	97.4	116.0	November	100.0	100.0	96.7	113.1
March	123.5	103.5	99.1	133.7	December	92.5	105.0	98.1	114.8
April	102.5	96.0	96.8	126.6					
May	104.0	98.5	96.9	130.1	1939				
June	99.0	106.0	93.9	129.0					
July	104.5	109.0	93.0	125.6	January	91.0	98.5	96.4	120.0
August	120.5	102.5	93.3	121.1	February	96.0	95.5	98.2	123.7
September	105.0	104.5	96.6	123.4	March	88.0	99.0	99.5	131.0
October	127.0	100.0	94.4	123.3	April	79.5	97.0	99.0	130.8
November	89.0	101.0	94.9	112.1	May	79.0	96.5	101.4	131.2
December	78.0	110.5	94.2	112.3	June	79.0	101.0	99.3	131.7

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce. Indexes are published currently in the Survey of Current Business and in mimeographed reports.

No. 866.—Retail Sales of General Merchandise in Small Towns and Rural Areas—Indexes of Dollar Values, by Regions, 1931 to 1938, and by Months, 1937, 1938, and 1939

Note.—1929-1931=100. Comparable indexes for the United States as a whole and a brief description of the indexes are given in table 865. The States and geographic divisions, as shown in other tables (for example, table 861) included in the regions here shown are as follows: East—New England and Middle Atlantic divisions, Delaware, Maryland, Virginia, and West Virginia; South—East South Central division, North Carolina, South Carolina, Georgia, Florida, Arkansas, Louisiana, and Texas; Middle West—East North Central and West North Central divisions, Oklahoma, Montana, Wyoming, Colorado, and New Mexico; Far West—Pacific division, Idaho, Arizona, Utah, and Nevada

Year and month	East	South	Middle West	Far West	Year and month	East	South	Middle West	Far West
1931	80.3	74.9	75.5	84.0	1938				
1932	64.5	63.9	61.3	67.0	January	113.8	133.9	102.7	128.7
1933	66.9	79.4	65.7	73.1	February	111.8	129.7	102.6	123.2
1934	80.4	95.9	79.6	90.1	March	114.5	133.3	101.4	122.4
1935	96.8	116.4	93.8	105.1	April	120.3	138.0	106.3	130.1
1936	115.1	138.9	103.4	123.8	May	113.8	134.1	101.5	132.7
1937	123.9	144.8	110.5	135.5	June	117.1	139.3	105.3	132.0
1938	115.2	134.0	103.8	128.9	July	115.5	136.8	105.3	129.0
1937					August	119.2	144.3	109.1	136.4
January	116.3	135.9	105.8	130.0	September	119.6	134.9	105.3	121.0
February	116.4	135.0	107.2	124.3	October	108.6	127.7	97.1	127.7
March	134.1	163.3	120.9	144.5	November	111.8	129.5	103.5	133.1
April	128.0	157.5	114.0	135.7	December	117.6	135.0	106.7	129.3
May	138.1	155.6	116.0	145.9	1939				
June	144.7	155.0	116.1	141.5					
July	125.4	147.4	112.8	140.8	January	115.6	140.7	109.9	136.4
August	122.5	142.9	109.5	138.2	February	119.6	147.8	112.1	142.9
September	128.3	145.3	112.3	134.2	March	132.0	156.6	118.7	144.0
October	124.5	145.0	113.1	133.5	April	122.4	164.3	118.0	140.9
November	111.6	132.9	101.2	130.3	May	129.1	162.2	119.6	146.6
December	110.0	135.6	103.7	131.2	June	133.8	165.8	116.4	144.1

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce. See source of table 865 regarding current data.

No. 867.—Service Establishments—Summary, by Service Groups and Kind of Service: 1935

Note.—See headnote, table 868

Kind of service	Number of establishments	Receipts (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars) [1]		
					Total	Full-time	Part-time
United States total	574,708	2,029,302	580,840	634,232	567,517	497,118	70,399
Personal services:							
Barber shops	121,153	209,337	125,721	80,309	54,875	50,145	4,730
Barber and beauty shops	4,302	20,297	4,637	11,115	8,754	8,378	376
Baths and masseurs' establishments (turkish, etc.)	1,126	4,094	1,102	1,586	1,055	981	74
Beauty parlors	61,355	171,943	61,504	78,062	58,323	54,676	3,647
Cleaning, dyeing, pressing, alteration, and repair shops [2]	57,397	130,991	57,512	36,072	22,709	19,308	3,401
Funeral directors, embalmers, and crematories	17,144	230,014	17,078	36,648	39,745	35,225	4,520
Fur repair and storage shops	2,113	11,035	2,046	2,124	2,329	1,908	421
Laundries (not including power laundries) [3]	16,826	42,073	18,487	12,596	7,227	6,213	1,014
Photographic studios	10,402	48,405	9,924	11,792	12,796	11,792	1,004
Rug cleaning and repairing shops [4]	894	2,747	890	736	597	495	102
Shoe repair shops and shoe shine parlors (including hat cleaning)	61,046	109,657	61,118	25,007	16,250	14,652	1,598
Other personal services	2,218	10,138	2,095	3,144	3,246	2,892	354
Business services:							
Adjustment and credit bureaus, and collection agencies	2,873	43,663	1,642	17,968	22,326	21,839	487
Auctioneers' establishments (service only)	725	3,150	756	1,020	724	577	147
Billboard advertising service	491	26,897	250	5,324	8,038	7,655	383
Blueprinting and photostat laboratories	371	6,216	285	1,673	2,016	1,980	36
Coin-operated machine rental and repair service	723	11,541	695	1,862	2,556	2,493	63

[1] Includes no compensation for proprietors and firm members of unincorporated businesses.
[2] Cleaning and dyeing plants with receipts of less than $5,000 are included. For statistics for cleaning and dyeing plants with receipts of $5,000 or more, see table 869.
[3] For power laundries, see table 869.
[4] Includes establishments engaged primarily in cleaning rugs, if receipts from such services are less than $5,000 (see table 869 for establishments with receipts of $5,000 or more).

No. 867.—Service Establishments—Summary, by Service Groups and Kind of Service: 1935—Continued

Kind of service	Number of establishments	Receipts (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars)		
					Total	Full-time	Part-time
Business services—Continued.							
Court reporting and public stenographic agencies	1,193	3,606	1,233	931	1,127	893	234
Dental laboratories	1,800	17,990	1,806	5,061	6,224	6,076	148
Disinfecting and exterminating service	596	6,407	477	2,300	2,852	2,601	251
Duplicating, addressing, mailing, and mailing list service	1,257	9,813	1,192	4,465	3,864	3,218	646
Employment agencies	1,334	6,477	1,243	1,756	2,379	2,264	115
Freight forwarders and customhouse brokers	757	29,519	383	9,596	13,184	12,768	416
Insurance claim adjustment offices (independently operated)	728	10,223	412	3,017	5,254	4,807	447
Linen, coat, apron, and overall supply service	619	18,129	293	3,784	4,892	4,841	51
Photo finishing laboratories	1,002	8,388	960	2,472	2,439	2,261	178
Sign painting shops	5,035	14,048	5,326	3,754	3,584	2,856	728
Ticket agents and brokers, and travel bureaus	939	12,493	710	2,682	4,513	4,411	102
Title and abstract companies	2,042	22,642	1,170	8,527	11,968	11,544	424
Window cleaning service	749	9,688	701	5,907	6,197	5,626	571
Other business services	6,625	248,772	4,176	92,427	108,953	80,630	28,323
Repair services and custom industries:							
Automotive repairs and services (excluding general repair garages):							
Automobile laundries	907	2,987	877	1,647	972	777	195
Automobile paint shops	1,534	5,525	1,652	1,714	1,552	1,309	243
Automobile radiator shops	1,109	3,850	1,153	919	874	799	75
Automobile rental service	765	15,532	497	3,546	4,378	4,111	267
Automobile storage garages	6,905	68,040	5,853	17,296	17,381	16,601	780
Automobile top and body repair shops	5,501	32,611	5,922	10,213	10,672	9,614	1,058
Battery and ignition repair shops	2,377	8,487	2,467	1,559	1,338	1,221	117
Parking lots	4,341	18,751	3,127	5,704	4,428	4,084	344
Tire repair shops	2,065	6,490	2,101	1,144	927	833	94
Other automotive repairs	724	5,645	696	1,333	1,629	1,564	65
Other repair services (except apparel and shoes):							
Armature rewinding shops	788	7,637	813	2,102	2,472	2,334	138
Bicycle repair shops	1,313	2,462	1,326	428	265	236	29
Blacksmith shops	20,325	23,454	21,142	4,534	2,829	2,328	501
Electrical appliance repair shops	1,388	5,005	1,456	1,059	910	790	120
Harness and leather goods repair shops	2,603	3,837	2,636	429	247	203	44
Locksmith and gunsmith shops	2,173	4,160	2,222	737	636	580	56
Musical instrument repair shops	459	784	478	110	74	61	13
Piano and organ tuning and repair service	443	652	455	94	86	69	17
Radio repair shops	8,256	14,348	8,661	2,251	1,496	1,237	259
Refrigerator service and repair shops	487	3,290	534	830	922	837	85
Saw and tool sharpening and repair shops	714	1,501	729	315	331	306	25
Typewriter repair shops	500	2,090	534	482	491	461	30
Upholstery and furniture repair shops	7,856	22,124	8,264	5,414	4,654	3,660	994
Watch, clock, and jewelry repair shops	13,669	28,450	13,799	3,311	2,900	2,602	298
Other repair services	10,452	28,441	10,904	6,744	6,602	5,763	839
Custom industries: [5]							
Cabinetmaking shops (incl. woodworking)	2,245	3,950	2,380	811	630	447	183
Cider mills and presses	404	264	451	97	41	26	15
Grist mills	9,318	8,556	9,193	3,516	1,085	849	236
Hemstitching, embroidering, and buttonholing shops	1,035	2,110	1,085	865	612	504	108
Machine shops	2,983	7,251	3,182	1,927	1,548	1,311	237
Mattress renovating and repair shops	920	3,171	949	849	626	558	68
Molasses, sorghum, and sirup mills	1,708	398	1,765	257	50	22	28
Printing and publishing shops	12,640	31,891	13,004	10,259	6,271	5,308	963
Sawmills and planing mills	9,129	14,163	10,319	15,745	4,264	3,152	1,112
Threshing, corn shelling, hay baling, and other agricultural services	22,051	15,745	25,973	9,335	3,272	1,821	1,451
Tinsmith shops	2,318	5,826	2,426	1,407	1,048	745	303
Welding shops	3,448	13,007	3,684	3,180	3,130	2,720	410
Other industries	17,071	48,603	16,814	20,870	13,102	11,713	1,389
Miscellaneous services:							
Landscape gardening and tree surgery service	881	9,165	861	3,525	4,169	3,635	534
Livery stables	248	1,372	226	358	318	305	13
Other miscellaneous services	4,820	47,284	4,406	13,599	17,289	15,617	1,672

[5] Includes custom industries and small manufacturing plants not included in the Census of Manufactures for the reason that the value of the products of such establishments is less than the minimum necessary to be classed as a manufacturing plant.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Service Establishments, Vol. I.

No. 868.—Service Establishments—Summary, by States: 1935

Note.—The census of service establishments covers a heterogeneous group of kinds of business (see table 867) primarily engaged in the sale of service, as distinguished from establishments dealing in merchandise. The professional field, the financial, education, transportation, construction, and diverse other fields of business activity, many of which are covered elsewhere, are not included. Owing to differences in the scope of the 1933 and 1935 censuses of service establishments, the aggregates for 1935 are not comparable with the aggregates for 1933 published in the 1936 issue of the Abstract

[Receipts and pay roll in thousands of dollars]

Division and State	Number of establishments	Receipts (thousands of dollars)	Active proprietors and firm members	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars) [1]		
					Total	Full-time	Part-time
United States	**574,708**	**2,029,302**	**580,840**	**634,232**	**567,517**	**497,118**	**70,399**
New England	**39,649**	**133,121**	**39,327**	**37,541**	**34,086**	**29,708**	**4,378**
Maine	3,561	9,551	3,583	2,586	2,112	1,733	379
New Hampshire	2,039	5,603	2,105	1,262	1,017	904	113
Vermont	1,511	3,293	1,561	861	602	515	87
Massachusetts	21,878	77,081	21,747	22,009	20,461	17,675	2,786
Rhode Island	3,206	11,033	3,100	3,210	2,870	2,580	290
Connecticut	7,454	26,560	7,231	7,613	7,024	6,301	723
Middle Atlantic	**149,418**	**662,462**	**148,984**	**179,682**	**191,979**	**168,778**	**23,201**
New York	86,479	458,474	86,539	121,522	140,014	123,987	16,027
New Jersey	21,790	69,216	21,397	19,541	18,090	15,565	2,525
Pennsylvania	41,149	134,772	41,048	38,619	33,875	29,226	4,649
East North Central	**118,289**	**429,462**	**120,033**	**122,009**	**113,804**	**102,929**	**10,875**
Ohio	32,004	106,694	32,215	31,944	28,977	26,186	2,791
Indiana	15,354	37,914	16,130	11,871	8,846	7,939	907
Illinois	36,760	172,615	37,108	44,553	46,807	42,918	3,889
Michigan	20,278	71,582	20,325	22,019	19,552	17,672	1,880
Wisconsin	13,893	40,657	14,255	11,622	9,622	8,214	1,408
West North Central	**69,472**	**172,938**	**72,299**	**54,237**	**41,140**	**36,618**	**4,522**
Minnesota	14,124	37,482	14,694	10,712	8,780	7,760	1,020
Iowa	13,550	30,687	14,526	8,717	6,221	5,489	732
Missouri	18,583	57,460	18,658	20,437	16,535	14,908	1,627
North Dakota	2,576	5,002	2,635	1,272	895	789	106
South Dakota	3,021	5,370	3,215	1,704	1,054	927	127
Nebraska	8,328	17,153	8,906	5,070	3,571	3,171	400
Kansas	9,290	19,784	9,665	6,325	4,084	3,574	510
South Atlantic	**50,485**	**155,694**	**49,866**	**68,490**	**46,550**	**41,045**	**5,505**
Delaware	1,256	4,052	1,240	1,066	848	755	93
Maryland	7,058	22,743	6,958	7,801	6,594	5,157	1,437
District of Columbia	2,962	19,363	2,765	6,589	6,743	6,468	275
Virginia	6,643	20,732	6,574	9,373	5,992	4,991	1,001
West Virginia	4,760	12,703	4,827	3,775	2,842	2,537	305
North Carolina	8,141	19,877	8,254	10,493	5,941	5,295	646
South Carolina	4,317	9,543	4,291	5,738	2,812	2,443	369
Georgia	9,087	23,541	8,912	13,433	7,315	6,730	585
Florida	6,261	23,140	6,045	10,222	7,463	6,669	794
East South Central	**32,664**	**70,997**	**33,265**	**32,770**	**18,650**	**16,478**	**2,172**
Kentucky	9,264	20,879	9,577	7,387	4,825	4,340	485
Tennessee	9,967	25,318	10,187	10,936	6,741	6,166	575
Alabama	7,620	16,077	7,563	9,472	4,837	4,068	769
Mississippi	5,813	8,723	5,938	4,975	2,247	1,904	343
West South Central	**44,200**	**126,384**	**45,188**	**55,426**	**38,670**	**33,804**	**4,866**
Arkansas	5,427	11,206	5,616	5,405	2,905	2,650	255
Louisiana	6,262	21,539	6,206	10,407	7,901	6,290	1,611
Oklahoma	9,735	21,821	9,926	8,936	5,891	5,296	595
Texas	22,776	72,318	23,390	30,678	21,973	19,568	2,405
Mountain	**16,860**	**47,237**	**17,277**	**14,343**	**11,829**	**10,551**	**1,278**
Montana	2,431	6,678	2,475	1,722	1,576	1,388	188
Idaho	2,524	5,621	2,648	1,807	1,225	1,048	177
Wyoming	1,079	2,825	1,118	773	633	578	55
Colorado	5,466	15,790	5,476	4,980	4,125	3,727	398
New Mexico	1,169	3,590	1,188	1,102	905	834	71
Arizona	1,381	5,112	1,376	1,664	1,468	1,308	160
Utah	2,409	6,229	2,587	1,970	1,547	1,344	203
Nevada	401	1,392	409	325	350	324	26
Pacific	**53,671**	**230,507**	**54,651**	**69,734**	**70,809**	**57,207**	**13,602**
Washington	8,650	32,691	8,715	9,951	10,148	7,611	2,537
Oregon	5,541	19,289	5,656	6,613	5,865	4,906	959
California	39,480	178,527	40,280	53,170	54,796	44,690	10,106

[1] Includes no compensation for proprietors and firm members of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Service Establishments, Vol. I.

No. 869.—Power Laundries, Cleaning and Dyeing Establishments, and Rug-Cleaning Establishments—Summary: 1919 to 1935

NOTE.—**All money figures in thousands of dollars.** Statistics cover establishments reporting receipts of $5,000 or more. Data for power laundries relate to commercial laundries. Data for cleaning and dyeing establishments are restricted to establishments using mechanical power; they include cleaning and dyeing departments of laundries where separate data could be obtained. Rug-cleaning, which was given a separate classification beginning with 1933, was treated in general as an activity of the power laundry industry at prior censuses; statistics include rug-cleaning departments of laundries and of cleaning and dyeing plants so far as they were reported separately. Data for 1933 are incomplete, as about 15 percent of the laundries and 24 percent of the cleaning and dyeing establishments that had reported for 1931 failed to supply any information as to their status or activities in 1933. The laundries that failed to report accounted for around 8 percent of the 1931 totals for number of wage earners and receipts for work done for all laundries, while the cleaning and dyeing establishments that did not report accounted for about 15 percent of the 1931 totals for these two items for cleaning and dyeing establishments

	Number of laundries	Proprietors and firm members	Salaried employees [1]	Wage earners (average for the year)	Salaries [1]	Wages	Cost of supplies, fuel, and purchased electric energy	Cost of contract work	Receipts for work done
Power laundries:									
1919	4,881	(2)	(2)	130,489	(2)	91,926	52,842	1,555	233,816
1925	4,859	3,851	15,412	169,200	31,613	162,466	55,407	1,107	362,295
1927	6,013	5,224	17,828	203,216	35,781	201,132	68,283	(3)	454,034
1929	5,776	5,220	21,964	233,187	49,833	228,861	80,265	(3)	541,158
1931	6,400	(2)	(2)	217,138	(2)	202,197	67,267	2,372	465,969
1933	5,122	3,416	13,767	175,545	17,858	126,838	47,706	1,971	295,641
1935	6,316	4,244	19,920	208,354	34,586	154,791	62,796	2,356	[4]369,452
Cleaning and dyeing establishments:									
1919	1,748	(2)	(2)	18,408	(2)	17,866	11,511	461	53,183
1925	2,406	2,263	5,769	29,386	10,550	37,590	15,188	814	102,394
1927	3,175	3,106	7,332	40,251	14,474	52,542	18,829	1,340	142,814
1929	5,296	4,912	9,244	59,148	20,390	75,931	26,837	(3)	201,255
1931	4,568	(2)	(2)	50,643	(2)	57,829	20,250	1,234	147,514
1933	3,594	3,000	4,981	43,619	5,048	36,894	15,470	695	93,314
1935	5,510	4,980	9,334	57,286	12,483	49,792	21,656	1,129	[4]130,657
Rug-cleaning establishments:									
1933	270	250	146	1,596	186	1,404	772	28	4,400
1935	506	395	670	2,344	1,136	2,260	1,211	90	[4]8,001

[1] Figures for 1933 exclude data for salaried officers of corporations included in figures for other years.
[2] Not available.
[3] Included in figures for supplies, fuel, and purchased electric energy.
[4] Figures for power laundries include $876,000 receipts for rug cleaning and $25,574,000 receipts for cleaning and dyeing; figures for cleaning and dyeing establishments include $1,683,000 receipts for rug cleaning and $1,365,000 receipts for laundry work; figures for rug-cleaning establishments include $173,000 receipts for cleaning and dyeing.

Source: Department of Commerce, Bureau of the Census; reports of Biennial Census of Manufactures. The 1933 figures were collected in cooperation with the Laundry Owners National Association and the National Association of Dyers and Cleaners.

No. 870.—Hotels—Summary for Hotels With 25 or More Guest Rooms, 1929, 1933, and 1935, and for All Hotels, by Size, 1935

NOTE.—**Receipts and pay roll in thousands of dollars.** The census includes principally establishments designating themselves as hotels and providing accommodations as their major business activity. Establishments reporting a total of less than six guest rooms or receipts from room rentals amounting to less than $500 for a full year's operations, are excluded from the 1935 figures. Owing to differences in coverage for 1929, 1933, and 1935, comparable data for these years are available only for year-round hotels of 25 or more guest rooms.

Item	1929	1933	1935
YEAR-ROUND HOTELS WITH 25 OR MORE GUEST ROOMS [1]			
Number of hotels	11,873	10,680	11,373
Number of guest rooms	1,005,684	890,866	934,661
Receipts	873,508	398,674	565,317
Employees (full-time and part-time) [2]	267,903	190,183	234,491
Total pay roll [3]	232,137	118,489	158,400

Size (based on number of guest rooms)	Number	Receipts	Proprietors, etc. [4]	Employees [5]
All hotels, 1935	**28,822**	**720,145**	**24,573**	**291,165**
Hotels having				
Less than 25 rooms	13,092	54,671	12,912	22,365
25 to 49 rooms	8,352	69,810	7,741	30,534
50 to 99 rooms	4,436	96,619	3,084	40,389
100 to 299 rooms	2,423	212,836	813	88,682
300 rooms and over	519	286,209	23	109,195

[1] Data for California are not included as comparable figures for all years are not available.
[2] Average number based on number of employees for April, July, October, and December.
[3] Includes no compensation for proprietors and firm members of unincorporated businesses.
[4] Active proprietors and firm members. [5] Full-time and part-time, average for year.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Hotels.

No. 871.—Hotels—Summary, by States: 1935

Note.—Receipts and pay roll in thousands of dollars. See headnote, table 870

Division and State	Number of establishments	Number of guest rooms	Receipts	Active proprietors and firm members	Employees (full-time and part-time), average for year	Total pay-roll [1]	Analysis of receipts: Hotels reporting	Analysis of receipts: Total receipts [2]	Receipts from —: Room rentals and sale of meals [3]	Receipts from —: Sale of beverages	Receipts from —: Sale of merchandise
United States	28,822	1,428,646	720,145	24,573	291,165	191,845	27,971	695,210	563,747	72,082	11,727
Year-round hotels	25,452	1,278,012	674,896	21,612	276,006	183,008	24,796	652,349	524,846	70,405	10,945
Seasonal hotels	3,370	150,634	45,249	2,961	15,159	8,837	3,175	42,861	38,901	1,677	782
New England	1,935	83,740	48,368	1,589	19,076	12,639	1,850	46,922	36,331	7,344	801
Maine	532	20,846	7,681	465	3,013	1,654	515	7,611	6,497	552	177
New Hampshire	365	12,065	4,245	328	1,840	984	344	3,642	3,276	227	65
Vermont	157	5,730	3,040	126	1,293	685	152	2,921	2,263	473	84
Massachusetts	530	29,387	23,928	404	9,180	6,660	505	23,636	17,392	4,597	356
Rhode Island	87	4,266	3,298	59	1,288	993	81	3,155	2,208	754	26
Connecticut	264	11,446	6,176	207	2,462	1,663	253	5,957	4,745	741	93
Middle Atlantic	4,325	294,097	212,589	3,559	77,019	58,613	4,099	201,550	155,257	29,419	2,301
New York	2,207	188,303	146,261	1,748	50,728	41,785	2,127	137,203	105,424	19,844	1,107
New Jersey	948	49,431	26,989	791	9,919	6,407	879	26,358	22,157	2,621	207
Pennsylvania	1,170	56,363	39,339	1,020	16,372	10,421	1,093	37,989	27,676	6,954	987
East North Central	4,034	253,464	134,044	3,238	57,916	39,979	3,898	131,439	101,937	16,236	2,739
Ohio	859	52,927	32,064	693	14,681	9,681	839	31,582	24,371	4,374	499
Indiana	502	25,188	11,237	404	5,397	3,030	491	11,171	9,025	1,077	293
Illinois	1,210	102,113	53,991	888	22,179	17,890	1,184	53,050	40,863	5,989	1,141
Michigan	836	47,872	23,144	707	9,940	6,169	803	22,719	17,691	2,862	400
Wisconsin	627	25,364	13,608	546	5,719	3,209	581	12,917	9,987	1,934	406
West North Central	3,530	144,277	62,241	3,097	26,921	15,122	3,447	60,643	50,166	5,380	1,488
Minnesota	794	35,032	16,074	698	6,557	3,884	776	15,960	12,691	1,945	388
Iowa	506	21,470	8,505	448	3,717	1,960	499	7,608	6,477	484	199
Missouri	906	42,974	20,279	742	9,353	5,557	886	20,121	16,382	1,916	434
North Dakota	254	7,616	2,477	232	977	476	248	(4)	(4)	(4)	(4)
South Dakota	191	6,567	2,234	181	844	429	186	(4)	(4)	(4)	(4)
Nebraska	364	14,265	7,056	326	2,821	1,546	352	6,864	5,677	579	221
Kansas	515	16,353	5,616	470	2,652	1,270	500	5,521	4,994	122	122
South Atlantic	3,159	144,059	79,038	2,530	33,443	18,993	3,069	76,310	66,071	4,100	1,160
Delaware	33	1,253	1,186	29	442	267	32	(4)	802	272	5
Maryland	217	9,177	6,267	185	2,719	1,600	205	6,251	4,546	1,192	141
Dist. of Col.	76	12,033	15,544	38	5,017	4,500	75	(4)	12,461	1,452	195
Virginia	410	17,011	10,091	331	4,778	2,422	398	9,078	8,549	291	342
West Virginia	282	11,720	5,619	237	2,755	1,535	273	5,563	4,796	172	130
North Carolina	391	16,660	7,469	306	4,019	1,838	380	6,858	6,419	92	51
South Carolina	203	7,654	3,435	161	1,864	767	198	3,267	3,074	57	39
Georgia	374	16,158	7,666	313	4,301	1,762	365	7,250	6,560	143	67
Florida	1,173	52,393	21,761	930	7,548	4,212	1,143	20,550	18,864	429	190
East South Central	1,162	46,053	22,859	996	12,477	5,344	1,140	22,442	19,770	734	433
Kentucky	355	12,633	6,757	313	3,487	1,711	350	6,642	5,581	523	163
Tennessee	369	15,764	8,857	314	4,525	1,928	362	8,806	7,662	167	200
Alabama	248	9,728	4,223	210	2,656	998	244	4,211	3,930	5	46
Mississippi	190	7,928	3,022	159	1,809	707	184	2,783	2,597	39	24
West South Central	3,079	110,102	46,363	2,757	21,651	11,005	3,005	44,371	38,390	1,405	939
Arkansas	351	11,786	4,622	310	2,388	948	342	4,553	3,957	132	148
Louisiana	284	11,389	7,580	242	3,483	1,905	282	(4)	(4)	(4)	(4)
Oklahoma	720	24,774	7,177	671	3,663	1,831	701	6,456	5,805	104	123
Texas	1,724	62,153	26,984	1,534	12,117	6,321	1,680	(4)	(4)	(4)	(4)
Mountain	2,456	85,743	28,710	2,253	11,151	7,223	2,389	27,664	24,291	1,521	611
Montana	476	15,778	4,476	442	1,601	1,077	470	4,419	3,789	320	147
Idaho	280	8,570	2,744	257	962	585	273	2,684	2,350	101	92
Wyoming	203	7,317	2,296	191	695	483	197	2,259	2,002	159	48
Colorado	606	25,788	7,682	652	3,249	1,959	675	7,026	6,184	376	144
New Mexico	218	6,627	2,542	197	1,129	753	211	2,463	2,320	58	49
Arizona	239	9,145	4,336	203	1,755	1,213	232	4,315	3,701	307	91
Utah	208	8,072	2,884	187	1,256	756	206	2,865	2,520	59	33
Nevada	136	4,446	1,750	124	504	397	125	1,633	1,425	141	7
Pacific	5,142	267,111	85,933	4,554	31,511	23,017	5,074	83,869	71,484	5,943	1,255
Washington	1,017	49,798	13,076	936	5,380	3,436	1,002	12,120	10,834	496	248
Oregon	553	25,557	6,826	508	2,628	1,674	543	6,725	6,131	186	103
California	3,572	191,756	66,031	3,110	23,503	17,907	3,520	65,024	54,519	5,261	904

[1] Includes no compensation for proprietors and firm members of unincorporated businesses.
[2] Total includes miscellaneous receipts not shown separately, amounting to $47,654,000 for United States.
[3] 9,029 hotels with total receipts of $505,335,000 reported room rentals and sales of meals separately, as follows: Rentals, $231,568,000; meals, $162,322,000.
[4] Figures withheld to avoid disclosing operations of individual seasonal hotels.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Hotels.

No. 872.—Advertising Agencies—Summary: 1935

Note.—All money figures in thousands of dollars. Only those establishments that contract for space or other advertising media and place the advertising for the client on a commission or fee basis are included

Items	Total	Agencies reporting— Billings in detail	Total billings only	No billings
Number of establishments	1,212	918	174	120
Number of companies	1,089	820	158	111
Revenue receipts	70,840	60,801	7,636	2,403
Active proprietors and firm members	583	444	73	66
Employees (average)	13,039	10,947	1,564	528
Total pay roll [1]	41,186	35,518	4,403	1,265
Part-time	331	267	45	19
Total operating expenses [2]	61,643	52,818	6,685	2,140
Total billings	(3)	[4] 405,888	46,377	(3)

Size-of-billings group (in thousands of dollars)	Number of companies	Ratios by size of billings groups: Per cent of total revenue	Per cent pay roll is of revenue	Per cent revenue is of billings
Total	**978**	**100.0**	**58.3**	**15.1**
Billings—				
Under 500	867	24.2	57.2	18.4
500 to 1,000	41	6.5	65.5	15.5
1,000 to 2,000	31	9.8	64.5	15.1
2,000 to 5,000	24	15.3	62.6	14.3
Over 5,000	15	44.2	55.0	14.1

[1] Includes no compensation for proprietors and firm members of unincorporated businesses.
[2] Including pay roll. [3] Not available.
[4] Distribution of billings by type of media: Newspapers, $153,152,000; general magazines, including agricultural and religious papers, $107,330,000; trade and merchandising, industrial, and class and professional papers, $15,758,000; radio networks, spot broadcasting, and radio talent (not billed through broadcasting systems), $63,307,000; car cards, outdoor advertising, window display (through organizations), and other media billings, $23,109,000; direct mail advertising, $4,118,000; art and mechanical charges, $26,124,000; all other, $12,990,000.

No. 873.—Radio Broadcasting—Summary: 1935

Note.—Figures cover only those radio stations and networks that sell time

	Number of networks or stations	Net revenue (thousands of dollars): Total	From sale of time: Total	National and regional: Network	National and regional: Non-network	Local advertising	Employees (full-time and part-time), average for year	Pay roll (thousands of dollars): Total	Full-time	Part-time
Total networks and stations	------	[1] **86,493**	**79,618**	**39,738**	**13,805**	**26,074**	**14,561**	**26,911**	------	------
Networks	8	[1] 30,199	27,216	27,216	--------	--------	[2] 2,001	[2] 5,420	------	------
Commercial broadcast stations	557	[1] 56,293	52,325	12,522	13,799	26,004	12,484	21,410	19,719	1,691
Experimental stations	4		77	--------	6	70	76	81	68	13
COMMERCIAL BROADCAST STATIONS BY POWER (IN WATTS) AND AFFILIATION										
United States:										
100 or less	238	--------	5,986	218	540	5,228	2,425	2,916	2,757	159
101 to 999	131	--------	8,466	1,371	1,366	5,729	2,406	3,623	3,389	234
1,000 to 4,999	126	--------	16,702	4,242	3,546	8,914	4,023	7,077	6,401	676
5,000 to 9,999	16	--------	1,902	6,691	8,347	1,065	509	880	800	80
10,000 to 49,999	13	--------	2,298			883	408	751	696	55
50,000 and over	33	--------	16,971			4,185	2,713	6,163	5,676	487
Network affiliation	194	--------	38,999	12,522	11,893	14,584	7,265	14,380	13,161	1,219
100 or less	17	--------	885	218	110	557	231	255	241	14
101 to 999	42	--------	4,770	1,371	911	2,488	766	1,767	1,674	93
1,000 to 4,999	77	--------	12,942	4,242	2,964	5,736	2,770	4,911	4,418	493
5,000 and over	58	--------	20,402	6,691	7,908	5,803	3,498	7,447	6,828	619
No network affiliation	363	--------	13,326	--------	1,906	11,420	5,219	7,030	6,558	472
100 or less	221	--------	5,101	--------	430	4,671	2,194	2,661	2,516	145
101 to 999	89	--------	3,696	--------	455	3,241	1,640	1,856	1,715	141
1,000 to 4,999	49	--------	3,760	--------	582	3,178	1,253	2,166	1,983	183
5,000 and over	4	--------	769	--------	439	330	132	347	344	3

[1] Includes net revenue from sale of talent and other sources, not shown separately, as follows: Total, $6,875,000; networks, $2,983,000; broadcast stations, $3,892,000 including $2,598,000 from sale of talent and $1,294,000 from other sources.
[2] Data for five networks. The other three networks allocated their personnel to affiliated stations.

Source of tables 872 and 873: Department of Commerce, Bureau of the Census; Census of Business, 1935, Advertising Agencies and Radio Broadcasting.

34. CONSTRUCTION AND HOUSING

No. 874.—Construction Contracts Awarded in 37 States—Value of Construction and Floor Space of Buildings, by Class of Construction: 1925 to 1938

Note.—For State figures, see table 875. Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the Statistical Abstract. Figures for the individual States and districts in table 875 represent the value of construction contracts awarded in the States and districts where the work was actually done.

[Values in millions and tenths of millions of dollars; floor space in thousands of square feet]

Year	Total	Residential	Commercial [1]	Industrial [2]	Public works	Public utilities [1 2]	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous nonresidential
Value of construction:												
1925	6,006.4	2,747.7	872.4	326.6	653.9	403.0	418.7	111.1	54.5	153.1	253.0	12.4
1926	6,380.9	2,671.1	920.9	471.3	779.6	512.5	372.7	133.1	67.2	148.8	251.5	52.2
1927	6,303.1	2,573.3	932.9	375.9	972.9	318.3	368.9	162.5	79.5	156.5	260.9	101.5
1928	6,628.3	2,788.3	884.6	508.8	984.4	417.4	390.0	164.7	76.2	127.9	218.8	67.0
1929	5,750.8	1,915.7	929.2	545.9	940.1	469.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	256.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1931	3,092.8	811.4	311.1	116.2	880.9	259.9	223.4	121.2	181.3	53.1	98.7	35.8
1932	1,351.2	280.1	122.7	43.5	521.1	62.4	80.7	48.4	118.0	27.3	33.9	13.2
1933	1,255.7	249.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	27.2	18.7
1934 [3]	1,543.1	248.8	150.6	116.1	631.6	111.5	112.3	37.3	55.7	18.3	46.2	14.7
1935	1,844.5	478.8	164.5	108.9	589.1	95.7	108.3	47.1	97.8	23.7	54.9	16.0
1936	2,675.3	801.6	249.1	198.0	721.8	192.1	219.0	74.1	102.2	28.3	74.9	14.2
1937	2,913.1	905.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938	3,196.9	985.8	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
Floor space of buildings:												
1925	936,226	559,499	160,066	66,901	3,040	11,358	60,543	14,037	8,294	18,870	32,261	1,357
1926	883,794	521,062	152,357	75,705	596	6,412	53,757	14,790	7,857	16,370	30,434	4,454
1927	850,578	494,565	141,815	68,131	918	4,535	53,917	18,802	9,943	17,192	33,520	7,240
1928	966,558	568,382	150,192	92,902	609	3,496	61,490	20,004	11,288	15,398	28,012	5,785
1929	791,099	387,670	161,264	105,524	450	5,353	58,639	19,496	12,626	12,818	21,457	5,802
1930	510,382	230,040	96,586	48,019	826	7,611	56,955	19,121	17,023	10,864	16,089	7,248
1931	365,841	190,274	50,037	20,109	496	4,550	36,598	16,880	24,257	5,578	14,018	3,044
1932	155,577	73,607	23,884	9,048	575	1,219	13,710	7,319	16,198	3,518	5,535	964
1933	147,053	72,783	22,551	18,985	170	1,491	5,523	5,598	9,474	2,633	5,606	2,239
1934	152,394	64,255	28,261	17,566	292	1,804	16,775	4,222	9,425	2,650	6,532	612
1935	251,558	135,416	35,391	20,638	915	1,077	26,046	6,176	13,522	3,534	7,909	934
1936	409,676	222,514	57,178	40,201	1,038	3,360	41,985	10,369	14,282	4,312	12,852	1,495
1937	446,084	235,515	62,283	60,816	1,301	5,197	36,489	11,411	12,464	5,730	13,544	1,334
1938	429,028	240,568	41,789	25,246	1,038	1,679	57,022	17,235	15,564	5,303	17,691	5,893

[1] Owing to change in classification, data for airports have been excluded from "Commercial" class and included with "Public utilities" for 1930 and subsequent years. Separate figures for airports are not available for years prior to 1930.

[2] Owing to change in classification, figures for "Industrial" class exclude data for pipe lines for 1929 and subsequent years (separate figures not available for years prior to 1929), which data are included with those for "Public utilities."

[3] Figures exclude data for 23 projects, valued at $29,551,900, for which data by class of construction are not available. These projects were under Civil Works Program, which was not in existence after March 1934.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record.

No. 875.—Construction Contracts Awarded in 37 States—Value, by Districts and States: 1931 to 1938

Note.—Value in thousands of dollars. See headnote, table 874

District and State	1931	1932	1933	1934	1935	1936	1937	1938
Total (37 States)	3,092,850	1,351,159	1,255,709	1,543,109	1,844,546	2,675,298	2,913,060	3,196,928
New England	295,019	114,053	120,696	144,861	148,040	215,364	199,587	255,210
Maine	11,053	8,747	6,336	7,541	9,774	10,419	9,201	15,517
New Hampshire	8,388	4,079	5,627	7,038	4,791	7,559	7,994	11,347
Vermont	5,193	4,318	5,927	5,835	7,663	7,745	7,341	6,884
Massachusetts	185,952	64,101	62,123	82,317	83,589	115,364	100,298	126,003
Rhode Island	19,488	6,348	8,822	12,105	9,931	19,723	11,630	22,310
Connecticut	64,946	26,461	31,862	30,026	32,291	54,554	63,122	73,083
Metropolitan New York and vicinity	725,061	190,678	176,618	206,498	302,246	417,988	499,157	587,703
New York (New York City to Newburgh)[1]	590,922	138,229	133,011	163,158	240,272	316,967	407,539	495,401
New Jersey (Northern)	134,140	52,449	43,607	43,339	61,973	101,021	91,619	92,302
Upstate New York[2]	169,718	75,955	76,671	62,414	63,763	120,460	116,444	127,026
Middle Atlantic	356,807	227,615	136,101	[3] 191,018	228,157	321,060	377,968	364,762
Pennsylvania (Eastern)	135,368	83,837	52,609	66,244	70,090	128,413	138,501	133,917
New Jersey (Southern)	33,367	12,495	10,205	20,218	17,457	28,031	25,638	19,860
Maryland	60,603	34,995	24,238	33,601	41,197	52,113	70,008	72,528
Delaware	19,880	6,418	4,975	7,558	6,715	13,740	9,704	11,375
District of Columbia	68,952	68,487	18,978	23,238	51,676	55,315	65,444	46,437
Virginia	38,548	21,383	25,096	40,158	41,023	43,449	68,674	80,645
Pittsburgh	309,540	151,612	146,866	[3] 200,085	216,567	284,556	386,089	382,479
Pennsylvania (Western)	70,386	34,883	24,447	37,405	47,969	67,521	112,148	92,469
West Virginia	29,669	14,599	9,650	46,193	21,376	22,403	24,459	34,619
Ohio	177,294	81,479	84,921	95,432	119,118	163,039	205,549	195,457
Kentucky	32,191	20,652	27,848	21,055	28,105	31,593	43,933	59,934
Southeastern	148,932	83,260	127,033	155,184	178,594	287,504	264,972	288,357
North Carolina	28,025	12,507	19,655	34,373	32,050	51,790	55,741	61,638
South Carolina	22,076	7,659	6,252	15,079	18,493	32,272	34,039	34,814
Georgia	33,558	21,363	15,194	28,684	35,598	40,134	32,046	50,847
Florida	24,407	19,292	28,727	41,823	53,843	72,674	86,913	74,729
Tennessee (Eastern)	19,475	11,935	31,442	14,003	20,227	42,430	26,303	31,769
Alabama	21,391	10,503	25,762	21,223	18,383	48,204	29,030	34,560
Chicago	345,583	152,842	121,885	176,174	228,821	322,240	307,824	319,294
Illinois (Northern)	168,876	66,649	55,489	80,826	102,810	143,974	137,384	119,954
Indiana	66,593	25,769	29,590	41,023	46,281	70,257	69,037	78,671
Iowa	42,784	25,352	18,254	28,151	39,542	46,857	44,001	57,213
Wisconsin (South and East)	67,330	35,071	18,553	26,174	40,187	61,153	57,402	63,456
Central Northwest	93,815	61,516	44,072	58,599	64,553	89,388	92,387	93,669
Minnesota	57,140	36,881	25,315	29,588	34,757	53,377	54,739	50,779
North Dakota	7,621	7,620	2,948	6,918	6,727	10,626	6,877	8,258
South Dakota	10,768	4,216	6,258	8,262	8,237	8,754	9,498	9,945
Michigan (No. Peninsula)	9,580	3,897	2,817	4,834	8,623	6,003	8,220	7,827
Wisconsin (North and West)	8,707	8,904	6,733	8,998	6,208	10,629	13,053	10,866
Southern Michigan (South Peninsula)	90,611	41,715	47,969	54,842	88,740	136,535	163,976	191,541
St. Louis	141,419	81,771	80,303	95,504	114,128	177,831	154,607	187,429
Illinois (Southern)	37,224	27,705	23,052	36,882	33,262	54,210	60,702	74,861
Missouri (Eastern)	60,075	38,317	34,845	29,607	51,414	59,169	64,825	70,454
Arkansas	34,633	11,327	17,550	22,212	22,783	29,128	17,777	27,683
Tennessee (Western)	9,487	4,422	4,856	6,802	6,669	35,324	11,304	14,431
Kansas City	153,496	76,681	73,751	77,746	90,906	121,185	126,137	139,083
Kansas	37,389	23,788	16,368	14,393	24,856	39,857	37,417	35,431
Oklahoma	50,242	21,065	20,257	21,270	31,872	31,726	36,111	46,853
Nebraska	26,558	14,659	18,357	23,278	16,959	21,472	28,567	32,126
Missouri (Western)	39,308	17,169	18,768	18,805	17,219	28,131	24,041	24,673
Texas (State only)	157,033	56,233	59,652	64,282	69,002	110,240	132,118	168,550
New Orleans	105,814	37,227	44,093	55,902	51,030	70,946	91,794	91,825
Louisiana	88,504	22,594	34,745	40,395	36,069	34,591	62,919	56,931
Mississippi	17,310	14,633	9,348	15,507	14,961	36,355	28,875	34,894
Totals for States in more than one district:								
New Jersey	167,506	64,944	53,813	63,557	79,430	129,052	117,256	112,162
New York	760,640	214,184	209,682	225,572	304,035	437,426	523,982	622,427
Pennsylvania	205,754	118,721	77,055	103,649	118,059	195,933	250,649	226,386
Tennessee	28,963	16,358	36,298	20,805	26,896	77,755	37,607	46,200
Illinois	206,100	94,354	78,541	117,709	136,072	198,184	198,085	194,815
Wisconsin	76,036	43,975	25,286	35,172	46,396	71,781	70,456	74,316
Missouri	99,383	55,486	53,613	48,412	68,633	87,300	88,866	95,127
Michigan	100,191	45,612	50,787	59,676	97,363	142,537	172,196	199,368

[1] New York City, Long Island, and Westchester, Orange, Putnam, and Rockland Counties, N. Y.
[2] All counties north of Orange, Putnam, and Rockland.
[3] Excludes value of projects under Civil Works Program: Middle Atlantic, $28,668,900; Pittsburgh, $883,000.

Source: The F. W. Dodge Corporation, New York, N. Y.; figures published currently in Statistical Research Service.

No. 876.—Construction Contracts Awarded in 37 States—Value, by Public and Private Ownership, and Floor Space, by Months: 1935 to 1939

Note.—See headnote, table 874

Month	Value (thousands of dollars)									
	Total					Public ownership				
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
Total	1,844,546	2,675,298	2,913,080	3,196,928	--------	1,007,105	1,334,230	1,151,943	1,704,720	--------
January	99,774	214,793	242,710	192,231	251,673	54,556	149,192	112,237	117,601	147,916
February	75,047	140,419	188,257	118,945	220,195	37,828	78,831	69,382	51,054	110,975
March	122,941	198,762	231,246	226,918	300,661	68,011	96,111	66,355	94,597	127,776
April	124,020	234,632	269,534	222,016	330,030	52,592	104,560	74,164	99,219	159,656
May	126,720	216,071	243,738	283,156	308,487	47,084	94,491	92,525	143,700	134,757
June	148,005	232,665	317,742	251,006	288,316	63,618	116,389	137,459	107,777	127,595
July	159,258	294,735	321,603	239,799	299,883	66,589	153,302	130,776	97,838	136,543
August	168,557	275,281	281,217	313,141	312,328	92,339	153,017	103,642	171,099	158,459
September	167,376	234,272	207,072	300,900	323,227	97,110	115,561	79,623	160,125	144,216
October	200,596	225,768	202,081	357,698	--------	113,688	101,231	77,838	203,359	--------
November	188,115	208,204	198,401	301,679	--------	117,731	89,086	92,889	178,948	--------
December	264,137	199,696	209,450	389,439	--------	195,961	82,461	115,053	279,403	--------

Month	Value (thousands of dollars)—Continued					Floor space of buildings (thousands of square feet)				
	Private ownership									
	1935	1936	1937	1938	1939	1935	1936	1937	1938	1939
Total	837,440	1,341,067	1,761,117	1,492,208	--------	251,558	409,676	446,084	420,028	--------
January	45,218	65,601	130,482	74,630	103,757	11,245	27,053	33,442	19,200	34,332
February	37,219	61,588	118,875	67,891	109,220	9,670	20,857	28,942	18,904	31,959
March	54,930	102,651	164,891	132,321	172,885	15,845	31,258	41,569	34,055	48,669
April	71,428	130,072	195,370	122,797	170,374	19,917	37,468	48,240	32,569	44,945
May	79,637	121,580	151,213	139,456	173,730	22,348	36,363	40,222	34,760	45,302
June	84,387	116,276	180,284	143,229	160,721	22,879	36,881	46,302	35,882	42,920
July	92,669	141,433	190,826	141,961	163,340	21,566	38,763	45,812	33,308	44,872
August	76,218	122,265	177,575	142,042	153,869	21,545	40,285	40,880	38,527	43,433
September	70,266	118,711	127,449	140,775	179,011	21,216	35,448	32,354	37,528	49,467
October	86,908	124,537	124,243	154,339	--------	27,764	36,719	30,266	50,609	--------
November	70,384	119,118	105,512	122,731	--------	24,121	34,948	29,337	45,138	--------
December	68,175	117,235	94,398	110,036	--------	33,442	33,633	28,718	48,548	--------

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record.

No. 877.—Construction Contracts Awarded—Indexes of Value: 1919 to 1939

Note.—1923-25 average=100. Indexes are derived from monthly figures of construction contracts awarded reported by the F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, the total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments were computed separately for "residential" and "all other" types of construction and the two series combined. The indexes are based on a 3-month moving average, centered at the middle month. For a more detailed description of the indexes, see the Federal Reserve Bulletin for July 1931.

Year	Total	Residential	All other	Year and month	Total	Residential	All other	Year and month	Total	Residential	All other
1919	63	44	79	1937:				1938—Con.			
1920	63	30	90	January	63	45	77	April	52	37	65
1921	56	44	65	February	62	47	75	May	51	37	62
1922	79	68	88	March	56	45	64	June	54	42	64
1923	84	81	86	April	53	44	61	July	59	49	68
1924	94	95	94	May	56	44	66	August	66	53	77
1925	122	124	120	June	61	42	77	September	78	56	96
1926	129	121	135	July	67	44	86	October	82	57	102
1927	129	117	139	August	62	40	81	November	96	56	128
1928	135	126	142	Sepember	56	37	71	December	96	57	128
1929	117	87	142	October	52	36	65	1939:			
1930	92	50	125	November	56	32	76	January	86	55	111
1931	63	37	84	December	61	30	87	February	73	58	85
1932	28	13	40	1938:				March	69	55	80
1933	25	11	37	January	52	26	73	April	67	58	74
1934	32	12	48	February	51	32	66	May	63	55	68
1935	37	21	50	March	46	33	56	June	63	58	67
1936	55	37	70								
1937	59	41	74								
1938	64	45	80								

Source: Board of Governors of the Federal Reserve System; figures published currently in Federal Reserve Bulletin.

No. 878.—Building Permits Issued—Number and Cost of Buildings, for Principal Cities: 1934 to 1938

Note.—Figures cover new buildings and repairs to old buildings, but exclude data for installation permits (those for installing boilers, signs, etc.) which are not strictly building operations. These permits are rather numerous, but in value they are of small amount. The number figures represent the number of buildings covered by permits issued (new construction and repairs, etc.), rather than the number of permits. Buildings authorized by permit are not always actually constructed, and the actual cost of those constructed may differ considerably from that originally estimated. The cities shown had a population of 50,000 or over in 1930

City	Total number of buildings					Estimated cost of buildings (thousands of dollars)				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
Akron, Ohio	1,078	1,387	1,781	1,869	1,393	875	1,338	2,416	3,350	1,622
Albany, N. Y	1,593	1,814	2,280	2,376	2,389	1,725	2,121	2,847	3,072	2,994
Allentown, Pa	271	275	370	456	367	436	723	797	1,430	2,741
Altoona, Pa	576	597	552	724	402	165	223	182	604	134
Asheville, N. C	311	246	605	492	418	311	300	664	723	727
Atlanta, Ga	2,387	2,324	2,347	2,148	2,205	2,508	6,622	4,790	4,675	3,956
Atlantic City, N. J	756	865	876	874	714	502	2,191	751	980	763
Augusta, Ga	448	413	476	385	458	794	693	766	737	953
Austin, Tex	1,150	2,219	2,399	2,325	3,052	1,387	5,688	4,773	4,281	6,958
Baltimore, Md	7,514	8,137	8,730	9,845	9,631	8,948	8,326	14,768	15,166	15,765
Bayonne, N. J	215	269	274	272	251	371	1,502	491	671	515
Beaumont, Tex	829	1,104	1,152	1,292	1,251	376	696	1,108	1,373	1,163
Berkeley, Calif	746	1,077	1,758	2,034	2,049	642	1,203	2,520	2,327	3,570
Bethlehem, Pa	110	166	203	272	215	142	301	570	1,325	620
Binghamton, N. Y	2,304	2,290	1,684	1,323	1,187	1,338	1,149	1,784	1,741	1,568
Birmingham, Ala	2,637	3,506	4,158	5,204	5,088	965	2,335	3,614	2,502	2,637
Boston, Mass. [1]	5,317	6,241	6,367	5,921	5,421	9,382	15,416	17,766	22,157	15,190
Bridgeport, Conn	471	658	783	706	766	678	1,153	1,591	2,555	1,489
Brockton, Mass	344	374	344	314	287	206	400	336	530	270
Buffalo, N. Y	1,757	2,216	1,899	2,047	1,970	2,643	4,148	7,143	5,810	7,575
Cambridge, Mass	633	678	684	694	665	595	845	2,939	3,600	3,221
Camden, N. J	295	588	1,113	1,049	851	501	1,601	3,391	1,871	714
Canton, Ohio	559	628	945	1,519	1,343	343	450	927	1,398	1,824
Cedar Rapids, Iowa	1,062	1,521	1,496	1,796	2,036	1,516	979	1,088	1,261	1,654
Charleston, S. C	348	522	570	565	762	677	1,507	2,870	1,567	4,020
Charleston, W. Va	277	521	885	1,200	1,203	274	1,244	2,065	2,498	2,948
Charlotte, N. C	360	944	1,292	910	789	792	1,401	2,741	3,483	2,907
Chattanooga, Tenn	2,338	3,292	4,243	4,007	3,570	625	1,190	2,755	2,754	3,604
Chester, Pa	56	124	99	108	94	232	360	308	381	402
Chicago, Ill	3,201	4,237	5,670	5,830	5,676	10,176	17,839	35,911	35,957	29,350
Cicero, Ill	64	86	156	249	146	159	200	351	725	555
Cincinnati, Ohio	3,788	4,415	4,969	6,055	5,274	4,587	9,919	31,289	15,716	12,001
Cleveland, Ohio	2,871	3,549	4,800	4,720	4,567	3,262	12,357	8,887	11,334	7,390
Columbia, S. C	319	542	629	555	495	930	1,621	3,177	1,590	1,704
Columbus, Ohio	952	1,219	1,674	2,323	2,255	862	2,757	5,608	6,686	6,210
Covington, Ky	182	178	202	180	194	134	136	279	762	345
Dallas, Tex	2,594	3,330	4,304	4,066	4,747	2,551	5,183	11,596	7,534	8,846
Davenport, Iowa	1,360	1,535	1,674	1,625	1,923	355	437	854	1,124	1,680
Dayton, Ohio	603	769	1,072	1,694	1,535	1,426	1,149	3,029	4,403	3,252
Decatur, Ill	136	269	261	325	250	845	572	870	796	1,577
Denver, Colo	2,948	3,470	3,893	4,461	4,849	2,265	5,150	7,500	8,913	8,527
Des Moines, Iowa	879	1,102	1,499	1,305	1,639	1,489	2,158	2,623	2,702	2,899
Detroit, Mich	5,454	10,145	16,618	16,530	17,279	8,889	22,218	43,212	53,412	51,820
Duluth, Minn	1,157	1,631	1,959	1,735	1,990	604	980	1,420	2,197	1,476
Durham, N. C	261	409	459	481	504	676	1,146	1,895	2,297	2,936
East Chicago, Ind	[2] 76	224	336	461	248	[2] 151	645	564	1,624	1,851
East Orange, N. J	834	1,082	1,239	667	541	490	672	1,595	1,559	1,013
East St. Louis, Ill	267	282	421	431	395	238	837	373	809	403
Elizabeth, N. J	265	357	372	389	357	273	587	943	834	1,224
El Paso, Tex	383	462	618	732	717	255	1,183	959	1,707	1,790
Erie, Pa	421	533	621	802	705	280	640	747	1,405	1,651
Evanston, Ill	213	233	320	333	364	742	948	2,108	2,913	2,703
Evansville, Ind	917	1,237	1,605	2,140	1,195	644	1,119	1,953	3,236	1,370
Fall River, Mass	393	321	311	375	309	282	195	312	569	680
Flint, Mich	2,259	2,359	3,455	3,866	2,691	702	1,451	3,439	3,669	2,593
Fort Wayne, Ind	496	1,079	1,562	1,566	1,136	451	1,208	1,793	2,563	2,695
Fort Worth, Tex	903	1,224	2,010	1,920	2,481	1,405	3,312	8,534	7,817	6,319
Fresno, Calif	1,264	2,044	2,333	2,226	2,644	796	2,068	2,155	3,020	2,791
Galveston, Tex	1,328	1,144	1,136	1,243	1,604	484	1,243	1,674	3,910	3,263
Gary, Ind	145	1,359	1,127	1,167	704	221	625	1,290	1,738	1,000
Grand Rapids, Mich	805	999	1,530	2,016	1,857	454	571	1,676	2,167	1,441
Greensboro, N. C	422	540	908	663	591	621	1,074	1,847	2,121	1,872

[1] Figures represent applications filed.
[2] Data for 10 months only; those for November and December not available.

No. 878.—Building Permits Issued—Number and Cost of Buildings, for Principal Cities: 1934 to 1938—Continued

City	Total number of buildings					Estimated cost of buildings (thousands of dollars)				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
Hamilton, Ohio	360	216	331	439	449	742	255	464	771	612
Hammond, Ind	223	1,129	1,415	1,407	1,185	279	1,406	3,261	3,255	2,456
Hamtramck, Mich	296	385	409	432	342	274	510	416	570	336
Harrisburg, Pa	236	309	379	436	400	352	779	1,268	7,284	1,781
Hartford, Conn	1,534	1,574	1,947	1,639	2,100	1,882	2,635	3,045	6,190	3,971
Highland Park, Mich	151	244	249	262	188	160	440	409	1,622	411
Hoboken, N. J	326	390	453	360	445	165	522	497	901	1,194
Holyoke, Mass	156	204	162	186	174	584	336	674	423	467
Houston, Tex	2,085	3,128	4,540	4,683	5,609	4,698	7,339	18,493	18,607	24,992
Huntington, W. Va	205	231	343	478	450	179	613	1,519	1,288	1,553
Indianapolis, Ind	2,922	2,268	2,560	2,911	3,120	2,707	6,334	9,643	7,312	9,316
Irvington, N. J	142	248	324	290	290	149	446	387	982	521
Jackson, Mich	234	298	359	523	307	83	163	377	586	390
Jacksonville, Fla	4,185	4,913	4,746	4,414	4,580	2,150	3,107	4,843	5,037	9,593
Jersey City, N. J	634	762	749	659	549	867	1,063	2,307	2,005	1,434
Johnstown, Pa	340	322	901	704	452	176	123	875	1,315	376
Kalamazoo, Mich	507	620	783	843	758	517	883	1,390	699	2,055
Kansas City, Kans	340	367	444	421	376	264	1,924	612	881	2,020
Kansas City, Mo	525	1,096	985	992	900	1,423	3,926	3,284	5,665	3,185
Kenosha, Wis	203	298	431	418	271	184	389	558	569	393
Knoxville, Tenn	396	640	837	914	896	1,072	1,888	2,698	2,086	1,679
Lakewood, Ohio	223	237	327	292	290	304	421	740	601	1,168
Lancaster, Pa	249	374	496	508	413	268	695	2,242	1,187	736
Lansing, Mich	474	715	939	866	676	394	1,054	2,174	3,860	1,518
Lawrence, Mass	230	321	344	368	292	754	367	908	1,022	630
Lincoln, Nebr	1,188	1,382	1,554	1,577	1,997	567	991	1,078	1,645	1,501
Little Rock, Ark	1,186	1,324	1,200	1,462	1,150	456	577	982	1,479	1,902
Long Beach, Calif	3,537	5,621	7,611	8,454	10,325	2,565	6,828	8,033	8,130	11,456
Los Angeles, Calif	15,966	21,559	30,593	32,884	35,578	14,968	32,519	64,110	64,614	70,969
Louisville, Ky	849	1,297	1,675	1,452	1,472	2,309	3,262	6,523	4,649	3,944
Lowell, Mass	392	411	626	448	362	238	253	553	720	424
Lynn, Mass	457	486	585	658	500	444	796	633	1,113	1,986
Macon, Ga	833	567	885	835	504	644	291	828	430	450
Madison, Wis	466	682	937	1,023	912	716	1,150	1,952	2,428	4,212
Malden, Mass	271	276	305	322	411	275	167	667	463	409
Manchester, N. H	804	930	890	971	2,178	392	390	749	1,354	1,456
McKeesport, Pa	416	556	741	967	684	164	284	681	693	520
Medford, Mass	192	254	261	262	247	279	320	868	414	1,165
Memphis, Tenn	2,131	2,854	3,039	3,574	3,540	1,516	2,772	10,231	6,589	6,102
Miami, Fla	4,124	6,354	7,752	7,075	6,407	2,711	5,411	13,254	13,573	11,707
Milwaukee, Wis	2,191	4,119	6,082	5,243	4,437	2,814	7,405	19,430	12,653	6,552
Minneapolis, Minn	3,035	3,974	4,701	5,067	4,620	3,218	4,772	7,533	10,683	7,852
Mobile, Ala	591	552	513	520	590	807	512	889	1,074	1,272
Montgomery, Ala	1,547	1,483	1,732	1,799	1,334	1,183	1,748	1,556	1,347	2,148
Mt. Vernon, N. Y	189	253	232	212	242	469	1,357	3,870	826	1,465
Nashville, Tenn	818	1,194	2,018	1,409	1,192	1,359	3,545	7,635	4,567	3,346
Newark, N. J	803	1,057	1,088	1,084	896	2,695	5,585	5,689	4,948	3,691
New Bedford, Mass	493	443	604	704	947	440	337	361	780	517
New Britain, Conn	556	552	884	907	944	750	715	1,100	1,011	978
New Haven, Conn	529	588	728	772	891	2,067	1,079	1,333	3,998	3,279
New Orleans, La	851	999	1,361	1,224	1,150	1,422	3,956	4,338	4,230	4,096
New Rochelle, N. Y	178	233	343	351	291	382	591	1,761	3,117	1,767
Newton, Mass	555	664	863	712	806	2,227	2,591	4,423	3,253	2,838
New York, N. Y.:										
Borough of Bronx [1]	6,713	6,229	7,411	7,194	2,428	11,458	23,721	55,043	50,322	48,216
Borough of Brooklyn [1]	11,401	10,566	15,491	15,021	14,358	21,110	48,172	52,848	68,611	65,625
Borough of Manhattan [1]	3,861	4,239	4,753	5,531	4,483	44,807	47,148	63,336	90,289	71,665
Borough of Queens [1]	11,798	13,517	17,604	17,666	17,325	14,825	29,462	49,220	100,814	152,720
Borough of Richmond [1]	1,540	1,655	1,960	2,029	2,086	4,462	5,381	3,620	4,568	3,208
Niagara Falls, N. Y	824	882	1,119	1,633	1,412	1,006	967	3,352	2,888	1,416
Norfolk, Va	586	773	899	963	1,156	1,435	2,612	2,170	3,382	8,266
Oakland, Calif	2,794	3,861	5,101	5,053	5,347	2,689	9,545	8,501	8,101	8,945
Oak Park, Ill	139	225	346	359	329	327	626	1,498	991	715
Oklahoma City, Okla	843	1,298	2,031	2,040	1,842	1,719	3,262	8,294	5,775	5,745
Omaha, Nebr	861	1,157	1,327	1,440	1,598	1,907	1,642	4,349	3,842	1,926
Pasadena, Calif	2,868	2,411	2,913	3,329	3,552	1,721	2,221	3,512	4,411	3,355
Passaic, N. J	687	636	547	546	440	471	479	898	610	444
Paterson, N. J	1,008	1,042	1,012	840	787	724	897	1,788	1,116	1,729
Pawtucket, R. I	346	457	516	555	508	909	456	643	869	1,520

[1] Figures represent applications filed.

No. 878.—Building Permits Issued—Number and Cost of Buildings, for Principal Cities: 1934 to 1938—Continued

City	Total number of buildings					Estimated cost of buildings (thousands of dollars)				
	1934	1935	1936	1937	1938	1934	1935	1936	1937	1938
Peoria, Ill	532	711	1,405	1,257	1,405	934	1,844	4,705	3,788	3,161
Philadelphia, Pa	3,524	4,407	7,288	11,746	9,403	8,284	12,387	23,584	35,794	21,687
Pittsburgh, Pa	2,150	2,448	2,755	3,144	3,000	2,443	5,911	7,673	8,597	10,084
Pontiac, Mich	299	536	798	1,130	651	170	769	1,489	1,632	1,402
Port Arthur, Tex	509	817	1,399	1,480	1,373	234	546	1,028	828	1,445
Portland, Me	754	872	879	882	890	451	438	681	772	634
Portland, Oreg	3,053	3,721	4,710	4,814	4,486	2,358	3,542	6,790	8,688	7,007
Providence, R. I	3,578	3,662	3,974	3,927	3,654	1,711	2,663	5,085	3,028	4,585
Pueblo, Colo	474	544	543	767	788	165	441	280	658	525
Quincy, Mass	712	935	1,196	1,178	1,424	379	554	936	1,177	1,415
Racine, Wis	182	263	377	367	483	160	428	1,174	861	1,000
Reading, Pa	706	646	1,325	1,427	1,170	1,329	360	1,559	1,088	1,360
Richmond, Va	1,244	1,467	1,666	1,529	1,594	1,803	1,743	3,725	4,269	4,599
Roanoke, Va	292	432	480	586	761	167	624	983	2,095	1,561
Rochester, N. Y	1,294	1,393	1,695	1,827	1,714	3,724	2,798	5,778	5,040	3,753
Rockford, Ill	309	539	842	894	761	320	586	1,182	1,321	1,178
Sacramento, Calif	923	1,229	1,859	2,310	2,922	1,732	1,916	7,216	9,166	9,125
Saginaw, Mich	637	[3] 844	1,221	1,341	1,105	337	[3] 1,288	1,529	1,433	1,035
St. Joseph, Mo	165	199	325	235	183	418	311	324	207	789
St. Louis, Mo	3,650	4,125	4,236	3,995	3,917	5,269	15,155	10,231	9,788	9,695
St. Paul, Minn	2,566	2,704	3,210	3,183	3,458	2,343	3,182	6,235	6,196	7,016
Salt Lake City, Utah	967	1,788	1,780	2,195	2,332	1,177	1,926	3,448	3,931	4,151
San Antonio, Tex	1,707	6,097	2,907	3,028	3,076	1,754	6,056	4,731	5,201	6,251
San Diego, Calif	1,858	3,065	3,949	4,210	4,530	2,746	5,327	9,456	9,306	13,996
San Francisco, Calif	2,935	4,064	5,663	5,861	6,555	7,112	12,345	19,930	20,359	25,526
San Jose, Calif	676	839	1,173	1,237	1,280	1,323	1,323	2,346	2,320	2,940
Savannah, Ga	221	226	314	433	561	391	389	1,523	1,052	976
Schenectady, N. Y	976	1,156	1,295	1,457	1,184	564	965	1,791	2,538	1,628
Scranton, Pa	618	653	595	463	523	664	581	1,576	758	1,831
Seattle, Wash	3,133	3,474	4,168	4,045	4,145	2,318	3,827	6,278	7,003	9,151
Shreveport, La	1,818	1,447	1,432	1,513	1,703	1,865	1,305	2,511	2,886	5,073
Sioux City, Iowa	310	360	409	357	438	1,145	529	887	756	1,120
Somerville, Mass	323	301	295	347	286	252	305	538	431	259
South Bend, Ind	577	887	1,234	1,680	1,113	228	559	1,022	1,392	1,058
Spokane, Wash	1,325	1,752	2,803	3,264	3,468	754	1,668	3,946	2,880	3,380
Springfield, Ill	247	412	433	468	387	418	490	2,587	1,767	1,721
Springfield, Mass	513	529	610	796	690	988	582	1,300	2,807	2,371
Springfield, Mo	406	687	746	798	778	440	580	976	1,455	1,949
Springfield, Ohio	267	437	582	747	734	217	574	834	972	1,407
Syracuse, N. Y	576	613	802	726	673	1,241	1,967	3,137	2,752	1,733
Tacoma, Wash	706	949	1,779	1,753	1,482	459	676	1,448	1,453	1,595
Tampa, Fla	1,985	2,114	1,990	2,134	3,032	440	962	1,410	2,037	1,351
Terre Haute, Ind	439	619	719	652	440	1,125	322	912	533	2,596
Toledo, Ohio	998	1,060	1,714	1,873	1,363	2,448	1,762	5,913	4,382	2,337
Topeka, Kans	436	631	980	830	757	305	979	2,154	2,125	1,876
Trenton, N. J	443	396	590	530	489	675	549	888	983	1,028
Troy, N. Y	428	513	542	591	590	674	1,254	994	951	588
Tulsa, Okla	690	989	1,138	1,100	1,492	1,008	1,569	2,588	6,357	3,261
Union City, N. J	357	424	372	391	309	261	435	392	594	235
Utica, N. Y	225	197	178	177	139	1,317	289	521	995	656
Waco, Tex	191	308	410	427	402	206	1,837	920	784	890
Washington, D. C	4,548	6,792	7,778	6,873	6,662	20,929	47,216	47,772	43,295	51,578
Waterbury, Conn	338	359	554	533	525	640	471	1,320	1,362	1,608
Wheeling, W. Va	422	458	747	689	536	429	570	1,227	2,293	941
Wichita, Kans	811	1,867	1,938	2,236	2,936	707	1,251	2,350	2,306	3,167
Wilkes-Barre, Pa	612	646	1,175	1,043	1,117	438	752	1,205	1,010	998
Wilmington, Del	584	1,059	1,243	1,184	985	1,156	2,430	4,101	4,270	2,280
Winston-Salem, N.C	706	829	1,422	1,367	1,230	352	1,066	1,499	2,121	2,516
Worcester, Mass	1,103	1,156	1,212	1,227	2,377	1,306	1,959	1,960	3,426	3,426
Yonkers, N. Y	469	660	691	749	779	942	2,368	3,877	5,097	9,794
York, Pa	694	855	1,104	1,270	1,213	432	414	715	1,051	641
Youngstown, Ohio	694	914	1,059	1,191	868	449	740	1,558	1,882	1,293

[3] Data for 11 months only; March records destroyed by fire.

Source: Department of Labor, Bureau of Labor Statistics; report No. 650, Statistics of Building Construction, 1920 to 1937; figures published currently in monthly report, Building Construction.

No. 879.—Building Permits Issued—Number and Cost of Buildings, by Class: 1937 and 1938

Note.—See headnote, table 878. Figures cover 1,700 identical cities

Class of building	Number of buildings		Percent increase or decrease	Estimated cost (1,000 dollars)		Percent increase or decrease
	1937	1938		1937	1938	
Grand total, all buildings	870, 631	662, 929	−1. 1	1, 702, 216	1, 753, 195	+3. 0
Total, new buildings	260, 911	273, 196	+4. 7	1, 328, 317	1, 435, 218	+8. 0
New residential buildings	136, 606	156, 203	+14. 3	763, 356	868, 149	+13. 7
1-family dwellings	125, 942	145, 211	+15. 3	538, 957	573, 161	+6. 3
2-family dwellings	5, 586	5, 708	+2. 2	30, 735	29, 083	−5. 4
1-family and 2 family dwellings with stores	1, 043	942	−9. 7	4, 120	3, 610	−12. 4
Multifamily dwellings	3, 438	3, 899	+13. 4	165, 659	247, 746	+49. 6
Multifamily dwellings with stores	261	137	−47. 5	11, 801	5, 804	−50. 8
Hotels	85	65	−23. 5	5, 043	2, 680	−46. 9
Lodging houses	27	32	+18. 5	276	154	−44. 2
Other	224	209	−6. 7	6, 706	5, 912	−12. 6
New nonresidential buildings	124, 305	116, 993	−5. 9	564, 961	567, 069	+0. 4
Amusement buildings	1, 418	1, 555	+9. 7	26, 907	27, 877	+3. 6
Churches	837	878	+4. 9	14, 718	15, 932	+8. 2
Factories and workshops	3, 209	2, 278	−29. 0	82, 287	43, 912	−46. 6
Public garages	1, 120	815	−27. 2	10, 027	7, 689	−23. 3
Private garages	80, 936	75, 595	−6. 6	21, 864	19, 344	−11. 5
Service stations	4, 518	4, 175	−7. 6	16, 829	14, 859	−11. 7
Institutions	260	323	+24. 2	27, 220	52, 670	+93. 5
Office buildings	594	447	−24. 7	20, 441	19, 000	−7. 1
Public buildings	481	708	+47. 2	91, 804	107, 314	+16. 9
Public works and utilities	599	641	+7. 0	32, 602	33, 195	+1. 6
Schools and libraries	623	898	+44. 1	103, 461	125, 392	+21. 2
Sheds	15, 578	15, 552	−0. 2	5, 559	4, 454	−19. 9
Stables and barns	523	549	+5. 0	1, 051	476	−54. 7
Stores and warehouses	11, 808	10, 233	−13. 3	107, 603	92, 077	−14. 4
All other	1, 801	2, 346	+30. 3	2, 530	2, 878	+13. 7
Additions, alterations, and repairs	409, 720	389, 733	−4. 9	373, 899	317, 976	−15. 0

No. 880.—Building Construction—Cost, Families Provided for, and Population, for 257 Identical Cities: 1923 to 1938

[Estimated-cost figures are based on permits issued for new buildings and for repairs to old buildings but do not include data for installation permits. See headnote, table 878.]

Year	Estimated cost of buildings (thousands of dollars)				Estimated population (thousands)	Families provided for			Percentage of families provided for		
	Total building operations	New residential buildings	New nonresidential buildings	Additions, alterations, and repairs		Number	Ratio to each 10,000 inhabitants	Index number adjusted to population (1921=100)	1-family dwellings	2-family dwellings [1]	Multifamily dwellings [2]
1923	3, 398, 884	1, 998, 393	1, 065, 624	334, 867	39, 076	453, 673	116. 1	193. 4	45. 8	21. 2	33. 0
1924	3, 508, 267	2, 038, 427	1, 125, 291	344, 548	39, 909	442, 096	110. 8	184. 6	47. 4	21. 4	31. 2
1925	4, 028, 066	2, 390, 390	1, 300, 494	337, 182	40, 742	491, 032	120. 5	200. 8	45. 9	17. 5	36. 6
1926	3, 826, 927	2, 222, 875	1, 262, 738	341, 315	41, 575	462, 208	111. 2	185. 2	40. 7	13. 9	45. 4
1927	3, 478, 604	1, 906, 003	1, 231, 786	340, 815	42, 409	406, 095	95. 8	159. 5	38. 3	13. 4	48. 3
1928	3, 304, 700	1, 860, 424	1, 135, 570	309, 706	43, 242	388, 678	89. 9	149. 7	35. 2	11. 1	53. 7
1929	2, 933, 212	1, 433, 716	1, 147, 797	351, 700	44, 075	244, 394	55. 4	92. 4	40. 2	11. 2	48. 6
1930	1, 697, 725	601, 270	849, 387	247, 068	[3] 44, 908	125, 315	27. 9	46. 5	45. 7	12. 1	42. 2
1931	1, 237, 458	426, 270	622, 830	188, 357	(4)	98, 158	21. 9	36. 4	49. 2	11. 5	39. 3
1932	481, 219	103, 445	275, 509	102, 265	(4)	27, 380	6. 1	10. 2	71. 3	12. 4	16. 3
1933	382, 279	91, 345	183, 006	107, 928	(4)	25, 885	5. 8	9. 6	55. 8	8. 2	36. 0
1934	379, 231	76, 622	166, 361	136, 248	(4)	20, 952	4. 7	7. 8	60. 0	6. 9	33. 1
1935	655, 210	211, 896	260, 118	183, 196	(4)	55, 490	12. 4	20. 6	55. 9	5. 4	38. 7
1936	1, 041, 992	472, 634	331, 573	237, 785	(4)	115, 539	25. 7	42. 9	51. 9	4. 6	43. 5
1937	1, 165, 442	475, 772	412, 249	277, 421	(4)	117, 323	26. 1	43. 5	56. 4	6. 2	37. 3
1938	1, 175, 841	581, 186	367, 701	226, 954	(4)	157, 104	35. 0	58. 3	49. 8	4. 9	45. 3

[1] Including 1- and 2 family dwellings with stores. [2] Including multifamily dwellings with stores.
[3] Based on enumeration. [4] No estimate made; ratios based on census of 1930.

Source of tables 855 and 856: Department of Labor, Bureau of Labor Statistics; figures published currently in the Monthly Labor Review.

No. 881.—Construction and Other Projects Financed From Federal Funds—Value, by Type, 1935 to 1938, and by Fund, 1938

Note.—In thousands of dollars. In the case of Federal projects financed from Public Works Administration funds, the entire amount is allotted to Federal departments or other Federal agencies. The work is performed by commercial firms under contracts or, in force-account, by day labor hired directly by the Federal agencies for construction work. In the cases of allotments to States and local governments for non-Federal projects, the Public Works Administration makes a direct grant of not more than 30 percent of the total labor and material cost on projects financed from funds appropriated under the National Industrial Recovery Act, and of not more than 45 percent of the total labor and material cost on projects financed by funds provided under the Emergency Relief Appropriation Acts of 1935, 1936, and 1937 or the Public Works Administration Act of 1938. The State or local government finances the other 70 or 55 percent, in some cases through loans at interest from the Public Works Administration. Commercial allotments are in the form of loans and for the most part have been made to railroads

Federal fund and year	All types of projects	Building	Electrification	Forestry	Heavy engineering	Hydroelectric power plants	Plant, crop, and livestock conservation [1]	Professional, technical, and clerical projects
Total, all funds:								
1935	[2] 1,661,260	[2] 439,628	6,754	15,265	31,171	11,314	19,625	16,640
1936	[3] 1,612,252	[3] 497,929	24,085	17,924	40,218	2,980	9,153	25,010
1937	[4] 1,256,061	[4] 344,567	62,342	4,710	35,331	12,054	6,647	5,996
1938	[5] 2,038,951	[5] 641,025	104,449	991	70,290	30,016	9,041	5,285
1938, by Funds								
Federal projects administered by The Works Program	99,587	49,198	3	330		689	9,041	2,882
Regular Federal appropriations	1,059,590	65,174	79,485	654	2,528			
Public Works Adm.:								
Federal	137,704	90,769	7,349	7				2,403
Non-Federal:								
N. I. Recovery Act	24,034	2,304	1,193		9,444	1,903		
E. R. Appropriation Acts of 1935, 1936, and 1937	194,559	115,359	9,328		10,794	27,379		
P. W. A. A. 1938 [6]	523,477	318,221	7,091		47,524	45		

Federal fund and year	Public roads [7]		Railroad construction and repair	Reclamation	River, harbor, and flood control	Naval vessels	Streets and road paving [8]		Water and sewerage systems	Miscellaneous
	Grade crossing elimination	Roads					Grade crossing elimination	Streets and roads		
Total, all funds:										
1935	23,967	310,851	14,671	153,624	285,375	123,409	3,217	43,241	135,757	26,751
1936	100,350	360,801	5,040	73,797	115,913	108,314	1,488	30,048	154,796	34,806
1937	25,058	299,845	84	59,051	73,958	181,467	7,362	28,602	75,558	[9] 33,430
1938	4,289	311,587		175,607	129,436	291,514	5,108	50,117	115,448	[9] 94,748
1938, by Funds										
Federal projects administered by The Works Program	4,289	3,651		9,588	9,207			5,871	265	4,573
Regular Federal appropriations		281,715		139,054	111,014	291,514	804	5,323	1,446	80,879
Public Works Adm.:										
Federal		2,892		20,415	4,936			815	1,623	6,495
Non-Federal:										
N. I. Recovery Act				2,571	39			1,034	5,543	3
E. R. Appropriation Acts of 1935, 1936, and 1937		1,638		2,808	217		222	3,980	22,831	3
P. W. A. A. 1938 [6]		21,691		1,171	4,023		4,082	33,094	83,740	2,795

[1] Figures include data for projects other than construction.
[2] Includes $17,764,000 for low-cost housing projects (Housing Division, P. W. A.).
[3] Includes figures for low-cost housing projects (Housing Division, P. W. A.), as follows: Total, $54,797,000; National Industrial Recovery Act fund, $762,000; Emergency Relief Appropriation Acts of 1935 and 1936 funds, $54,035,000.
[4] Includes figures for low-cost housing projects (Housing Division, P. W. A.), as follows: Total, $17,239,000; N. I. R. A. fund, $5,699,000; E. R. Appropriation Acts of 1935, 1936, and 1937 funds, $11,540,000.
[5] Includes $31,209,000 for low-cost housing projects; of this amount $30,572,000 is for United States Housing Authority projects and $637,000 for P. W. A. projects (Housing Division, P. W. A.) made up as follows: N. I. R. A. $188,000; E. R. A. A. 1935, $449,000.
[6] Program started July 1938.
[7] Reported by the Pubic Roads Administration.
[8] Except projects reported by the Public Roads Administration, headed "Public roads."
[9] Includes amounts for ship construction and repair of other than naval vessels as follows: For 1937, $15,805,000; 1938, total, $83,194,000: Regular Federal Appropriations, $78,678,000; Public Works Administration, Federal, $3,031,000; P. W. A. A., 1938, Non-Federal, $1,485,000.

Source: Department of Labor, Bureau of Labor Statistics; figures published currently in Monthly Labor Review.

No. 882.—Construction in the United States—Estimated Expenditures for Public and Private Construction: 1915 to 1938

Note.—The estimates represent the value of work performed during the year, as measured by expenditures for labor, material, and other items. They consequently differ from building permit and construction contract data which measure the value of work started. In addition, they have a generally broader coverage than permit and contract data.

Year	Private construction (value in millions of dollars)									
	New								Maintenance	Total
	Residential building (nonfarm)	Nonresidential building [1]	Farm construction [2]	Railroad and street railway [3]	Light and power [3]	Telephone and telegraph [3]	Other public utility [3]	Total new construction		
1915	990	424	284	353	92	41	56	2,240	964	3,204
1916	1,110	639	334	390	117	60	78	2,728	1,024	3,752
1917	940	712	472	515	123	83	59	2,904	1,083	3,987
1918	720	638	591	472	102	70	47	2,640	1,342	3,982
1919	1,600	956	680	329	156	73	104	3,898	1,549	5,447
1920	1,610	1,743	578	266	262	120	111	4,690	1,829	6,519
1921	1,760	1,329	395	243	163	99	83	4,072	1,665	5,737
1922	2,833	1,373	359	261	229	115	148	5,318	1,670	6,988
1923	3,757	1,560	409	435	412	155	154	6,882	1,810	8,692
1924	4,300	1,528	450	421	463	192	223	7,586	1,908	9,494
1925	4,584	1,938	471	445	421	206	185	8,250	1,994	10,244
1926	4,591	2,381	471	542	380	222	223	8,810	2,107	10,917
1927	4,289	2,414	474	539	383	208	273	8,580	2,175	10,755
1928	3,961	2,425	464	523	353	242	212	8,180	2,200	10,380
1929	3,424	2,432	464	592	387	348	236	7,883	2,296	10,179
1930	2,195	1,867	367	606	409	334	163	5,941	2,140	8,081
1931	1,396	1,110	259	361	258	164	164	3,712	1,553	5,265
1932	641	539	125	168	121	86	87	1,767	1,128	2,895
1933	314	357	175	115	52	45	33	1,091	1,016	2,107
1934	272	453	200	158	57	48	44	1,232	1,194	2,426
1935	533	450	284	156	73	53	56	1,605	1,413	3,018
1936	1,101	658	328	194	108	67	95	2,551	1,742	4,293
1937	1,393	933	360	238	172	105	125	3,326	1,854	5,180
1938	1,390	706	336	160	182	92	66	2,932	1,837	4,769

Year	Public construction (value in millions of dollars)									Grand total, public and private (millions of dollars) [6]
	New						Work-relief construction [5]	Maintenance	Total	
	Highway	Sewers and water supply	Residential and nonresidential building	Military and naval	All other [4]	Total new construction				
1915	298	106	217	17	77	715	--------	267	982	4,186
1916	308	95	207	21	72	703	--------	269	972	4,724
1917	313	91	192	608	69	1,273	--------	290	1,563	5,550
1918	288	94	227	1,555	67	2,231	--------	310	2,541	6,523
1919	415	124	260	1,089	75	1,963	--------	375	2,338	7,785
1920	640	153	283	161	97	1,334	--------	469	1,803	8,322
1921	840	178	387	49	96	1,550	--------	528	2,078	7,815
1922	851	201	481	25	99	1,657	--------	548	2,205	9,193
1923	783	203	481	16	115	1,598	--------	565	2,163	10,855
1924	951	263	494	9	145	1,862	--------	633	2,495	11,989
1925	1,056	278	573	8	193	2,108	--------	655	2,763	13,007
1926	1,039	285	603	11	175	2,113	--------	692	2,805	13,722
1927	1,190	312	596	12	258	2,368	--------	758	3,126	13,881
1928	1,270	300	638	15	239	2,462	--------	796	3,258	13,638
1929	1,248	253	642	19	249	2,411	--------	816	3,227	13,406
1930	1,481	343	647	29	277	2,777	--------	871	3,648	11,729
1931	1,323	270	591	40	353	2,577	--------	776	3,353	8,618
1932	916	156	408	34	280	1,794	--------	624	2,418	5,313
1933	675	81	191	36	233	1,216	114	527	1,857	3,964
1934	821	116	181	47	204	1,459	578	599	2,636	5,062
1935	622	137	248	37	384	1,428	406	640	2,474	5,492
1936	876	208	582	29	459	2,154	1,130	710	3,994	8,287
1937	848	181	533	37	415	2,014	775	718	3,507	8,687
1938	900	185	574	62	436	2,157	1,202	736	4,095	8,864

[1] Excludes nonresidential building by utilities.
[2] Includes expenditures for residential and nonresidential construction and repairs.
[3] Excludes expenditures for equipment.
[4] Largely expenditures for rivers and harbors, flood control and reclamation work and public service enterprises.
[5] In addition to the work-relief expenditures shown in this column, a small amount of work-relief is included in new construction.
[6] Includes new construction, maintenance, and work-relief construction.

Source: Dept. of Commerce, Bureau of Foreign and Domestic Commerce; Construction Activity in the U. S., 1915–37; also published in certain issues of the Survey of Current Business; later revisions from official records.

No. 883.—Construction Industry—Summary, by Class of Contractor: 1935

Note.—The 1935 Census covered reporting contracting establishments that did work valued at $500 or more. Figures do not cover all construction work done in the United States, as some contractors failed to make returns. No data for *force-account construction* (no contracts let) are included. In reporting work done, each contractor accounted for only the work performed by his own organization, excluding value of work sublet to other contractors

[Value of work performed and pay roll in thousands of dollars]

Kind of business group	All reporting establishments, total		Establishments reporting work performed, personnel, and pay roll					Establishments reporting work performed only	
	Number of establishments	Value of work performed	Number of establishments	Value of work performed	Active proprietors and firm members	Employees (average for year)	Pay roll [1]	Number of establishments	Value of work performed
United States	75,047	1,622,862	69,838	1,457,710	69,193	409,137	470,275	5,209	165,152
General contractors	11,491	944,279	9,883	834,391	8,286	258,344	277,912	1,608	109,888
Building [2]	8,337	398,980	7,241	356,512	6,433	106,366	120,316	1,096	42,468
Highway	2,116	280,332	1,723	240,949	1,298	87,242	76,403	393	39,383
Heavy construction	1,038	264,967	919	236,930	555	64,736	81,193	119	28,037
Special trade contractors	63,556	678,583	59,955	623,319	60,907	150,793	192,363	3,601	55,264
Carpentering	7,853	31,993	7,633	30,123	8,078	6,974	6,894	220	1,870
Concreting	981	11,311	946	10,884	971	3,736	3,897	35	427
Electrical	8,473	104,774	7,457	93,229	7,300	21,014	30,993	1,016	11,545
Elevator installation	404	23,538	351	21,394	138	4,182	7,919	53	2,144
Excavating and/or foundation	375	13,646	364	11,913	339	4,005	4,417	11	1,733
Glass and glazing	141	2,432	140	2,425	115	509	806	1	7
Heating and plumbing group	23,856	284,679	22,947	269,031	23,238	58,249	72,362	909	15,648
Heating and piping	1,809	58,625	1,607	52,423	1,262	10,181	15,351	202	6,202
Heating and piping with sheet metal	1,790	27,144	1,733	26,284	1,801	6,513	8,036	57	860
Heating, piping, plumbing	8,441	111,803	8,181	107,413	8,299	23,228	28,288	260	4,390
Heating, piping, plumbing with sheet metal	1,339	24,200	1,329	24,020	1,373	5,754	7,027	10	180
Plumbing	9,984	60,017	9,612	56,162	9,968	11,960	13,042	372	3,855
Plumbing with sheet metal	493	2,890	485	2,729	535	613	618	8	161
Roofing and sheet metal group	5,927	70,860	5,591	63,385	5,700	16,094	18,470	336	7,475
Roofing	1,931	30,960	1,813	28,311	1,726	7,301	8,329	118	2,649
Sheet metal	2,526	16,410	2,376	13,612	2,572	3,196	3,483	150	2,798
Roofing and sheet metal	1,470	23,490	1,402	21,462	1,402	5,597	6,667	68	2,028
Masonry	1,288	13,653	1,031	10,722	1,098	3,167	3,856	257	2,931
Ornamental iron	158	1,517	152	1,385	138	320	403	6	132
Painting, paperhanging, and decorating	11,078	56,406	10,633	52,456	11,441	16,229	20,469	445	3,950
Plastering	899	10,110	888	9,878	906	3,278	4,368	11	232
Steel erection	118	7,582	105	6,384	67	1,498	2,389	13	1,198
Stone setting	76	1,567	63	1,109	54	338	535	13	458
Tile and mantel	891	16,713	727	14,136	620	3,908	4,847	164	2,577
Wrecking and demolition	129	2,652	128	2,644	119	1,025	1,060	1	8
Other	909	25,150	799	22,221	585	6,267	8,660	110	2,929

[1] Does not include compensation for proprietors and firm members of unincorporated businesses.
[2] Includes operative builders.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

No. 884.—Construction Industry—Summary by States: 1935

Note.—Value of work performed and pay roll in thousands of dollars. The figures for each State cover the activities, including work done in other States, of contracting establishments located in the given State. See also headnote, table 883

Division and State	All reporting establishments, total		Establishments reporting work performed, personnel, and pay roll					Establishments reporting work performed only	
	Number of establishments	Value of work performed	Number of establishments	Value of work performed	Active proprietors and firm members	Employees (average for year)	Pay roll [1]	Number of establishments	Value of work performed
United States	75,047	1,622,862	69,838	1,457,710	69,193	409,137	470,275	5,209	165,152
New England	6,889	115,901	6,439	105,275	6,209	28,991	36,020	450	10,626
Maine	668	6,424	638	6,029	630	1,898	2,014	30	395
New Hampshire	443	5,691	428	5,439	462	1,459	1,672	15	252
Vermont	314	2,294	295	1,874	323	598	591	19	420
Massachusetts	3,393	60,774	3,161	54,122	2,991	13,904	18,445	232	6,652
Rhode Island	389	8,473	347	7,821	314	2,299	2,835	42	652
Connecticut	1,682	32,245	1,570	29,990	1,480	8,833	10,463	112	2,255
Middle Atlantic	21,418	416,302	20,188	379,315	19,145	91,601	126,730	1,230	36,987
New York	10,990	266,088	10,309	241,074	9,214	55,957	83,138	681	25,014
New Jersey	4,131	51,680	3,944	48,133	3,767	11,712	15,314	187	3,547
Pennsylvania	6,297	98,534	5,935	90,108	6,164	23,932	28,278	362	8,426
East North Central	15,809	339,774	14,565	299,067	14,405	81,417	100,595	1,244	40,707
Ohio	4,282	77,879	3,949	68,735	3,895	17,662	22,276	333	9,144
Indiana	2,320	31,773	2,197	27,860	2,291	7,612	7,949	123	3,913
Illinois	3,883	130,470	3,557	115,174	3,395	31,507	41,341	326	15,296
Michigan	2,294	58,926	2,105	52,331	2,115	14,436	18,584	189	6,595
Wisconsin	3,030	40,726	2,757	34,967	2,709	10,200	10,445	273	5,759
West North Central	8,940	182,364	8,298	165,072	8,633	52,070	49,384	642	17,292
Minnesota	2,083	47,660	1,951	45,119	2,101	16,372	13,719	132	2,541
Iowa	1,916	28,993	1,701	24,219	1,817	6,616	6,455	215	4,774
Missouri	2,412	66,509	2,267	61,392	2,184	18,239	19,601	145	5,117
North Dakota	232	3,585	215	3,217	235	1,082	873	17	368
South Dakota	271	4,644	261	4,358	270	1,210	1,115	10	286
Nebraska	972	18,659	912	16,386	960	5,303	4,915	60	2,273
Kansas	1,054	12,314	991	10,381	1,066	3,248	2,706	63	1,933
South Atlantic	6,759	177,455	6,376	159,527	6,198	50,591	50,033	383	17,928
Delaware	229	4,597	222	4,548	201	1,455	1,640	7	49
Maryland	1,166	22,680	1,080	19,831	1,075	5,776	6,137	86	2,849
Dist. of Columbia	414	28,127	376	25,787	271	6,459	8,684	38	2,340
Virginia	1,234	22,883	1,183	20,957	1,223	6,125	6,225	51	1,926
West Virginia	649	9,588	618	8,575	647	3,437	2,858	31	1,013
North Carolina	849	25,319	801	20,840	818	7,036	6,189	48	4,479
South Carolina	379	10,534	364	10,124	353	3,736	3,205	15	410
Georgia	896	24,774	858	21,960	828	7,681	6,578	38	2,814
Florida	943	28,953	874	26,905	782	8,386	8,517	69	2,048
East South Central	3,068	53,843	2,937	47,621	3,107	17,665	13,715	131	6,222
Kentucky	1,427	16,953	1,392	15,391	1,480	5,367	4,443	35	1,562
Tennessee	829	22,005	794	21,149	831	7,969	6,039	35	856
Alabama	448	12,049	398	8,436	415	3,217	2,503	50	3,613
Mississippi	364	2,836	353	2,645	381	1,112	730	11	191
West South Central	3,275	83,843	3,050	76,576	3,105	27,440	22,287	225	7,267
Arkansas	326	5,059	308	4,750	330	2,301	1,292	18	309
Louisiana	537	17,086	503	15,696	478	4,724	4,320	34	1,390
Oklahoma	608	14,489	567	12,496	575	3,684	3,262	41	1,993
Texas	1,804	47,209	1,672	43,634	1,722	16,731	13,413	132	3,575
Mountain	2,243	54,971	2,052	45,101	2,192	13,846	14,532	191	9,870
Montana	287	7,657	249	6,578	260	2,001	2,006	38	1,079
Idaho	296	8,891	271	8,208	308	2,815	3,072	25	683
Wyoming	287	3,180	282	3,083	305	873	873	5	97
Colorado	564	13,713	503	9,382	512	2,763	3,059	61	4,331
New Mexico	114	3,660	97	3,050	110	717	778	17	610
Arizona	204	5,373	188	4,327	197	1,443	1,502	16	1,046
Utah	430	10,391	408	8,425	447	2,634	2,484	22	1,966
Nevada	61	2,106	54	2,048	53	600	758	7	58
Pacific	6,646	198,409	5,933	180,156	6,208	45,516	56,979	713	18,253
Washington	1,060	35,879	938	33,302	933	7,608	10,241	122	2,577
Oregon	654	24,239	595	20,404	626	5,542	6,852	59	3,835
California	4,932	138,291	4,400	126,450	4,649	32,366	39,886	532	11,841

[1] Does not include compensation for proprietors and firm members of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

No. 885.—CONSTRUCTION INDUSTRY—SUMMARY FOR 46,429 ESTABLISHMENTS, BY CLASS OF CONTRACTOR, AND BY STATES: 1935

NOTE.—This table covers only establishments that furnished detailed reports. See also headnote, table 883

Kind of business group, division, and State	Number of establishments	Work performed				Active proprietors and firm members	Employees, average for year	Pay roll (1,000 dollars) [2]	Cost of material installed (1,000 dollars)	Percent of total work performed	
		Value (1,000 dollars)	Percent performed— In home city	In home State [1]	Outside home State					Pay-roll	Material
United States	46,429	1,330,835	57.5	27.4	15.1	44,531	379,067	436,802	559,441	32.8	42.0
General contractors	9,753	829,058	44.7	34.3	21.0	8,171	256,971	275,928	345,603	33.3	41.7
Building [3]	7,139	352,329	66.1	21.4	12.5	6,337	105,302	118,618	162,641	33.7	46.2
Highway	1,711	240,458	21.9	58.8	19.3	1,290	87,066	76,250	97,587	31.7	40.6
Heavy construction	903	236,271	36.1	28.5	35.4	544	64,603	81,060	85,375	34.3	36.1
Special trade contractors	36,676	501,777	78.5	16.1	5.4	36,360	122,096	160,874	213,838	32.1	42.6
New England	4,350	92,104	63.0	28.9	8.1	4,044	25,853	32,319	38,324	35.1	41.6
Maine	536	5,553	75.7	22.0	2.3	526	1,783	1,897	2,274	34.2	41.0
New Hampshire	218	4,237	54.3	38.9	6.8	229	1,215	1,415	1,962	33.4	46.3
Vermont	141	1,327	74.9	21.9	3.2	163	447	436	546	32.9	41.1
Massachusetts	2,284	48,279	67.1	27.1	5.8	2,093	12,516	16,731	20,309	34.7	42.1
Rhode Island	190	6,388	50.6	38.8	10.6	162	1,867	2,204	2,704	35.9	43.7
Connecticut	981	26,320	56.8	30.1	13.1	871	8,025	9,546	10,439	36.3	39.7
Middle Atlantic	13,053	336,697	66.4	21.4	12.2	11,784	82,455	115,637	140,299	34.3	41.7
New York	6,462	215,569	68.6	18.9	12.5	5,291	50,768	76,391	88,840	35.4	41.2
New Jersey	2,712	43,309	58.4	33.9	7.7	2,524	10,766	14,224	18,209	32.8	42.0
Pennsylvania	3,879	77,819	64.9	21.0	14.1	3,969	20,921	25,022	33,250	32.2	42.7
East North Central	9,843	274,832	57.9	25.7	16.4	9,351	75,352	93,820	112,300	34.1	40.9
Ohio	2,649	62,137	58.2	24.2	17.6	2,492	16,167	20,475	24,563	33.0	39.5
Indiana	1,402	24,966	56.8	29.6	13.6	1,439	6,901	7,252	11,677	29.0	46.8
Illinois	2,391	107,957	55.5	23.9	20.6	2,170	29,590	39,102	43,315	36.2	40.1
Michigan	1,255	47,638	57.9	30.2	11.9	1,175	13,225	17,251	18,962	36.2	39.8
Wisconsin	2,146	32,134	66.7	24.5	8.8	2,075	9,469	9,740	13,783	30.3	42.9
West North Central	5,157	152,660	40.6	27.7	31.7	5,280	49,167	46,253	63,865	30.3	41.8
Minnesota	1,492	41,938	43.5	27.1	29.4	1,597	15,658	12,668	16,376	30.2	39.0
Iowa	881	21,752	38.9	32.9	28.2	932	6,058	5,977	10,049	27.5	46.2
Missouri	1,530	58,365	40.4	18.8	40.8	1,419	17,430	18,739	24,194	32.1	41.5
North Dakota	104	2,617	43.5	43.7	12.8	118	946	739	1,084	28.2	41.4
South Dakota	157	3,876	40.8	43.2	16.0	159	1,117	1,019	1,709	26.3	44.1
Nebraska	495	15,056	30.8	39.7	29.5	518	4,981	4,612	6,461	30.6	42.9
Kansas	498	9,056	48.6	44.3	7.1	537	2,977	2,499	3,992	27.6	44.1
South Atlantic	4,154	147,586	59.5	25.5	15.0	3,845	47,199	46,909	67,556	31.8	45.8
Delaware	150	4,328	68.8	28.0	3.2	123	1,395	1,598	1,716	36.9	39.6
Maryland	710	17,703	59.0	26.0	15.0	680	5,227	5,594	8,135	31.6	46.0
Dist. of Columbia	305	24,746	88.5	------	11.5	202	6,197	8,339	11,151	33.7	45.1
Virginia	673	18,114	57.4	30.9	11.7	663	5,376	5,539	8,983	30.6	49.6
West Virginia	338	7,525	36.2	46.8	17.0	355	3,169	2,607	2,757	34.6	36.6
North Carolina	499	18,924	61.0	29.3	9.7	493	6,446	5,707	9,255	30.2	48.9
South Carolina	276	9,774	42.6	31.3	26.1	258	3,593	3,101	4,733	31.7	48.4
Georgia	533	20,711	40.6	31.6	27.8	492	7,278	6,244	8,954	30.1	43.2
Florida	670	25,761	59.2	29.3	11.5	579	8,518	8,180	11,872	31.8	46.1
East South Central	2,045	44,367	53.7	28.8	17.5	2,138	16,612	12,886	20,056	29.0	45.2
Kentucky	934	13,903	57.8	30.0	12.2	992	4,921	4,052	5,608	29.1	40.3
Tennessee	582	20,187	49.5	27.9	22.6	591	7,642	5,796	9,568	28.7	47.4
Alabama	267	7,830	58.1	23.3	18.6	272	3,006	2,350	3,747	30.0	47.9
Mississippi	262	2,447	51.6	46.4	2.0	283	1,043	688	1,133	28.1	46.3
West South Central	1,953	71,479	40.9	46.4	12.7	1,935	25,998	20,987	29,774	29.4	41.7
Arkansas	214	4,417	39.8	57.3	2.9	230	2,203	1,219	1,985	27.6	44.9
Louisiana	254	14,315	44.7	33.9	21.4	215	4,290	3,955	6,071	27.6	42.4
Oklahoma	351	11,476	27.5	62.7	9.8	343	3,432	2,900	4,642	26.1	40.4
Texas	1,134	41,271	43.3	45.1	11.6	1,147	16,073	12,823	17,076	31.1	41.4
Mountain	1,478	41,667	36.5	42.1	21.4	1,591	13,117	13,702	15,655	32.9	37.6
Montana	160	5,951	41.0	56.4	2.6	169	1,871	1,853	2,202	31.1	38.5
Idaho	163	7,742	15.3	25.1	59.6	191	2,709	2,946	2,188	38.1	28.3
Wyoming	236	2,837	43.0	38.6	18.4	253	820	809	1,145	28.5	40.4
Colorado	367	8,704	43.3	42.9	13.8	371	2,615	2,894	3,058	33.2	35.1
New Mexico	67	2,857	27.7	60.0	12.3	81	678	729	1,279	25.5	44.8
Arizona	121	3,560	41.3	58.4	.3	127	1,287	1,321	1,615	37.1	45.4
Utah	322	8,115	45.7	28.9	25.4	358	2,554	2,422	3,469	29.8	42.7
Nevada	42	1,901	31.9	67.3	.8	41	583	728	609	38.3	32.0
Pacific	4,396	169,443	62.5	30.9	6.6	4,563	43,314	54,289	71,612	32.0	42.3
Washington	631	31,781	68.3	22.9	8.8	611	7,234	9,867	14,207	31.0	44.7
Oregon	446	19,518	53.1	28.5	18.4	471	5,369	6,636	7,307	34.0	37.4
California	3,319	118,144	62.6	33.4	4.0	3,481	30,711	37,786	50,098	32.0	42.4

[1] Outside home city. [2] See note 1, table 884. [3] Includes operative builders.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

No. 886.—Construction Industry—Value of Work Done, by Class of Construction, and by Class of Contractor: 1935

NOTE.—**All figures in thousands of dollars.** Data relate to establishments included in table 885

Kind of business group	Total	New		Repairs		Total	New		Repairs	
		Private	Public	Private	Public		Private	Public	Private	Public
	All construction					Building, total				
United States	**1,330,835**	**405,473**	**555,548**	**327,775**	**42,039**	**812,064**	**336,463**	**148,359**	**312,470**	**19,772**
General contractors	829,058	223,606	490,289	85,661	29,502	339,658	166,313	91,668	73,475	8,202
Building [1]	352,329	167,365	104,206	73,100	7,658	332,856	163,317	89,694	72,396	7,449
Highway and heavy	476,729	56,241	386,083	12,561	21,844	6,802	2,996	1,974	1,079	753
Special trade contractors	501,777	181,867	65,259	242,114	12,537	472,406	170,150	51,691	238,995	11,570
	Residential building					Other building				
United States	**386,327**	**151,850**	**9,817**	**220,964**	**3,696**	**425,737**	**184,613**	**133,542**	**91,506**	**16,076**
General contractors	111,621	66,633	4,849	38,926	1,213	228,037	99,680	86,819	34,549	6,989
Building [1]	110,350	66,020	4,653	38,543	1,134	222,506	97,297	85,041	33,853	6,315
Highway and heavy	1,271	613	196	383	79	5,531	2,383	1,778	696	674
Special trade contractors	274,706	85,217	4,968	182,038	2,483	197,700	84,933	46,723	56,957	9,087
	Highway					Heavy				
United States	**245,252**	**13,649**	**216,640**	**2,239**	**12,724**	**273,519**	**55,361**	**195,549**	**13,066**	**9,543**
General contractors	241,707	12,747	214,740	1,880	12,340	247,693	44,546	183,881	10,306	8,960
Building [1]	4,317	618	3,532	72	95	15,156	3,430	10,980	632	114
Highway and heavy	237,390	12,129	211,208	1,808	12,245	232,537	41,116	172,901	9,674	8,846
Special trade contractors	3,545	902	1,900	359	384	25,826	10,815	11,668	2,760	583

[1] Includes operative builders.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. I.

No. 887.—Construction Industry—Summary, by States: 1929 and 1935

NOTE.—See headnote, table 883. Census statistics for 1929 and 1935 for all reporting construction establishments are not comparable

ESTABLISHMENTS REPORTING BUSINESS OF $25,000 OR MORE IN 1929

Kind of business group, division, and State	Number of establishments	Value of work performed in 1929 (1,000 dolls.)	Division and State	Number of establishments	Value of work performed in 1929 (1,000 dolls.)	Division and State	Number of establishments	Value of work performed in 1929 (1,000 dolls.)
United States	**30,597**	**4,794,773**	**E. N. Cen.—Con.**			**E.S.Central—Con.**		
General contractors	15,516	2,976,873	Wisconsin	1,147	119,868	Tennessee	314	53,065
Special trade contractors	15,081	1,817,900	**W. N. Central**	**2,490**	**367,544**	Alabama	197	38,841
New England	**2,780**	**370,192**	Minnesota	561	88,111	Mississippi	95	10,873
Maine	142	11,593	Iowa	486	68,660	**W. S. Central**	**1,609**	**256,850**
N. Hampshire	113	9,135	Missouri	759	120,296	Arkansas	118	14,557
Vermont	61	5,612	N. Dakota	81	7,428	Louisiana	178	28,599
Massachusetts	1,434	229,778	S. Dakota	70	7,591	Oklahoma	312	49,212
Rhode Island	226	25,290	Nebraska	243	40,314	Texas	1,001	164,482
Connecticut	804	88,784	Kansas	290	35,144			
Middle Atlantic	**8,546**	**1,608,973**	**South Atlantic**	**2,184**	**338,238**	**Mountain**	**709**	**74,203**
New York	4,372	938,100	Delaware	91	14,789	Montana	119	10,208
New Jersey	1,483	235,061	Maryland	407	82,030	Idaho	44	6,268
Pennsylvania	2,691	435,812	Dist. of Col.	253	39,846	Wyoming	40	2,765
E. N. Central	**7,934**	**1,224,664**	Virginia	337	41,682	Colorado	211	23,040
Ohio	2,043	310,519	W. Virginia	169	20,053	New Mexico	41	5,744
Indiana	746	86,760	N. Carolina	293	47,800	Arizona	105	10,323
Illinois	2,497	454,524	S. Carolina	116	14,833	Utah	129	12,899
Michigan	1,501	252,993	Georgia	230	46,490	Nevada	20	2,956
			Florida	288	30,715	**Pacific**	**3,409**	**417,009**
			E. S. Central	**936**	**137,100**	Washington	404	55,263
			Kentucky	330	34,321	Oregon	249	26,315
						California	2,756	335,431

No. 887.—Construction Industry—Summary, by States: 1929 and 1935—Continued

ESTABLISHMENTS REPORTING BUSINESS OF $25,000 OR MORE IN 1929 AND REPORTING FOR BOTH 1929 AND 1935

Kind of business group, division, and State	Number of establishments	Work performed			Active proprietors and firm members		Employees, average for year		Pay roll [2] (1,000 dollars)		Cost of material installed (1,000 dollars)	
		1929		1935, value (1,000 dollars)								
		Value (1,000 dollars)	Percent of total for 1929[1]		1929	1935	1929	1935	1929	1935	1929	1935
United States	8,899	1,877,437	39.2	742,455	7,698	6,434	375,153	219,018	722,567	258,519	780,998	314,387
General contractors	3,653	1,185,641	39.8	515,128	3,124	2,549	259,958	162,120	468,954	176,278	455,903	212,159
Special trade contractors	5,246	691,796	38.1	227,327	4,574	3,885	115,195	56,898	253,613	82,241	325,095	102,228
New England	870	141,758	38.3	52,370	725	591	31,870	15,359	62,111	20,090	55,121	21,616
Maine	63	4,929	42.5	1,975	59	51	1,355	705	2,215	841	1,849	749
N. Hampshire	33	3,863	42.3	1,999	32	33	1,015	672	1,613	745	1,715	963
Vermont	16	1,291	23.0	429	19	19	330	144	461	145	581	194
Massachusetts	450	78,073	34.0	26,660	366	294	16,635	7,015	34,128	10,000	31,168	11,207
Rhode Island	63	9,601	38.0	4,362	42	35	2,261	1,337	4,277	1,652	3,582	1,976
Connecticut	245	44,001	49.6	16,945	207	159	10,274	5,486	19,417	6,707	16,226	6,437
Middle Atlantic	2,358	535,202	33.5	169,022	1,773	1,478	101,918	43,519	227,723	62,782	204,411	70,742
New York	1,252	350,173	37.3	110,123	746	598	63,778	26,949	153,296	41,546	125,151	45,534
New Jersey	358	62,485	26.6	20,092	247	214	10,821	5,455	24,385	7,556	27,257	8,430
Pennsylvania	748	125,544	28.8	38,807	780	666	27,319	11,115	50,042	13,680	52,003	16,778
E. N. Central	2,165	465,846	38.0	165,281	1,783	1,495	85,248	46,102	179,333	58,794	200,000	67,842
Ohio	546	114,774	37.0	37,821	396	364	22,011	9,745	41,968	12,903	52,654	14,525
Indiana	233	39,236	45.2	15,682	223	176	8,058	4,583	13,992	4,921	19,912	7,517
Illinois	680	172,815	38.0	61,277	573	466	29,917	16,747	70,616	22,224	65,407	25,262
Michigan	312	88,007	34.8	31,863	266	227	15,283	9,219	34,429	12,393	38,770	12,249
Wisconsin	394	51,014	42.6	18,638	325	262	9,979	5,808	18,328	6,353	23,257	8,297
W. N. Central	942	169,177	46.0	90,091	868	741	36,811	29,840	60,477	27,808	72,517	38,286
Minnesota	235	50,633	57.5	26,368	226	199	11,440	10,819	18,805	8,194	18,643	10,188
Iowa	170	29,289	42.7	14,625	187	148	5,521	4,069	9,023	4,153	14,839	7,050
Missouri	321	54,871	45.6	32,929	221	190	11,975	9,483	21,784	10,587	22,763	13,872
North Dakota	29	3,704	49.9	1,348	32	32	771	516	1,121	406	1,897	573
South Dakota	16	2,632	34.7	1,593	12	8	630	416	783	388	1,069	715
Nebraska	96	17,179	42.6	9,192	100	90	3,980	3,148	5,323	2,833	8,275	4,102
Kansas	75	10,869	30.9	4,036	90	74	2,494	1,389	3,638	1,247	5,031	1,786
South Atlantic	772	134,492	39.8	73,707	703	544	35,583	25,176	48,840	24,460	60,141	34,181
Delaware	48	6,371	43.1	2,729	41	31	1,366	910	2,312	1,075	2,864	1,068
Maryland	106	24,608	30.0	9,101	90	68	5,741	3,003	9,191	3,355	10,071	4,152
Dist. of Col	87	16,445	41.3	10,826	65	46	4,081	3,111	6,789	4,102	6,965	4,808
Virginia	142	20,267	48.6	9,259	168	118	4,905	2,794	7,786	3,052	9,049	4,530
West Virginia	62	7,809	38.9	4,689	71	63	2,109	1,982	3,074	1,602	2,694	1,748
N. Carolina	91	12,478	26.1	10,378	88	69	3,487	3,832	4,311	3,272	5,363	5,330
S. Carolina	55	10,709	72.2	5,342	47	39	3,263	1,872	3,319	1,597	6,311	2,663
Georgia	89	23,424	50.4	10,741	82	67	7,559	3,698	7,582	2,940	11,778	4,641
Florida	92	12,381	40.3	10,642	51	43	3,072	3,974	4,476	3,465	5,046	5,241
E. S. Central	308	46,282	33.8	22,595	318	284	11,010	8,571	15,286	6,314	20,287	10,743
Kentucky	110	13,334	38.9	6,776	115	106	3,154	2,638	4,823	2,135	5,209	3,219
Tennessee	127	23,434	44.2	11,637	126	108	5,350	4,052	7,201	3,387	10,813	5,557
Alabama	50	7,034	18.1	3,457	49	43	1,848	1,514	2,463	1,092	3,136	1,618
Mississippi	21	2,480	22.8	725	28	27	658	367	799	200	1,129	349
W. S. Central	369	74,325	28.9	33,465	360	309	18,600	12,203	25,074	9,805	33,849	16,073
Arkansas	28	3,208	22.0	1,645	29	30	680	649	793	495	1,789	789
Louisiana	53	12,878	45.0	5,957	42	33	2,888	1,711	3,868	1,754	5,364	2,825
Oklahoma	67	12,639	25.7	6,363	69	54	3,207	1,617	4,248	1,472	5,713	2,609
Texas	221	45,600	27.7	19,500	220	192	11,825	8,226	16,165	6,084	20,983	8,850
Mountain	294	29,110	39.2	23,192	245	207	5,996	8,058	9,864	8,402	10,213	8,537
Montana	40	4,677	45.8	2,410	46	40	825	891	1,363	817	2,080	1,071
Idaho	14	3,309	52.8	6,326	17	17	836	2,333	1,194	2,613	487	1,694
Wyoming	18	1,385	50.1	1,206	23	18	271	423	548	379	511	618
Colorado	63	6,890	29.9	5,928	58	52	1,521	1,895	2,522	2,124	2,713	2,092
New Mexico	10	2,635	45.9	533	11	8	463	153	762	171	917	243
Arizona	19	1,751	17.0	936	21	18	411	264	558	302	903	479
Utah	55	6,469	50.2	4,929	62	52	1,298	1,819	2,343	1,631	2,235	2,015
Nevada	5	1,994	67.5	924	7	2	371	280	574	365	367	325
Pacific	858	154,016	36.9	72,227	913	775	30,013	20,430	53,653	24,642	66,180	30,673
Washington	129	22,678	41.0	10,970	119	93	4,503	3,028	8,646	3,657	9,776	4,450
Oregon	61	10,305	39.2	7,321	57	57	2,411	2,307	3,768	2,301	4,188	2,908
California	668	121,033	36.1	53,936	737	625	23,099	15,095	41,239	18,684	52,216	23,315
Consolidated reports [3]	33	124,229	------	40,505	10	10	18,104	9,760	40,206	14,922	58,279	16,691

[1] For 1929 total, see first section of this table, p. 875. [2] See note 1, table 884.
[3] Figures are from single reports for organizations with establishments in 2 or more States.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1935, Construction Industry, Vol. III.

No. 888.—Residential Structures—Summary for 64 Cities: 1934

Note.—The cities included in the real-property inventory were selected from every State in the Union as a representative sample of urban housing in the United States. The cities chosen vary in size from a population of 11,000 to more than 1,000,000. The total population of the areas canvassed constituted about one-seventh of the total urban population of the United States. The survey covered all buildings with residential units except hotels, clubs, rooming houses, and summer cottages. Data for the individual cities included in this summary are shown in table 815 of the 1935 issue of the Statistical Abstract

Item	Number	Percent	Item	Number	Percent	Item	Number	Percent
Persons inventoried	9,074,783	100.0	Dwelling units by type	2,633,135	100.0	Owner-occupied	1,035,927	39.3
Families	2,612,107	100.0	Single-family	1,536,806	58.4	Owned free	390,537	37.7
Structures by type	1,931,055	100.0	2-family	501,340	19.0	Mortgaged	498,382	48.1
Single-family	1,536,806	79.6	3-family	79,302	3.0	Not reported	147,008	14.2
2-family	250,670	13.0	4-family	86,676	3.3	Rental units	1,597,208	60.7
3-family	26,434	1.4	Row house	34,218	1.3	Under $15	540,852	33.9
4-family	21,669	1.1	Apartment	246,946	9.4	$15 to $30	697,695	43.7
Row house	7,051	.4	Other	147,847	5.6	$30 and over	358,661	22.5
Apartment	22,053	1.1	Occupied	2,428,907	92.2	Dwelling units equipped with		
Other	66,372	3.4	Very spacious	703,635	29.0	Furnace or boiler	1,141,142	43.3
Condition of structure:			Spacious	655,106	27.0	Mechanical refrigeration	447,135	17.0
Good	726,245	37.6	Adequate	651,840	26.8	Gas for cooking	1,828,463	69.4
Minor repairs	857,326	44.4	Crowded	379,434	15.6	Electricity for lighting	2,385,880	90.6
Major repairs	301,740	15.6	Over-crowded	29,283	1.2	Tub and/or shower	2,627,849	99.8
Unfit for use	43,901	2.3	Greatly overcrowded	6,120	.3			
Not reported	1,843	.1	Not reported	3,489	.1			
			Vacant	204,228	7.8			

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Real Property Inventory, 1934.

No. 889.—Building-Material Prices and Construction Costs—Indexes: 1914 to 1938

[Monthly average, 1923–1925=100]

Year	Wholesale price indexes [1]							Construction costs [6]	Factory building costs
	All building materials	Lumber	Brick and tile [2]	Portland cement, plant [3]	Structural steel [4]	Paint and paint materials [5]	Other building materials		
1914	50.6	48.0	37.9	52.2	52.9	49.0	57.8	41.8	50.5
1915	51.3	46.9	38.2	48.4	57.6	53.0	63.0	43.7	-------
1916	64.9	53.0	41.4	62.0	113.7	74.6	85.0	69.5	-------
1917	84.6	69.5	49.0	76.2	168.3	92.2	110.4	85.4	-------
1918	94.6	80.4	65.1	89.8	135.1	117.9	117.1	89.2	-------
1919	110.9	108.8	89.7	97.1	113.5	135.7	113.1	93.5	-------
1920	144.0	159.0	115.6	111.2	127.3	143.2	130.7	118.5	-------
1921	93.5	85.6	103.2	105.1	92.1	81.1	107.6	95.1	90.1
1922	93.4	95.4	97.1	98.2	78.0	90.7	92.3	82.3	85.9
1923	104.3	107.6	101.2	102.4	109.1	98.0	102.1	100.9	101.9
1924	98.2	95.6	101.0	100.3	100.7	96.4	100.7	101.6	100.1
1925	97.6	96.8	97.8	97.3	90.1	105.7	97.2	97.5	98.1
1926	96.0	96.2	97.7	94.9	88.2	96.7	96.8	98.1	99.5
1927	90.9	89.6	93.5	91.7	83.5	93.1	92.4	97.3	97.2
1928	90.3	87.1	93.4	91.0	84.0	90.0	93.6	97.5	96.4
1929	91.6	90.3	92.1	87.1	86.5	91.8	94.6	97.6	[7] 95.9
1930	86.3	82.6	87.7	87.1	77.0	87.5	90.3	95.7	[7] 94.3
1931	76.0	66.9	81.6	75.3	73.3	76.8	82.1	85.5	[7] 88.8
1932	68.5	56.3	75.5	73.2	71.3	68.8	77.0	74.0	[7] 84.8
1933	73.9	68.0	77.3	81.7	73.3	70.9	80.1	80.3	[7] 85.8
1934	82.7	81.3	88.1	88.4	80.1	76.9	87.4	93.4	[7] 89.3
1935	81.9	78.1	87.3	90.4	81.1	77.2	87.2	92.6	[7] 89.3
1936	83.2	81.3	86.6	90.6	83.8	77.5	87.3	97.3	[7] 93.3
1937	91.4	95.3	91.3	90.6	99.8	80.7	95.9	110.7	[7] 100.9
1938	86.7	87.0	88.9	90.6	97.9	78.6	89.7	111.2	96.4

[1] Beginning 1926 the indexes, except for Portland cement and structural steel, have been revised to include additional items not previously included; the "All building materials" index also includes plumbing and heating equipment (not shown separately in this table) for which data are not available prior to 1926.
[2] Excludes tile prior to 1926.
[3] Composite price.
[4] Pittsburgh district.
[5] Excludes paint prior to 1926.
[6] Based upon the cost of lumber, steel, cement, and the rates paid common labor.
[7] Average of March, June, September, and December.

Sources: Wholesale prices, Department of Labor, Bureau of Labor Statistics; December 1938 issue of Wholesale Prices. Construction costs, Engineering News-Record. Standard factory building costs, Aberthaw Construction Co.

No. 890.—Urban Housing, Financial Survey—Units Surveyed, Value of

Note.—The Financial Survey of Urban Housing is a study of financial and related economic data for a Statistical Abstract and table 815 of the 1935 issue) and of family income and other factors relating to the acquisition, age, cost, value, and type of dwellings, rents, mortgages, family income, and families and persons

	City and geographic area	Occupied dwelling units surveyed				Average value 1-family dwellings, Jan. 1, 1934 [3]		Average annual rental per dwelling unit, rented properties, 1933 [3]		Percent of properties mortgaged [3]	
		Tenant-occupied units		Owner-occupied units							
		Number [1]	Percent of total [2]	Number [1]	Percent of total [2]	Owner-occupied	Rented [4]	Total, all dwellings	1-family dwellings	Owner-occupied	Rented [4]
1	**Total 52 cities**	157,738	12.1	128,521	15.1	$4,447	$3,142	$263	$248	58.3	42.8
2	**New England**	12,600	7.7	6,756	7.4	6,214	4,832	294	348	68.6	53.8
3	Portland, Maine	2,757	24.1	1,448	24.5	6,051	4,445	328	363	46.7	41.3
4	Worcester, Mass	2,818	9.6	1,423	9.3	6,642	6,133	305	428	83.6	69.3
5	Providence, R. I.[5]	5,892	5.4	3,290	6.3	5,903	4,706	287	329	63.2	50.2
6	Waterbury, Conn	1,133	7.7	595	7.5	8,001	-------	293	457	81.1	------
7	**Middle Atlantic**	7,311	10.7	7,394	13.2	5,223	4,457	290	327	66.9	55.9
8	Binghamton, N. Y	774	7.0	590	7.5	6,163	-------	330	445	45.3	------
9	Syracuse, N. Y	1,526	5.0	1,314	5.9	5,901	5,436	296	354	76.9	67.1
10	Trenton, N. J	2,083	15.7	2,365	17.5	4,200	3,135	273	265	68.8	39.8
11	Erie, Pa	2,928	21.4	3,125	25.2	4,576	3,786	264	289	49.7	36.5
12	**East North Central**	36,871	12.5	32,406	16.5	5,669	4,306	297	307	65.3	51.2
13	Cleveland, Ohio [5]	27,485	14.0	22,036	17.9	6,249	5,464	311	363	67.0	53.2
14	Indianapolis, Ind	3,183	5.2	2,780	7.5	4,890	3,126	300	277	63.8	51.2
15	Peoria, Ill	2,330	18.4	2,740	22.2	4,405	3,087	283	258	54.0	40.3
16	Lansing, Mich	977	9.2	1,149	12.3	3,813	2,970	204	200	57.4	36.5
17	Kenosha, Wis	1,002	17.0	1,145	19.4	5,069	4,969	226	251	65.3	48.2
18	Racine, Wis	1,894	23.3	2,556	29.8	4,961	4,342	219	230	67.1	53.5
19	**West North Central**	24,896	13.3	24,757	15.7	3,662	2,713	282	266	51.5	39.4
20	Minneapolis, Minn	9,284	13.9	7,519	14.4	4,204	3,375	318	338	55.9	46.3
21	St. Paul, Minn	1,830	5.3	1,899	5.7	3,766	3,285	290	316	48.0	41.4
22	Des Moines, Iowa	3,118	14.8	3,422	18.7	3,157	2,486	285	262	49.5	35.4
23	St. Joseph, Mo	1,282	12.0	1,262	16.2	3,296	2,483	235	223	42.9	24.7
24	Springfield, Mo	1,197	14.9	1,594	21.5	2,651	1,940	183	173	50.1	25.4
25	Fargo, N. Dak	909	21.3	845	30.9	4,811	-------	337	340	58.5	------
26	Sioux Falls, S. Dak	1,525	30.5	1,224	31.0	4,101	3,291	299	288	53.4	40.8
27	Lincoln, Nebr	1,295	12.0	1,715	16.1	3,548	2,524	268	257	48.2	36.5
28	Topeka, Kans	2,078	23.0	2,518	27.5	3,186	2,258	243	224	44.0	26.2
29	Wichita, Kans	2,378	14.1	2,759	20.9	2,722	2,066	200	188	53.5	38.8
30	**South Atlantic**	26,729	14.2	12,987	15.2	4,323	3,128	218	214	50.5	34.5
31	Hagerstown, Md	1,275	25.3	740	27.5	4,601	2,535	232	242	49.6	26.2
32	Richmond, Va	4,176	15.0	2,285	16.4	5,218	3,640	283	274	49.7	34.2
33	Wheeling, W. Va.[5]	2,219	8.7	2,350	12.2	3,768	3,519	227	234	35.3	21.9
34	Asheville, N. C	1,644	21.6	898	25.4	3,807	3,234	169	173	46.9	14.5
35	Greensboro, N. C	1,225	15.2	569	16.0	5,226	3,382	200	184	56.8	29.3
36	Charleston, S. C	2,537	19.1	647	19.5	5,023	2,723	177	198	32.9	23.6
37	Columbia, S. C	1,583	18.9	598	18.8	4,779	2,907	187	189	58.4	33.7
38	Atlanta, Ga.[5]	9,543	13.9	4,274	15.9	4,339	2,793	223	233	58.3	40.7
39	Jacksonville, Fla	2,527	10.4	626	6.9	3,499	-------	172	157	47.6	------
40	**East South Central**	9,199	10.5	5,218	15.4	3,213	2,566	159	153	52.4	22.5
41	Paducah, Ky	1,313	23.9	782	25.8	2,106	1,188	145	130	30.7	7.1
42	Birmingham, Ala.[5]	7,178	9.6	3,989	14.7	3,198	2,703	151	148	52.4	22.9
43	Jackson, Miss	708	9.3	447	12.5	4,402	-------	232	213	61.5	------
44	**West South Central**	13,083	13.1	10,516	18.0	3,643	2,488	248	234	53.4	37.4
45	Little Rock, Ark	2,615	23.0	1,995	27.9	3,230	1,794	192	183	43.8	23.9
46	Baton Rouge, La	865	18.0	381	15.9	3,806	-------	227	217	53.3	------
47	Oklahoma City, Okla	3,697	13.9	2,944	18.4	3,833	2,580	251	235	61.7	43.1
48	Austin, Tex	1,018	13.0	1,082	17.5	3,732	2,529	260	244	39.2	30.6
49	Dallas, Tex	3,831	9.0	3,220	13.9	3,695	2,796	277	270	53.3	39.6
50	Wichita Falls, Tex	1,057	16.5	894	26.0	2,933	1,970	153	149	41.4	21.2
51	**Mountain**	10,060	22.8	9,639	27.2	2,956	2,465	249	223	49.3	39.1
52	Butte, Mont	2,010	40.7	1,989	48.7	2,355	1,719	248	220	24.2	15.1
53	Boise, Idaho	1,114	34.3	1,318	45.3	3,147	-------	286	248	45.1	------
54	Casper, Wyo	698	24.1	708	35.0	2,504	-------	222	218	44.1	------
55	Pueblo, Colo	917	15.7	1,039	17.8	1,830	1,503	187	171	40.9	22.5
56	Phoenix, Ariz	1,667	18.0	998	24.4	4,143	3,368	243	245	55.6	43.6
57	Salt Lake City, Utah	3,654	20.3	3,587	21.7	3,224	2,677	260	232	54.0	42.9
58	**Pacific**	16,989	9.8	18,848	13.5	3,231	2,727	251	240	50.5	37.1
59	Seattle, Wash.[5]	5,992	8.0	6,705	11.1	3,043	2,587	255	233	49.2	36.4
60	Portland, Oreg	4,023	9.0	5,065	11.7	3,104	2,655	204	198	51.0	33.8
61	Sacramento, Calif	2,168	15.4	2,343	21.7	3,995	3,255	319	326	54.5	45.0
62	San Diego, Calif.[5]	4,806	12.4	4,735	19.1	3,568	2,872	276	275	50.6	38.3

[1] Sample surveyed in the 52 cities shown in this table. In 9 other cities included in the study the field enumeration was only partly completed, and only simplified tabulations of the data were made.
[2] Financial Survey reports as percentage of reports by Real Property Inventory. See also headnote.

1-Family Dwellings, Rents, Mortgages, and Family Income, for 52 Cities

sample of the same properties covered by the Real Property Inventory (see table 888 of this issue of the occupants. This table presents selected statistics from the Financial Survey. Additional data relating to occupying the dwellings, are published for 22 cities in the report, "Financial Survey of Urban Housing."

Average ratio of mortgage debt to value of property [3] (percent)		Interest rates [3] (percent)				Average annual family income [3]						Average ratio rent to income [3]	
		Contract rate (weighted)		Effective rate (weighted)		Owner occupants			Tenants				
Owner-occupied	Rented [4]	Owner-occupied	Rented	Owner-occupied	Rented	1929	1932	1933	1929	1932	1933	1933	
55.6	60.4	6.18	6.25	6.54	6.76	$2,304	$1,654	$1,465	$1,589	$1,183	$1,082	24.2	1
54.6	60.6	5.93	5.88	6.17	6.20	2,505	1,869	1,710	1,659	1,260	1,171	25.2	2
50.5	53.4	6.00	6.04	6.10	6.11	2,773	2,188	1,842	1,744	1,415	1,290	25.4	3
67.1	69.3	5.64	5.47	5.71	5.76	2,784	2,089	1,907	1,686	1,306	1,221	24.9	4
49.4	58.7	6.06	6.00	6.45	6.40	2,339	1,733	1,606	1,630	1,239	1,124	25.5	5
60.0	--------	5.90	5.93	5.84	6.06	3,086	2,233	2,073	1,742	1,286	1,223	24.0	6
55.9	62.8	5.65	5.72	5.91	6.03	2,212	1,576	1,394	1,571	1,196	1,071	27.5	7
45.9	--------	5.80	6.35	6.18	6.18	2,421	2,051	2,019	1,694	1,439	1,408	23.4	8
57.0	62.7	5.46	5.54	5.69	5.83	2,450	1,714	1,507	1,665	1,231	1,082	27.3	9
58.4	59.7	5.92	5.77	6.03	6.29	1,917	1,377	1,174	1,317	1,010	902	30.3	10
57.7	64.5	5.94	5.95	6.36	6.48	1,943	1,281	1,080	1,549	1,050	924	28.6	11
56.8	64.2	6.18	6.15	6.45	6.46	2,478	1,683	1,430	1,774	1,253	1,149	25.9	12
57.2	67.7	6.14	6.09	6.42	6.35	2,463	1,669	1,391	1,757	1,240	1,138	27.2	13
56.2	57.0	6.34	6.34	6.52	6.76	2,899	2,078	1,821	1,896	1,422	1,289	23.1	14
50.4	52.5	6.56	6.39	6.88	6.76	2,203	1,614	1,454	1,691	1,220	1,131	24.9	15
59.5	57.0	6.20	6.35	6.41	6.75	2,146	1,337	1,204	1,632	1,016	966	21.0	16
53.8	58.4	6.09	6.24	6.38	6.69	1,855	1,067	959	1,378	831	803	28.1	17
58.9	59.8	5.95	5.96	6.34	6.47	1,939	1,052	918	1,589	913	837	26.3	18
52.0	55.3	6.09	6.08	6.54	6.72	2,173	1,659	1,449	1,611	1,248	1,141	24.5	19
52.4	56.7	5.92	5.91	6.31	6.68	2,304	1,742	1,530	1,730	1,349	1,220	26.0	20
50.0	53.7	5.93	5.94	6.46	6.50	2,060	1,633	1,469	1,454	1,139	1,056	27.6	21
53.2	52.2	5.91	6.18	6.48	6.64	2,138	1,653	1,455	1,660	1,307	1,174	24.2	22
52.5	54.5	6.21	6.12	6.80	6.69	2,196	1,727	1,473	1,555	1,261	1,176	19.9	23
52.9	48.2	7.04	7.00	7.51	7.58	1,753	1,288	1,162	1,365	1,003	899	20.2	24
50.4	--------	6.38	6.64	6.40	6.92	2,399	1,932	1,682	1,679	1,420	1,304	25.8	25
46.5	48.8	6.12	6.01	6.57	6.71	2,283	1,748	1,545	1,635	1,309	1,229	24.3	26
53.6	63.3	6.22	6.14	6.52	6.66	2,294	1,630	1,404	1,591	1,251	1,153	23.2	27
50.4	52.0	7.03	6.86	7.51	6.99	1,981	1,512	1,373	1,492	1,172	1,070	22.6	28
56.8	57.4	6.48	6.34	7.11	7.23	2,112	1,471	1,271	1,652	1,149	1,035	19.3	29
56.6	65.5	6.25	6.32	6.91	7.25	2,270	1,730	1,620	1,268	1,028	958	23.3	30
60.9	67.4	5.87	5.75	6.12	5.64	2,064	1,435	1,315	1,312	1,029	920	25.2	31
59.4	62.6	5.97	6.00	6.72	6.83	2,715	2,154	1,999	1,508	1,352	1,285	22.2	32
49.4	51.1	5.93	6.05	6.39	6.15	1,594	1,121	1,073	1,379	982	925	24.4	33
66.3	79.7	5.95	5.83	6.39	6.35	2,126	1,544	1,393	1,155	900	821	20.6	34
61.9	61.2	5.97	5.98	6.35	7.75	2,915	2,208	2,000	1,462	1,226	1,217	16.3	35
50.3	51.9	6.71	6.42	7.12	6.87	2,454	2,060	1,927	880	745	734	24.0	36
57.4	62.6	6.87	6.94	7.39	6.72	2,315	1,829	1,737	1,015	879	812	22.8	37
57.3	70.0	6.40	6.35	7.25	7.60	2,701	2,088	1,906	1,377	1,124	979	22.7	38
52.2	--------	6.78	6.80	7.35	7.14	1,593	1,291	1,224	873	680	626	27.5	39
59.4	51.1	6.59	6.39	7.09	7.17	2,275	1,425	1,275	1,349	889	778	20.3	40
58.7	48.2	5.93	6.16	7.29	6.70	1,667	1,231	1,134	1,019	731	680	21.5	41
61.1	52.0	6.63	6.37	7.10	7.19	2,267	1,390	1,211	1,385	880	769	19.6	42
50.4	--------	6.52	6.60	6.93	7.11	2,703	1,891	1,707	1,250	965	899	25.4	43
55.4	56.7	6.99	7.07	7.45	7.50	2,500	1,809	1,647	1,641	1,244	1,128	21.8	44
62.9	62.2	6.26	6.32	6.88	7.34	2,591	1,703	1,502	1,445	1,063	940	20.3	45
45.0	--------	7.17	6.78	7.55	7.61	2,153	1,707	1,532	1,371	1,118	1,009	22.5	46
58.2	55.5	6.82	7.02	7.38	6.98	2,580	1,791	1,617	1,627	1,172	1,096	22.9	47
46.4	50.9	7.41	7.59	7.52	9.16	2,070	1,710	1,534	1,450	1,282	1,168	22.0	48
53.5	56.7	7.22	7.21	7.63	7.76	2,564	1,883	1,712	1,751	1,350	1,233	22.4	49
66.3	72.4	7.22	7.12	7.48	8.02	2,706	1,832	1,650	1,612	1,114	1,048	14.7	50
55.7	57.5	7.02	7.06	6.60	7.36	2,146	1,463	1,341	1,595	1,135	1,027	23.3	51
41.3	52.2	7.82	7.45	8.32	8.71	2,257	1,261	1,155	1,732	1,038	986	25.1	52
43.2	--------	6.95	7.64	7.91	8.17	1,812	1,395	1,266	1,493	1,259	1,194	24.0	53
56.9	--------	6.93	6.85	7.31	7.05	2,064	1,602	1,441	1,569	1,213	1,099	20.0	54
59.2	58.9	6.62	7.04	7.08	7.16	1,570	1,043	933	1,290	843	783	23.8	55
56.3	53.3	7.31	7.39	7.60	7.94	2,880	1,919	1,590	1,681	1,204	1,114	21.8	56
58.0	59.8	6.97	6.86	5.83	6.97	2,270	1,600	1,417	1,603	1,193	1,094	23.7	57
55.9	57.4	6.34	6.42	6.92	7.06	2,098	1,491	1,307	1,626	1,198	1,092	22.8	58
54.7	57.2	6.25	6.26	6.95	6.79	2,122	1,453	1,278	1,693	1,206	1,125	22.7	59
56.6	54.9	6.09	6.20	6.45	7.10	1,994	1,381	1,218	1,423	1,017	905	22.5	60
61.8	64.2	6.58	6.82	7.14	7.23	2,465	1,914	1,712	1,805	1,456	1,344	23.7	61
54.4	57.6	6.79	6.88	7.48	7.66	2,047	1,583	1,371	1,670	1,336	1,192	23.1	62

[3] Totals for 52 cities and geographic areas, and interest rates for individual cities are weighted averages.
[4] Data omitted for certain cities because of insufficient number of reports.
[5] Metropolitan area; other cities, city proper.

Source: Department of Commerce, Bureau of Foreign and Domestic Commerce; Financial Survey of Urban Housing.