

CHAPTER II.—ORGANIZATION OF THE CONSTRUCTION INDUSTRY

TYPE OF ORGANIZATION

There are three principal types of organization in the contracting field to-day, the individual, the partnership, and the corporation. Any other type is very unusual. Of the total of 30,597 reporting establishments which had a business of over \$25,000 during 1929, 30,557 stated the type of organization. (Table I, p. 12.) More than 99.9 per cent reported as individuals, partnerships, or incorporated companies.

The individual proprietor was reported more generally throughout the United States than any other type, with 13,579, or 44.4 per cent, of reporting organizations individually owned or operated. In the West South Central, Mountain, and Pacific divisions, approximately 50 per cent of the establishments were reported as individually operated. A large number of individual contractors was also reported in New England. Outside these four divisions only in Pennsylvania, North Dakota, and Kansas were as many as half of those reporting of this type.

The establishments operating as partnerships, comprising 5,861, or 19.2 per cent of the total, were more evenly distributed throughout the United States. The lowest percentage of this type was in the Middle Atlantic, and the highest in the East South Central division. Partnerships were proportionally most numerous in Mississippi, Arkansas, Kansas, Idaho, South Dakota, Nebraska, and West Virginia, in the order named.

Of all types of reporting establishments 11,110, or 36.4 per cent, were incorporated companies. The Northern and Eastern States, especially the Middle Atlantic, East North Central, and South Atlantic divisions, showed a high percentage of establishments doing business as corporations. The incorporated company predominated in New York, Ohio, Missouri, Delaware, Maryland, Florida, and Louisiana, and was of the least prominence in Vermont, Kansas, Arkansas, Montana, Wyoming, and New Mexico.

DATE OF INCORPORATION

The date of incorporation was reported by 10,544 incorporated companies, or 94.9 per cent of the total number. (Table II, p. 13.)

There are comparatively few construction companies of this type now in existence which were incorporated prior to 1900. From that year, however, the figures show an increasing tendency toward incorporation in the construction industry. Even in 1929, when there was a marked decrease in the number

of companies starting business, shown in Table III, the proportion of incorporation was greater than ever before. In the South Atlantic division there was an increase over 1928 of 34 per cent in the actual number of incorporations in the later year.

About 61 per cent of all reporting incorporated companies were located in the Middle Atlantic and East North Central States. Although the East North Central division showed more construction corporations organized prior to 1900 than any other part of the country, a greater number of existing companies was incorporated in the Middle Atlantic States during each succeeding period.

More than one-third of the existing companies incorporated prior to 1900 were in the East North Central division, principally in Illinois and Ohio. A considerable number of long-lived companies was also found in the Middle Atlantic and West North Central divisions, particularly in New York, Pennsylvania, and Missouri. In 16 widely scattered States this form of organization was apparently not in use until after 1900. A few States in the Mountain division reported no existing companies incorporated there before 1914.

LENGTH OF TIME IN BUSINESS

There were 29,623 who reported the length of time the establishment had been in business. (Table III, p. 14.) Only 2,814 of these, or approximately 10 per cent, were in business prior to 1900. An average of 524 reporting contractors who were still in business in 1929, entered the construction business each year during the period between 1900 and 1913. From 1914 to 1919 this annual average was 817, and from 1920 to 1924 it was 1,589. A declining trend appeared in the number of surviving establishments which started business each year after 1925, with the exception of 1927 for which the number reported was greater than for the preceding year. In 1929 the number of contractors starting business was less than 10 per cent above the average number of surviving establishments which started business during the period between 1914 and 1919.

A little less than three-fifths of the oldest companies reported from the Middle Atlantic and East North Central divisions. A considerable number were also located in the New England and West North Central divisions. The smallest number of long-lived establishments was reported from the Mountain division, with no reporting companies in business before 1900 in Wyoming and Nevada.

More than one-third of those reporting throughout the United States were in the construction business before the war. Among establishments in the respective geographic divisions, 41.1 per cent of those in New England were in business before 1914, 39.2 per cent in the West North Central division, and 36.1 per cent in the Middle Atlantic division. All other divisions had a lower percentage of pre-war establishments than that for the entire country, with the Pacific and West South Central divisions showing only 29.5 per cent and 27.3 per cent, respectively.

A further analysis of the figures for the respective divisions shows that the highest proportion of surviving companies which started business during the war was found in the Mountain and West North Central divisions, and the lowest in the Pacific division. Figures for the immediate postwar period show that a relatively large number of establishments started business during those years in the Pacific and East North Central divisions.

For the United States as a whole, 22.4 per cent of all reporting establishments had been in business not more than five years. The largest percentage of recently formed companies was found in the West South Central division where 31 per cent started business after 1924. In the East South Central and South Atlantic divisions more than one-fourth of the reporting companies were not more than five years old. The smallest percentage of recently organized establishments was reported in the West North Central, followed by the New England, Mountain, and East North Central divisions.

BRANCH OFFICES

The total number of establishments which reported no branch offices was 28,660, or 93.7 per cent of all reporting establishments. (Table IV, p. 15.) One or more branch offices were reported by 1,369, while 568 reported that they themselves were branch offices. Independent organizations without branches represented more than 90 per cent of the total number reporting in every State except Florida, Tennessee, Mississippi, Idaho, and New Mexico, while in Wyoming and Nevada all reporting establishments were of this class. The relative number of establishments which reported branch offices ranged from 1.4 per cent in South Dakota to 12.2 per cent in New Mexico. The four States having the largest number of establishments reporting branch offices were New York, California, Pennsylvania, and Illinois.

Only 1 or 2 branches each were reported by 1,189 establishments, representing approximately 85 per cent of the total number reporting branch offices, while there were only 5 establishments which reported more than 20 branches each. Although these larger establishments were few, they reported an actual number of branches averaging 140 each. The greater

part of establishments which reported a large number of branch offices were manufacturers or distributors of specialized products or building equipment which they installed on construction jobs. Among the classes of contractors represented in this group, those engaged in heating, miscellaneous metal work, roofing, elevator construction, automatic temperature control, soundproofing, foundation, glass and glazing, structural steel, and ornamental iron, may be mentioned.

One branch each was reported by 954 establishments, two branches by 235, and so on. By multiplying the number of branches by the number of reporting establishments, a total of nearly 3,000 branch offices is obtained. Direct reports were received from only 568 branch offices which had a business of over \$25,000 during 1929. This number is more than 2,400 short of the indicated total number of branches of reporting establishments. Some of these are accounted for by the fact that a considerable number of branch offices, enumerated as such by the central offices, had less than the minimum of \$25,000 business and were, therefore, not required to make complete reports. In many instances, however, in which it was impossible for the central establishments to make a separate report for each individual branch, a combined report for the entire organization was accepted in lieu thereof. The figures in Table 4 reflect this situation, and indicate that the actual number of construction establishments in any locality may have been as much as 5 per cent greater than the number shown in these reports.

COLOR AND NATIVITY OF FIRM MEMBERS

The color and nativity of proprietors and firm members was reported by 29,039 establishments. (Table V, p. 16.) Approximately 83.5 per cent of the reporting establishments stated that the business was owned and operated by native white proprietors or firm members. Establishments which reported one foreign-born white member or more, represented 16.4 per cent of those reporting. There were 26 establishments reporting negro members, and 15 organizations that had a mixed foreign born and negro membership.

The geographic divisions in which the largest proportion of establishments was operated by native white proprietors or firm members were the South Atlantic, 93.4 per cent; East South Central, 95.6 per cent; and West South Central, 93.1 per cent. In Kansas, Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Mississippi, and Arkansas more than 95 per cent of reporting construction establishments were operated by native white persons.

The largest percentage of reporting establishments operated by foreign-born whites was 23.3 per cent in the New England division. In the Middle Atlantic division 21.9 per cent were operated by this class; and

in the Pacific division 18.2 per cent. Nevada had a larger proportion of its contracting concerns operated by foreign-born whites than any other State, but this ratio may have been due in part to the small number of returns received. The foreign-born white element was also large in Connecticut, North Dakota, New Jersey, New York, and Rhode Island.

The largest number of establishments operated by negroes was in the West South Central, Middle Atlantic, East North Central, and West North Central divisions. The New England division reported 2 establishments, the South Atlantic division, 1, and the Pacific division, 2. The East South Central and Mountain divisions had no organizations reporting as operated by negroes.

There were three establishments operated by both foreign-born and negro members in each of the following divisions: New England, Middle Atlantic, East North Central, and West North Central. In the South Atlantic, West South Central, and Mountain divisions one such establishment was reported in each. There were no reporting establishments operated by both foreign-born and negro proprietors in the East South Central and Pacific divisions.

MEMBERSHIP IN CONTRACTORS' ASSOCIATIONS

Contracting establishments to the number of 30,068, or 98.3 per cent of the total, reported regarding their membership in national and local contractors' associations. (Table VI, p. 17.) Of the reporting contractors 16,170 were not members of any contractors' associa-

tion. The remaining 13,898 reported membership in either national or local associations, or in both. There were 1,668 who were members of the national associations only, while membership in local associations was 7,153 and in both local and national associations 5,077.

Although more than half the reporting establishments were not members of any contractors' association, the proportion varied greatly in different divisions and States. The percentage of establishments reporting no membership ranged from 62.9 per cent in the Mountain division to about 48 per cent in both the East North Central and West North Central divisions. In Vermont 93.3 per cent were not members of any contractors' association, while in North Dakota all but 28.9 per cent were members of some such organizations.

A membership in contractors' associations of more than 52 per cent was reported in the East North Central and West North Central divisions. In the Pacific and Middle Atlantic divisions such membership comprised 45 and 44 per cent, respectively, of reporting establishments. The Mountain division showed the lowest percentage of membership with only 37 per cent. In 14 States more than half the reporting contractors were members of associations, and in only 4 was there less than 20 per cent membership.

The West North Central and South Atlantic divisions showed the largest percentage of membership in national associations only, while the membership in local associations was more prominent in the Middle Atlantic and East North Central, and combined membership in the East North Central and West North Central and East South Central divisions.

CONSTRUCTION—ORGANIZATION

TABLE I.—TYPE OF ORGANIZATION OF ALL CLASSES OF ESTABLISHMENTS

GEOGRAPHIC DIVISION AND STATE	Number of all reporting establishments	ESTABLISHMENTS REPORTING TYPE OF ORGANIZATION								Number not reporting type of organization	
		Total number	Individual		Partnership		Incorporated company		All other ¹		
			Number	Per cent of total reporting	Number	Per cent of total reporting	Number	Per cent of total reporting	Number		Per cent of total reporting
United States.....	30,597	30,597	13,579	44.4	5,861	19.2	11,110	36.4	7	(?)	40
GEOGRAPHIC DIVISIONS:											
New England.....	2,780	2,776	1,344	48.4	471	17.0	957	34.5	4	0.1	4
Middle Atlantic.....	8,546	8,540	3,410	39.9	1,295	15.2	3,833	44.9	2	(?)	6
East North Central.....	7,934	7,925	3,445	43.5	1,542	19.5	2,937	37.1	1	(?)	9
West North Central.....	2,490	2,485	1,095	44.1	579	23.3	811	32.6			5
South Atlantic.....	2,184	2,182	878	40.2	441	20.2	863	39.5			2
East South Central.....	936	935	373	39.9	250	26.7	312	33.4			1
West South Central.....	1,609	1,601	812	50.7	354	22.1	435	27.2			8
Mountain.....	709	708	360	50.8	158	22.3	190	26.9			1
Pacific.....	3,409	3,405	1,862	54.7	771	22.6	772	22.7			4
NEW ENGLAND:											
Maine.....	142	141	65	46.1	26	18.4	50	35.5			1
New Hampshire.....	113	113	63	55.8	27	23.9	23	20.4			
Vermont.....	61	61	37	60.7	13	21.3	11	18.0			
Massachusetts.....	1,434	1,432	653	45.6	224	15.6	551	38.5	4	.3	2
Rhode Island.....	226	225	107	47.6	40	17.8	78	34.7			1
Connecticut.....	804	804	419	52.1	141	17.5	244	30.4			
MIDDLE ATLANTIC:											
New York.....	4,372	4,370	1,881	31.6	527	12.1	2,461	56.3	1	(?)	2
New Jersey.....	1,483	1,482	668	45.1	198	13.4	616	41.5			1
Pennsylvania.....	2,691	2,688	1,361	50.7	570	21.2	766	28.1	1	(?)	3
EAST NORTH CENTRAL:											
Ohio.....	2,043	2,043	832	40.7	349	17.1	802	42.2			
Indiana.....	746	743	327	44.0	171	23.0	245	33.0			3
Illinois.....	2,497	2,497	1,053	42.2	510	20.4	934	37.4			
Michigan.....	1,501	1,498	703	46.9	307	20.5	487	32.5	1	.1	3
Wisconsin.....	1,147	1,144	530	46.3	205	17.9	409	35.8			3
WEST NORTH CENTRAL:											
Minnesota.....	561	560	252	45.0	132	23.6	176	31.4			1
Iowa.....	480	485	230	47.4	132	27.2	123	25.4			1
Missouri.....	759	758	274	36.1	118	15.6	306	40.3			1
North Dakota.....	81	79	40	50.6	21	26.6	18	22.8			2
South Dakota.....	70	70	31	44.3	20	28.6	19	27.1			
Nebraska.....	243	243	111	45.7	68	28.0	64	26.3			
Kansas.....	290	290	157	54.1	88	30.3	45	15.5			
SOUTH ATLANTIC:											
Delaware.....	91	91	40	44.0	9	10.0	42	46.2			
Maryland.....	407	406	157	38.7	80	19.7	169	41.6			1
District of Columbia.....	253	253	110	43.5	36	14.2	101	39.9			
Virginia.....	337	337	136	40.4	80	23.7	121	35.9			
West Virginia.....	169	168	66	39.3	47	28.0	55	32.7			1
North Carolina.....	293	293	124	42.3	73	24.9	96	32.8			
South Carolina.....	116	116	55	47.4	25	21.6	36	31.0			
Georgia.....	230	230	89	38.7	52	22.6	89	38.7			
Florida.....	288	288	95	33.0	39	13.5	154	53.5			
EAST SOUTH CENTRAL:											
Kentucky.....	330	330	131	39.7	83	25.1	116	35.2			
Tennessee.....	314	313	129	41.2	81	25.9	103	32.9			1
Alabama.....	197	197	75	38.1	53	26.9	69	35.0			
Mississippi.....	95	95	38	40.0	33	34.7	24	25.3			
WEST SOUTH CENTRAL:											
Arkansas.....	118	117	65	55.5	38	32.5	14	12.0			1
Louisiana.....	178	176	63	35.8	34	19.3	79	44.9			2
Oklahoma.....	312	309	139	45.0	74	23.9	96	31.0			3
Texas.....	1,001	999	545	54.6	208	20.8	246	24.6			2
MOUNTAIN:											
Montana.....	119	118	68	57.6	29	24.6	21	17.8			1
Idaho.....	44	44	20	45.5	13	29.5	11	25.0			
Wyoming.....	40	40	22	55.0	11	27.5	7	17.5			
Colorado.....	211	211	100	47.4	42	19.9	60	32.7			
New Mexico.....	41	41	30	73.2	8	19.5	3	7.3			
Arizona.....	105	105	61	58.1	17	16.2	27	25.7			
Utah.....	129	129	49	38.0	34	26.4	46	35.6			
Nevada.....	20	20	10	50.0	4	20.0	6	30.0			
PACIFIC:											
Washington.....	404	402	158	39.3	98	24.4	146	36.3			2
Oregon.....	249	249	104	41.8	54	21.7	91	36.5			
California.....	2,756	2,754	1,600	58.1	619	22.5	535	19.4			2

¹ Includes cooperative associations and common law trusts.² Less than one-tenth of 1 per cent.

CONSTRUCTION—ORGANIZATION

TABLE II.—DATE OF INCORPORATION OF ALL CLASSES OF REPORTING ESTABLISHMENTS

GEOGRAPHIC DIVISION AND STATE	Total number of establishments incorporated	ESTABLISHMENTS REPORTING DATE										Number not reporting date of incorporation	
		Total		Date of incorporation									
		Number	Per cent of total incorporated	Prior to 1900	1900 to 1913	1914 to 1919	1920 to 1924	1925	1926	1927	1928		1929
United States.....	11, 110	10, 544	94. 9	272	1, 786	1, 420	2, 491	776	641	949	1, 115	688	566
GEOGRAPHIC DIVISIONS:													
New England.....	957	928	97. 0	27	207	152	197	60	56	68	92	69	29
Middle Atlantic.....	3, 833	3, 087	80. 2	58	621	491	880	200	310	364	387	268	146
East North Central.....	2, 037	2, 765	94. 1	92	488	394	655	184	199	222	287	244	172
West North Central.....	811	760	94. 5	44	140	129	176	16	51	66	66	58	45
South Atlantic.....	863	820	95. 0	15	103	104	205	72	68	80	74	90	43
East South Central.....	312	290	94. 9	8	45	47	67	15	29	19	35	31	16
West South Central.....	435	397	91. 3	3	39	35	91	35	41	63	59	41	38
Mountain.....	190	179	94. 2	7	30	24	38	14	11	10	31	14	11
Pacific.....	772	706	91. 5	18	113	50	173	60	67	77	84	64	66
NEW ENGLAND:													
Maine.....	50	49	98. 0	-----	17	4	12	3	4	2	5	2	1
New Hampshire.....	23	23	100. 0	1	3	2	9	-----	1	1	3	3	-----
Vermont.....	11	9	81. 8	-----	1	1	2	-----	-----	2	2	1	2
Massachusetts.....	551	534	96. 9	15	114	90	115	35	33	40	51	41	17
Rhode Island.....	78	77	98. 7	4	21	15	12	5	5	5	4	6	1
Connecticut.....	244	236	96. 7	7	51	40	47	17	13	18	27	16	8
MIDDLE ATLANTIC:													
New York.....	2, 461	2, 387	97. 0	26	411	320	558	192	216	248	252	169	74
New Jersey.....	616	584	94. 8	11	88	60	151	48	55	63	62	51	32
Pennsylvania.....	756	716	94. 7	21	127	111	185	50	48	53	73	48	40
EAST NORTH CENTRAL:													
Ohio.....	862	816	94. 7	28	147	126	203	43	62	61	86	60	46
Indiana.....	245	232	94. 7	6	58	25	59	17	13	13	22	10	13
Illinois.....	934	882	94. 4	38	174	125	192	47	67	81	89	69	52
Michigan.....	487	437	89. 7	6	51	68	101	37	29	43	44	58	60
Wisconsin.....	409	398	97. 3	14	58	50	100	40	25	24	46	41	11
WEST NORTH CENTRAL:													
Minnesota.....	176	170	96. 6	7	30	24	41	17	9	12	16	14	6
Iowa.....	123	113	91. 9	3	24	25	27	6	8	9	5	6	10
Missouri.....	366	347	94. 8	30	64	47	75	20	29	28	27	27	19
North Dakota.....	18	18	100. 0	1	6	3	2	-----	-----	-----	4	2	-----
South Dakota.....	19	17	89. 5	-----	3	3	4	1	1	2	1	2	2
Nebraska.....	64	60	93. 8	3	6	23	18	1	1	1	5	2	4
Kansas.....	45	41	91. 1	-----	7	4	9	1	3	4	8	5	4
SOUTH ATLANTIC:													
Delaware.....	42	41	97. 6	2	3	11	7	5	1	2	4	6	1
Maryland.....	169	160	94. 7	3	33	19	40	10	0	16	10	20	9
District of Columbia.....	101	96	95. 0	1	17	9	30	5	9	10	8	7	5
Virginia.....	121	119	98. 3	3	15	20	35	8	8	7	13	10	2
West Virginia.....	55	55	100. 0	-----	9	7	19	3	4	3	1	9	-----
North Carolina.....	96	86	89. 6	2	6	12	26	6	10	10	10	4	10
South Carolina.....	36	36	100. 0	-----	4	6	8	4	2	5	4	3	-----
Georgia.....	69	61	88. 4	4	13	16	13	6	5	10	6	9	8
Florida.....	154	146	94. 8	-----	3	4	27	25	20	17	19	31	8
EAST SOUTH CENTRAL:													
Kentucky.....	116	114	98. 3	5	22	20	28	5	6	5	12	11	2
Tennessee.....	103	95	92. 2	2	15	17	20	3	14	5	11	8	8
Alabama.....	69	66	95. 7	1	7	9	14	4	6	7	8	10	3
Mississippi.....	24	21	87. 5	-----	1	1	5	3	3	2	4	2	3
WEST SOUTH CENTRAL:													
Arkansas.....	14	13	92. 9	-----	4	-----	1	1	2	2	1	2	1
Louisiana.....	79	74	93. 7	1	9	7	24	6	8	9	8	2	5
Oklahoma.....	96	88	91. 7	-----	8	6	20	8	9	15	8	14	8
Texas.....	246	222	90. 2	2	18	22	40	20	22	27	42	23	24
MOUNTAIN:													
Montana.....	21	21	100. 0	-----	-----	8	1	2	1	1	6	2	-----
Idaho.....	11	8	72. 7	-----	-----	-----	5	1	-----	-----	2	-----	3
Wyoming.....	7	7	100. 0	-----	-----	1	2	1	1	1	1	-----	-----
Colorado.....	69	64	92. 8	4	13	10	11	8	4	4	6	4	5
New Mexico.....	3	3	100. 0	-----	-----	-----	1	1	-----	-----	-----	1	-----
Arizona.....	27	27	100. 0	-----	4	1	7	-----	2	4	7	2	-----
Utah.....	46	43	93. 5	3	12	4	9	1	1	-----	9	4	3
Nevada.....	6	6	100. 0	-----	1	-----	2	-----	2	-----	-----	1	-----
PACIFIC:													
Washington.....	146	134	91. 8	2	23	13	33	11	15	8	13	16	12
Oregon.....	91	86	94. 5	1	14	8	17	6	10	13	9	8	5
California.....	535	486	90. 8	15	76	29	123	43	42	56	62	40	49

CONSTRUCTION—ORGANIZATION

TABLE III.—LENGTH OF TIME IN BUSINESS OF ALL CLASSES OF REPORTING ESTABLISHMENTS

GEOGRAPHIC DIVISION AND STATE	ESTABLISHMENTS REPORTING DATE										Number not reporting date of starting business	
	Total		Date of starting business									
	Number	Per cent of all establishments	Prior to 1900	1900 to 1913	1914 to 1919	1920 to 1924	1925	1926	1927	1928		1929
United States.....	29,823	96.8	2,814	7,333	4,904	7,944	1,647	1,364	1,471	1,252	894	974
GEOGRAPHIC DIVISIONS:												
New England.....	2,708	97.4	370	742	465	873	127	86	93	89	63	72
Middle Atlantic.....	8,295	97.1	879	2,114	1,297	2,073	468	402	430	358	274	251
East North Central.....	7,683	96.8	759	1,798	1,324	2,175	412	352	346	312	205	251
West North Central.....	2,416	97.0	286	660	466	612	97	87	83	76	49	74
South Atlantic.....	2,107	96.5	147	506	361	559	137	107	107	99	84	77
East South Central.....	896	95.7	75	196	141	243	46	56	61	49	29	40
West South Central.....	1,543	95.9	72	350	252	392	99	89	129	95	65	66
Mountain.....	686	96.8	52	171	134	184	38	24	29	31	23	23
Pacific.....	3,289	96.5	174	796	464	1,033	223	161	193	143	102	120
NEW ENGLAND:												
Maine.....	137	96.5	15	46	24	30	7	2	5	4	4	5
New Hampshire.....	110	97.3	12	27	21	35	3	4	3	2	3	3
Vermont.....	58	95.1	8	21	9	14	1	1	1	2	2	3
Massachusetts.....	1,395	97.3	234	383	239	314	61	50	44	36	34	39
Rhode Island.....	223	98.7	27	67	44	48	12	8	7	4	6	3
Connecticut.....	785	97.6	74	198	128	232	43	22	33	41	14	19
MIDDLE ATLANTIC:												
New York.....	4,242	97.0	421	1,072	653	1,012	234	227	254	201	168	180
New Jersey.....	1,429	96.4	123	366	215	402	94	74	67	50	48	54
Pennsylvania.....	2,624	97.5	335	686	429	659	140	101	109	107	58	67
EAST NORTH CENTRAL:												
Ohio.....	1,976	96.7	202	478	353	529	102	87	90	81	54	67
Indiana.....	723	96.9	69	223	112	186	40	33	22	26	12	23
Illinois.....	2,431	97.4	285	579	383	690	115	115	103	106	55	66
Michigan.....	1,433	95.5	81	264	280	441	105	69	76	56	61	68
Wisconsin.....	1,120	97.6	122	264	196	329	50	48	55	43	23	27
WEST NORTH CENTRAL:												
Minnesota.....	544	97.0	76	129	122	150	20	13	17	14	3	17
Iowa.....	469	96.5	54	132	99	112	12	17	19	10	14	17
Missouri.....	740	97.5	108	191	110	179	36	42	27	26	21	19
North Dakota.....	78	96.3	5	22	17	19	3	3	2	7	3	3
South Dakota.....	67	95.7	1	21	11	23	4	3	3	1	3	3
Nebraska.....	236	97.1	21	75	55	63	4	5	6	4	3	7
Kansas.....	282	97.2	21	90	52	66	18	4	9	14	8	8
SOUTH ATLANTIC:												
Delaware.....	85	93.4	11	25	21	12	5	3	4	2	2	6
Maryland.....	391	96.1	38	102	65	101	19	16	19	15	16	16
District of Columbia.....	248	98.0	22	74	30	76	12	9	10	11	4	5
Virginia.....	329	97.6	29	84	66	78	17	16	11	20	8	8
West Virginia.....	168	99.4	4	43	32	57	7	8	3	5	9	1
North Carolina.....	278	94.9	11	56	52	88	20	14	19	11	7	15
South Carolina.....	115	99.1	4	24	16	35	7	7	8	10	4	1
Georgia.....	219	95.2	22	59	45	41	17	5	16	4	10	11
Florida.....	274	95.1	6	39	34	71	33	29	17	21	24	14
EAST SOUTH CENTRAL:												
Kentucky.....	319	96.7	37	63	48	98	13	16	15	18	11	11
Tennessee.....	300	95.5	24	76	52	74	18	18	24	13	1	14
Alabama.....	192	97.5	8	44	26	46	12	16	15	14	11	5
Mississippi.....	85	89.5	6	13	15	25	3	6	7	4	6	10
WEST SOUTH CENTRAL:												
Arkansas.....	114	96.6	7	32	21	18	3	8	11	7	7	4
Louisiana.....	167	93.8	14	28	32	54	11	7	8	11	2	11
Oklahoma.....	302	96.8	7	81	44	75	15	20	25	18	17	10
Texas.....	960	95.9	44	209	155	245	70	54	85	59	39	41
MOUNTAIN:												
Montana.....	117	98.3	6	29	28	29	5	6	4	7	3	2
Idaho.....	41	93.2	1	10	8	15	1	1	2	4	3	3
Wyoming.....	30	97.5	7	12	11	11	5	1	2	1	1	1
Colorado.....	205	97.2	24	65	35	55	8	2	5	4	7	6
New Mexico.....	40	97.6	3	9	3	15	4	3	2	1	1	1
Arizona.....	102	97.1	7	19	18	18	7	11	7	7	8	3
Utah.....	123	95.3	11	29	26	34	6	1	5	8	3	6
Nevada.....	19	95.0	3	4	4	7	2	1	2	1	1	1
PACIFIC:												
Washington.....	353	94.8	23	126	70	94	23	12	12	9	14	21
Oregon.....	242	97.2	17	71	34	63	16	18	7	11	5	7
California.....	2,664	96.7	134	599	360	876	184	131	174	123	83	92

CONSTRUCTION—ORGANIZATION

TABLE IV.—BRANCH OFFICES OF ALL CLASSES OF ESTABLISHMENTS

GEOGRAPHIC DIVISION AND STATE	ESTABLISHMENTS HAVING NO BRANCH OFFICES		ESTABLISHMENTS HAVING BRANCH OFFICES											REPORTING ESTABLISHMENT ITSELF A BRANCH		
	Number	Per cent of all establishments	Total		Number reporting—										Number	Per cent of all establishments
			Number	Percent of all establishments	1 branch	2 branches	3 branches	4 branches	5 branches	6 to 10 branches (average 7)	11 to 15 branches (average 13)	16 to 20 branches (average 17)	21 branches and over (average 140)			
United States.....	28,680	93.7	1,369	4.5	954	235	76	41	19	22	15	2	5	568	1.9	
GEOGRAPHIC DIVISIONS:																
New England.....	2,636	94.8	110	4.0	84	14	5	6	1					34	1.2	
Middle Atlantic.....	8,035	94.0	371	4.3	284	48	16	7	6	3	6		1	140	1.6	
East North Central.....	7,463	94.1	312	3.9	201	56	23	9	4	7	7	2	3	159	2.0	
West North Central.....	2,323	93.5	119	4.8	69	34	5	7	3	1				43	1.7	
South Atlantic.....	2,014	92.2	122	5.0	82	28	5	2	1	3	1			48	2.2	
East South Central.....	862	92.1	51	5.4	28	17	4	1	1					23	2.5	
West South Central.....	1,478	91.8	88	5.5	56	16	7	3	1	5				43	2.7	
Mountain.....	672	94.8	28	3.9	19	5	2		2					9	1.3	
Pacific.....	3,172	93.0	168	4.9	131	17	9	6		3	1		1	69	2.0	
NEW ENGLAND:																
Maine.....	136	95.8	3	2.1	2	1								3	2.1	
New Hampshire.....	107	94.7	5	4.4	5									1	.9	
Vermont.....	57	93.4	4	6.6	4											
Massachusetts.....	1,346	93.0	69	4.8	52	9	3	5						19	1.3	
Rhode Island.....	216	95.6	9	4.0	7	1		1						1	.4	
Connecticut.....	774	96.3	20	2.5	14	3	2		1					10	1.2	
MIDDLE ATLANTIC:																
New York.....	4,100	93.8	199	4.6	140	22	11	6	4	2	4		1	73	1.7	
New Jersey.....	1,406	94.8	52	3.5	44	6	1				1			25	1.7	
Pennsylvania.....	2,529	93.0	120	4.5	91	20	4	1	2	1	1			42	1.6	
EAST NORTH CENTRAL:																
Ohio.....	1,020	94.0	84	4.1	51	15	7	1	2	3	3	2		39	1.9	
Indiana.....	700	93.7	32	4.3	23	6	2	1						14	1.9	
Illinois.....	2,325	93.5	118	4.7	78	19	10	5	2	3	1			44	1.8	
Michigan.....	1,361	92.7	57	3.8	33	13	3	2		1	3		2	53	3.5	
Wisconsin.....	1,117	97.4	21	1.8	16	3	1						1	9	.8	
WEST NORTH CENTRAL:																
Minnesota.....	512	91.3	42	7.5	26	12	3			1				7	1.2	
Iowa.....	464	95.5	12	2.5	6	2		4						10	2.0	
Missouri.....	769	93.4	35	4.6	20	10	1	2	2					15	2.0	
North Dakota.....	77	95.1	3	3.7	2	1								1	1.2	
South Dakota.....	67	95.7	1	1.4	1									2	2.9	
Nebraska.....	226	93.0	12	4.9	6	5		1						5	2.1	
Kansas.....	273	94.1	14	4.8	8	4	1		1					3	1.0	
SOUTH ATLANTIC:																
Delaware.....	87	95.6	2	2.2	1	1								2	2.2	
Maryland.....	377	92.6	21	5.2	14	5	2							9	2.2	
District of Columbia.....	230	93.3	11	4.3	9	2								6	2.4	
Virginia.....	316	93.8	17	5.0	9	6		1		1				4	1.2	
West Virginia.....	157	92.9	12	7.1	7	4				1						
North Carolina.....	269	91.8	15	5.1	10	4					1			9	3.1	
South Carolina.....	110	94.8	5	4.3	4	1								1	.9	
Georgia.....	210	91.3	13	5.7	7	1	3		1	1				7	3.0	
Florida.....	252	87.5	26	9.0	21	4		1						10	3.5	
EAST SOUTH CENTRAL:																
Kentucky.....	316	95.8	9	2.7	5	4								5	1.5	
Tennessee.....	281	89.5	24	7.6	13	9		1						9	2.9	
Alabama.....	184	93.4	8	4.1	2	3	2		1					5	2.5	
Mississippi.....	81	85.3	10	10.5	8	1	1							4	4.2	
WEST SOUTH CENTRAL:																
Arkansas.....	110	93.2	6	5.1	6									2	1.7	
Louisiana.....	163	91.6	10	5.6	7	2	1							5	2.8	
Oklahoma.....	204	94.2	13	4.2	11	1	1							5	1.8	
Texas.....	911	91.0	59	5.9	32	13	5	3	1	5				31	3.1	
MOUNTAIN:																
Montana.....	115	96.6	4	3.4	3				1							
Idaho.....	36	81.8	5	11.4	3	1	1							3	6.8	
Wyoming.....	40	100.0														
Colorado.....	201	95.3	8	3.8	6	2								2	.9	
New Mexico.....	36	87.8	5	12.2	3	1	1									
Arizona.....	101	96.2	4	3.8	4											
Utah.....	123	95.4	2	1.5		1			1					4	3.1	
Nevada.....	20	100.0														
PACIFIC:																
Washington.....	373	92.3	16	4.0	13	2	1							15	3.7	
Oregon.....	229	92.0	16	6.4	13	2	1							4	1.6	
California.....	2,570	93.2	136	4.9	105	13	7	6		3	1		1	50	1.8	

CONSTRUCTION—ORGANIZATION

TABLE V.—COLOR AND NATIVITY OF FIRM MEMBERS OF ALL CLASSES OF REPORTING ESTABLISHMENTS

GEOGRAPHIC DIVISION AND STATE	ESTABLISHMENTS REPORTING COLOR AND NATIVITY OF MEMBERS										Number not reporting color and nativity of members
	Total		Native white		Foreign-born white		Negro		Both foreign-born and negro		
	Number	Per cent of all establishments	Number	Per cent of total reporting	Number	Per cent of total reporting	Number	Per cent of total reporting	Number	Per cent of total reporting	
United States.....	29,089	94.9	24,242	83.5	4,766	16.4	26	0.1	15	(1)	1,588
GEOGRAPHIC DIVISIONS:											
New England.....	2,639	94.9	2,019	76.5	615	23.3	2	.1	3	0.1	141
Middle Atlantic.....	8,140	95.2	6,345	78.0	1,787	21.9	5	(1)	3	(1)	406
East North Central.....	7,546	95.1	6,414	85.0	1,124	14.9	5	(1)	3	(1)	388
West North Central.....	2,333	93.7	2,045	87.6	280	12.0	5	.2	3	.2	157
South Atlantic.....	2,109	96.6	1,967	93.4	140	6.6	1	(1)	1	(1)	75
East South Central.....	904	90.6	864	95.6	40	4.4					32
West South Central.....	1,547	96.1	1,440	93.1	100	6.5	6	.4	1	.1	62
Mountain.....	642	90.6	550	85.7	91	14.2			1	.2	67
Pacific.....	3,179	93.3	2,598	81.7	579	18.2	2	(1)			230
NEW ENGLAND:											
Maine.....	131	92.3	113	86.3	18	13.7					8
New Hampshire.....	105	92.9	89	84.8	16	15.2					11
Vermont.....	56	91.8	50	89.3	6	10.7					5
Massachusetts.....	1,366	95.3	1,069	78.2	294	21.5	2	.2	1	.1	68
Rhode Island.....	212	93.8	168	74.6	54	25.5					14
Connecticut.....	769	95.6	540	70.2	227	29.5			2	.3	35
MIDDLE ATLANTIC:											
New York.....	4,155	95.0	3,062	73.7	1,089	26.2	1	(1)	3	(1)	217
New Jersey.....	1,430	96.4	1,043	73.0	385	26.9	2	.1			53
Pennsylvania.....	2,555	94.9	2,240	87.7	313	12.2	2	.1			136
EAST NORTH CENTRAL:											
Ohio.....	1,942	95.1	1,764	90.8	176	9.1	2	.1			101
Indiana.....	707	94.8	657	92.9	49	6.9	1	.1			39
Illinois.....	2,377	95.2	1,893	79.7	480	20.2	2	.1	2	.1	120
Michigan.....	1,437	95.7	1,165	81.1	271	18.9			1	.1	64
Wisconsin.....	1,083	94.4	935	86.3	148	13.7					64
WEST NORTH CENTRAL:											
Minnesota.....	500	90.2	411	81.2	89	18.8					55
Iowa.....	456	93.8	404	88.6	52	11.4					30
Missouri.....	736	97.0	680	92.4	51	6.9	3	.4	2	.3	23
North Dakota.....	75	92.6	53	70.7	21	28.0			1	1.3	6
South Dakota.....	66	94.3	51	77.3	15	22.7					4
Nebraska.....	226	93.0	189	83.6	36	15.9	1	.4			17
Kansas.....	268	92.4	257	95.9	10	3.7	1	.4			22
SOUTH ATLANTIC:											
Delaware.....	89	97.8	78	87.6	11	12.4					2
Maryland.....	395	97.1	368	93.2	27	6.8					12
District of Columbia.....	230	94.5	213	89.1	16	10.9					14
Virginia.....	335	96.4	323	96.4	12	3.6					2
West Virginia.....	156	92.3	145	93.0	11	7.0					13
North Carolina.....	283	96.6	274	96.8	9	3.2					10
South Carolina.....	115	99.1	111	96.5	3	2.6	1	.9			1
Georgia.....	224	97.4	206	92.0	18	8.0					6
Florida.....	273	94.8	249	91.2	23	8.4			1	.4	15
EAST SOUTH CENTRAL:											
Kentucky.....	313	94.8	299	95.5	14	4.5					17
Tennessee.....	309	98.4	297	96.1	12	3.9					5
Alabama.....	103	98.0	180	93.3	13	6.7					4
Mississippi.....	89	93.7	88	98.9	1	1.1					6
WEST SOUTH CENTRAL:											
Arkansas.....	112	94.9	109	97.3	2	1.8			1	.9	6
Louisiana.....	173	97.2	161	93.0	11	6.4	1	.6			5
Oklahoma.....	298	95.5	280	94.0	17	5.7	1	.3			14
Texas.....	964	96.3	890	92.3	70	7.3	4	.4			37
MOUNTAIN:											
Montana.....	105	88.2	87	82.9	18	17.1					14
Idaho.....	35	79.5	31	88.6	4	11.4					9
Wyoming.....	37	92.5	28	75.7	9	24.3					3
Colorado.....	193	93.8	172	86.9	26	13.1					13
New Mexico.....	37	90.2	34	91.9	3	8.1					4
Arizona.....	95	90.5	87	91.6	7	7.3			1	1.1	10
Utah.....	118	91.5	100	84.7	18	15.3					11
Nevada.....	17	85.0	11	64.7	6	35.3					3
PACIFIC:											
Washington.....	381	94.3	286	75.0	95	25.0					23
Oregon.....	221	88.8	180	81.4	41	18.6					28
California.....	2,577	93.5	2,132	82.8	443	17.2	2	.1			179

1 Less than one-tenth of 1 per cent.

CONSTRUCTION—ORGANIZATION

TABLE VI.—MEMBERSHIP IN CONTRACTORS' ASSOCIATIONS OF ALL CLASSES OF REPORTING ESTABLISHMENTS

GEOGRAPHIC DIVISION AND STATE	ESTABLISHMENTS REPORTING ON MEMBERSHIP											Number not reporting on membership	
	Total reporting		No membership		Membership in some association								
	Number	Per cent of all establishments	Number	Per cent of total reporting	Total		National only		Local only		Both national and local		
					Number	Per cent of total reporting	Number	Per cent of total reporting	Number	Per cent of total reporting	Number		Per cent of total reporting
United States.....	30,068	98.3	16,170	53.8	13,898	46.2	1,668	5.5	7,153	23.8	5,077	16.9	529
GEOGRAPHIC DIVISIONS:													
New England.....	2,729	98.2	1,637	60.0	1,092	40.0	119	4.4	609	22.3	364	13.3	51
Middle Atlantic.....	8,404	98.3	4,710	56.0	3,694	44.0	360	4.4	2,188	26.0	1,146	13.6	142
East North Central.....	7,808	98.4	3,719	47.6	4,089	52.4	333	4.3	2,124	27.2	1,632	20.9	126
West North Central.....	2,450	98.4	1,103	47.7	1,282	52.3	229	9.3	504	20.6	549	22.4	40
South Atlantic.....	2,160	98.5	1,226	57.0	924	43.0	198	9.2	414	19.3	312	14.5	34
East South Central.....	918	98.1	532	58.0	386	42.0	65	7.1	128	13.9	193	21.0	18
West South Central.....	1,572	97.7	907	57.7	665	42.3	113	7.2	255	16.2	297	18.9	37
Mountain.....	692	97.6	435	62.9	257	37.1	43	6.2	124	17.9	90	13.0	17
Pacific.....	3,345	98.1	1,336	54.9	1,509	45.1	208	6.2	807	24.1	494	14.8	64
NEW ENGLAND:													
Maine.....	139	97.9	89	64.0	50	36.0	10	7.2	24	17.3	10	11.5	3
New Hampshire.....	113	100.0	92	81.4	21	18.6	7	6.2	10	8.9	4	3.5	-----
Vermont.....	60	98.4	56	93.3	4	6.7	1	1.7	3	5.0	-----	1	
Massachusetts.....	1,403	97.9	778	55.5	625	44.5	53	3.8	367	26.4	215	15.3	31
Rhode Island.....	225	99.6	134	59.6	91	40.4	8	3.6	55	24.4	28	12.4	1
Connecticut.....	789	98.1	483	61.8	301	38.2	40	5.1	160	20.3	101	12.3	15
MIDDLE ATLANTIC:													
New York.....	4,308	98.5	2,293	53.3	2,010	46.7	188	4.4	1,212	28.1	610	14.2	64
New Jersey.....	1,457	98.2	872	59.8	585	40.2	59	4.1	368	25.3	158	10.8	26
Pennsylvania.....	2,639	98.0	1,540	58.4	1,099	41.6	113	4.3	608	23.0	378	14.3	52
EAST NORTH CENTRAL:													
Ohio.....	2,011	98.4	971	48.3	1,040	51.7	93	4.6	552	27.5	395	19.6	32
Indiana.....	730	97.9	362	49.6	368	50.4	56	7.7	157	21.5	155	21.2	16
Illinois.....	2,468	98.8	1,136	46.0	1,332	54.0	66	2.7	696	28.2	570	23.1	29
Michigan.....	1,469	97.9	808	55.0	661	45.0	47	3.2	358	24.4	256	17.4	32
Wisconsin.....	1,130	98.5	442	39.1	688	60.9	71	6.3	361	31.0	256	22.7	17
WEST NORTH CENTRAL:													
Minnesota.....	551	98.2	251	45.5	300	54.5	35	6.4	133	24.1	132	24.0	10
Iowa.....	480	98.8	254	52.9	226	47.1	70	14.6	85	17.7	71	14.8	6
Missouri.....	750	98.8	359	47.9	391	52.1	44	5.8	146	19.6	201	26.8	9
North Dakota.....	76	93.8	22	28.9	54	71.1	6	7.9	26	34.2	22	29.0	5
South Dakota.....	67	95.7	24	35.8	43	64.2	9	13.4	15	22.4	19	28.4	3
Nebraska.....	239	98.4	113	47.3	126	52.7	37	15.5	47	19.7	42	17.6	4
Kansas.....	237	99.0	145	61.2	142	60.5	28	9.8	52	18.1	62	21.6	3
SOUTH ATLANTIC:													
Delaware.....	89	97.8	52	58.4	37	41.6	8	9.0	9	10.1	20	22.5	2
Maryland.....	403	99.0	262	65.0	141	35.0	18	4.5	77	19.1	46	11.4	4
District of Columbia.....	252	99.6	127	50.4	125	49.6	13	5.2	66	26.2	46	18.2	1
Virginia.....	331	98.2	203	61.3	128	38.7	21	6.3	71	21.5	36	10.9	6
West Virginia.....	165	97.6	115	69.7	50	30.3	18	10.9	22	13.3	10	6.1	4
North Carolina.....	284	96.9	117	41.2	167	58.8	60	21.1	44	15.5	63	22.2	9
South Carolina.....	115	99.1	75	65.2	40	34.8	21	18.3	7	6.1	12	10.4	1
Georgia.....	227	98.7	118	52.0	109	48.0	24	10.6	45	19.8	40	17.0	3
Florida.....	284	98.6	157	55.3	127	44.7	15	5.3	73	25.7	39	13.7	4
EAST SOUTH CENTRAL:													
Kentucky.....	321	97.3	218	67.9	103	32.1	13	4.1	44	13.7	46	14.3	9
Tennessee.....	308	98.1	127	41.2	181	58.8	26	8.5	54	17.5	101	32.8	6
Alabama.....	195	99.0	128	65.6	67	34.4	14	7.2	24	12.3	29	14.9	2
Mississippi.....	94	98.9	59	62.8	35	37.2	12	12.8	6	6.4	17	18.1	1
WEST SOUTH CENTRAL:													
Arkansas.....	117	99.2	91	77.8	26	22.2	7	6.0	8	6.8	11	9.4	1
Louisiana.....	173	97.2	80	46.2	93	53.8	17	9.8	23	13.3	53	30.6	5
Oklahoma.....	305	97.8	215	70.5	90	29.5	26	8.5	27	8.9	37	12.1	7
Texas.....	977	97.6	521	53.3	456	46.7	63	6.4	197	20.2	196	20.1	24
MOUNTAIN:													
Montana.....	115	98.6	59	51.3	56	48.7	7	6.1	43	37.4	6	5.2	4
Idaho.....	43	97.7	27	62.8	16	37.2	7	16.3	6	14.0	3	7.0	1
Wyoming.....	38	99.0	31	81.6	5	13.9	2	5.6	3	8.3	-----	4	
Colorado.....	207	98.1	127	61.4	80	38.6							

MAP OF THE UNITED STATES SHOWING GEOGRAPHIC DIVISIONS

