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MISCELLANEOUS SERIES

**BUILDING OPERATIONS IN
REPRESENTATIVE CITIES
1920**



JANUARY, 1922

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BULLETIN OF THE U. S. BUREAU OF LABOR STATISTICS.

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BUILDING OPERATIONS IN REPRESENTATIVE CITIES IN 1920.¹

INTRODUCTION.

This is the first annual report on the above subject issued by the United States Bureau of Labor Statistics. For several years past the Geological Survey of the Department of the Interior has collected and published data relative to building operations in the larger cities of the country as indicated by the building permits issued. At the initiation of the Geological Survey and with the consent of the Bureau of Labor Statistics the compilation of these data was transferred early in 1921 from the Geological Survey to the Bureau of Labor Statistics. The chief interest of the survey in its compilations of past years appeared to be in the material used in construction; that is, whether or not the buildings were built of wood, brick or tile, stone, or concrete, or were of steel skeleton construction.

The entrance of the United States into the World War caused a check in building operations in 1917 and 1918, and conditions became serious, the building of new homes not keeping pace with the increase in population, especially in many of the larger cities of the country. There was a great demand for living quarters, rents rapidly increased, and housing conditions became congested. The public interest in building operations centered not to any great extent in material used in construction or the amount of building as a whole but primarily in the prospect of getting a place in which to live. With this phase of the problem in mind the Bureau of Labor Statistics undertook to continue the reports as issued by the Geological Survey, and to enlarge the inquiry to cover the use of the buildings constructed and to ascertain as far as possible the number of families provided for by new building each year.

Questionnaires were sent to 218 cities having a population of 35,000 or over. Reports were received by correspondence or through special agents from 207 cities. Upon analysis it was found that reports from 196 cities were approximately complete in all their details, while returns from 198 were sufficiently complete to show classification by materials used, and reports from 9 others were acceptable as to the total number of permits issued and the aggregate construction costs but could not be used in the distribution of details.

¹ Preliminary summary figures appeared in the MONTHLY LABOR REVIEW for July, 1921, and in a pamphlet on "The Building Situation" issued by the Chamber of Commerce of the United States.

In preparing the questionnaire it was recognized that the records of different cities would vary in completeness of detail and that estimates would have to be accepted for some items. Estimates that appeared sound have been accepted and used.

In 196 cities with a population of 35,000 or over from which returns were received, \$1,204,490,764 was expended in building construction for the year 1920. The population of these 196 cities was 34,572,904, or 32.7 per cent of the total population of the United States. There were 68,637 one-family houses constructed at a cost of \$296,124,663, or 24.6 per cent of the total amount of money spent in all kinds of building. There were only 5,402 two-family houses built and 846 one-family or two-family houses with store combined; but while in all the one-family and two-family houses combined there were only about 81,000 families provided for, there were 93,121 garages built. An unknown number of families were provided for in the 1,496 apartment houses that were built as such and the 239 apartment houses with stores combined. Still, making liberal estimates for these, automobiles fared better than families. There were 426 moving picture and other amusement places built in these cities during the year at a cost of \$40,522,240, or considerably more than the cost of churches and hospitals combined; and while these cities constructed 547 schoolhouses, their cost, \$50,023,140, was but little more than half the money spent on garages.

The importance of these figures from a social point of view is that they show that building construction for the purpose of housing families lags far behind the current increase in the demand for houses. If we apply the marriage rate that obtained in 1916 to the population of these 196 cities we find that in 1920, 362,785 marriages took place in the cities considered. It used to be that a marriage very generally meant a new separate family and a new demand for a home either through purchase or rental. True, those conditions have somewhat changed; but if only half of the newly married couples seek homes to themselves we are building not more than half of the accommodations required, so that instead of catching up with the result of the cessation of residence building during the war we are not providing housing for more than 50 per cent of the newly established families. True, there is an offset to this in that the number of deaths releases for the use of new occupants a certain percentage of dwellings already built. Just what influence this has upon the housing situation is not known, but with all allowances made the figures would seem to indicate an increasing doubling up of families in these cities.

In this undertaking the Bureau of Labor Statistics has had the cooperation of the United States Chamber of Commerce, which sent letters to local chambers asking them to urge the local building inspection offices to make prompt and complete reports to questionnaires received from the bureau. Such action was of substantial assistance. Advance figures for 131 cities were furnished to the chamber of commerce, which issued a pamphlet on the subject. The chamber of commerce is urging a standard form of permit for adoption by all cities. Standard forms would lead to better and more comparable statistics.

EXPLANATION OF TABLES.

Three general tables are presented.

Table A (pp. 7 to 11) shows for 207 cities the number of permits issued or buildings authorized and the cost of the buildings, by years, from 1914 to 1920, inclusive, in so far as data are available. The Geological Survey expanded its list from year to year and each year some cities failed to report, hence complete figures are not available for all of the 207 cities. For 131 cities the table shows the number of permits issued or buildings authorized and the estimated cost of the buildings each year from 1914 to 1920, inclusive. The total amount of money involved in the permits for these 131 cities is as follows:

1914.....	\$749, 515, 813	1918.....	\$401, 770, 354
1915.....	776, 978, 256	1919.....	1, 259, 044, 868
1916.....	982, 028, 585	1920.....	1, 343, 629, 036
1917.....	650, 802, 375		

In addition to the 131 cities mentioned, the table contains a broken series of annual reports for 76 cities. No city appears in the table unless figures for 1920 were secured. Unfortunately, the figures for earlier years do not show a distinction between permits and buildings; in some cities the figures relate to permits, in others to buildings. In the questionnaire for the 1920 figures there were two questions on this subject—the first asked for the number of permits, the second for the number of buildings.

Of the cities showing an increase in cost of construction in 1920 over 1919, the greatest increase was in Charleston, S. C., which shows 251 per cent; that is to say, the construction was three and one-half times as great in 1920 as in 1919, measured by cost. Of the cities showing a decrease between these years, the largest decrease was in Dubuque, Iowa, where there was a reduction of 67 per cent in the estimated cost shown on the building permits between the years 1919 and 1920. Of the 10 largest cities in the United States, New York, Cleveland, Boston, Baltimore, Pittsburgh, and Los Angeles showed a gain in 1920 over 1919, while Chicago, Philadelphia, Detroit, and St. Louis showed a decrease.

Building inspectors in most of the cities covered by the report show that there is a pressing need for dwellings, conditions being especially bad in the larger cities.

These figures as to the cost of buildings, as indicated by building permits, must not be interpreted as indicating the relative physical amount of building construction, as the cost of construction has greatly increased between 1914 and 1920. A table of index numbers is published by the Engineering-News Record (May 12, 1921) showing the change in the relative cost of building construction from 1913 to 1921. The figures take into consideration the rate paid common labor and the price movement of the three construction materials least influenced by local conditions, steel, lumber, and cement. These index numbers are as follows:

1913.....	100	1918.....	192
1914.....	94	1919.....	210
1915.....	106	1920.....	237
1916.....	135	1921.....	220
1917.....	184		

The wholesale price index numbers for building material published by the Bureau of Labor Statistics are:

1913.....	100	1917.....	124
1914.....	97	1918.....	151
1915.....	94	1919.....	192
1916.....	101	1920.....	308

Index numbers showing changes in the union scale of wages per hour as of May each year, 1913 to 1920, as compiled by the Bureau of Labor Statistics are here given for certain building trades.

INDEX NUMBERS OF UNION SCALES OF WAGES PER HOUR IN THE BUILDING TRADES, MAY 1913 TO 1920.

Trade.	1913	1914	1915	1916	1917	1918	1919	1920
Bricklayers.....	100	102	103	104	107	115	128	175
Building laborers.....	100	101	101	106	117	137	156	226
Carpenters.....	100	102	103	106	115	126	146	195
Cement finishers.....	100	101	102	103	109	120	135	183
Hod carriers.....	100	101	102	105	117	137	160	232
Inside wiremen.....	100	103	105	107	114	127	146	192
Lathers.....	100	102	103	106	110	119	132	189
Painters.....	100	103	104	113	117	129	151	206
Plasterers.....	100	101	101	105	108	113	131	171
Plasterers' laborers.....	100	102	102	105	112	129	147	213
Plumbers and gas fitters.....	100	101	102	103	107	117	133	172
Sheet-metal workers.....	100	104	105	107	112	131	144	193
Structural-iron workers.....	100	102	102	104	110	126	143	179
Tile layers.....	100	101	101	103	108	111	121	163

The Bureau of Labor Statistics does not undertake to estimate the physical amount of building construction or the change in this amount from year to year. It is to be regretted that the permits do not show the floor area of the new construction or the cubic contents, or both.

Table B (pp. 12 to 25) shows the number of permits issued and the estimated cost of buildings authorized in each of the 207 cities reporting for 1920 by the principal material used in construction. The figures are shown separately for new buildings and for additions, alterations, and repairs. Detailed data are shown for 198 cities, while totals are for 207 cities. This table, on account of its size, is printed in two sections. The last column of the second section shows the rank of each city as indicated by the cost of construction.

Table C (pp. 26 to 49) relates to new construction only and the proposed use of the building. There are two parts to this table—the first part covers residential buildings and the second part non-residential buildings. Eleven cities which reported grand totals of new construction and additions, alterations, and repairs, but which did not report details as to proposed use of the buildings, are not included in this table.

In the questionnaire the number of families per dwelling provided for in the new construction was requested. The answer, of course, is apparent for one-family and two-family dwellings, but for multi-family dwellings, consisting of apartments and tenements, the returns received are incomplete.

It is impossible to tell whether or not the ratio of apartment houses to the total number of dwelling houses has increased materially. It is to be presumed that it has, however, for the table shows many apartment houses to have been built in the cities with a population

of 75,000 or less. The building inspectors in some of these cities reported that multi-family dwellings (or apartments) were erected in their cities for the first time during 1920. They gave as a reason that apartments for rent brought in a better return for the money invested than single-family or two-family houses.

One peculiar fact the table shows is that in 1920 there were more garages built than buildings of any other one kind. Public and private garages could not be separated, so the figures show garages from the small private ones costing \$100 to the large commercial garages costing \$50,000 or more. By far the greater number, however, are the small private garages costing \$1,000 or less.

Following is a summarization of the data in Table C, according to the use of buildings. This table gives the totals for 196 cities that reported the necessary details. In five cities the data were not entirely segregated and a parallel tabulation is given for the 191 cities having a complete segregation. Referring to the figures for the 191 cities it will be noticed by grouping dwellings and apartments together that 34.8 per cent of the cost of all buildings was spent for the housing of families.

Next to dwellings the greatest amount of money, 16 per cent of the total expended, was for factories and workshops. Stores and other mercantile buildings ranked third with 11.9 per cent. Then followed in the order named office buildings 10.8 per cent, garages 7.7 per cent, schools 4.2 per cent, amusement places 3.4 per cent, hospitals 1.8 per cent, and churches 1.5 per cent. It will be seen that more money was expended for amusement houses than for churches and hospitals combined, and that almost twice as much was spent for garages as for schools.

BUILDING CONSTRUCTION IN 1920, BY INTENDED USE OF BUILDINGS.

Use of buildings.	Total for 196 cities.			Total for 191 cities reporting fully segregated data.		
	Number of buildings.	Cost.	Per cent of total cost.	Number of buildings.	Cost.	Per cent of total cost.
<i>Residential buildings.</i>						
One-family houses	¹ 68,637	² \$296,124,663	³ 24.6	67,036	\$289,150,628	24.7
Two-family houses	⁴ 5,402	⁵ 40,154,337	⁶ 3.3	5,368	40,154,337	3.4
One-family or two-family houses with stores combined	⁷ 846	⁸ 8,854,641	⁹ .7	829	8,854,641	.8
Multi-family apartments	¹⁰ 1,496	¹¹ 66,294,369	¹² 5.5	1,459	65,368,169	5.6
Multi-family apartments with stores combined	239	3,739,780	.3	239	3,739,780	.8
Hotels	101	23,830,906	2.0	100	22,605,906	1.9
Lodging houses	38	1,229,275	.1	37	1,189,275	.1
Clubs	54	3,874,575	.3	53	3,867,075	.3
Total residential buildings	76,813	444,102,546	36.9	75,121	434,909,811	37.2

¹ Including two-family houses in Birmingham, Little Rock, and Oklahoma City; two-family houses with stores combined in Birmingham and Oklahoma City; and multi-family apartments in Birmingham.

² Including cost of two-family houses in Boston, Birmingham, Little Rock, Oklahoma City, and Trenton; two-family houses with stores combined in Boston, Little Rock, and Oklahoma City; and multi-family apartments in Birmingham.

³ Not including two-family houses in Birmingham, Little Rock, and Oklahoma City included with one-family houses.

⁴ Not including cost of two-family houses in Boston, Birmingham, Little Rock, Oklahoma City, and Trenton, included with cost of one-family houses.

⁵ Not including two-family houses with stores combined in Birmingham and Oklahoma City, included with one-family houses.

⁶ Not including cost of two-family houses with stores combined in Boston, Little Rock, and Oklahoma City, included with cost of one-family dwellings.

⁷ Not including multi-family apartments in Birmingham, included with one-family houses.

BUILDING CONSTRUCTION IN 1920, BY INTENDED USE OF BUILDINGS—Concluded.

Use of buildings.	Total for 196 cities.			Total for 191 cities reporting fully segregated data.		
	Number of build-ings.	Cost.	Per cent of total cost.	Number of build-ings.	Cost.	Per cent of total cost.
<i>Nonresidential buildings.</i>						
Amusement places.....	426	\$40,522,240	3.4	412	\$39,273,590	3.4
Churches.....	527	17,810,540	1.5	507	17,216,990	1.5
Factories and workshops.....	5,381	191,682,550	15.9	5,160	187,410,525	16.0
Garages.....	93,121	94,713,879	7.9	91,122	90,449,054	7.7
Gasoline service stations.....	853	3,668,222	.3	841	3,626,422	.3
Hospitals.....	91	20,701,309	1.7	90	20,626,309	1.8
Office buildings.....	1,102	133,044,360	11.0	1,080	125,946,435	10.7
Public buildings.....	191	16,369,420	1.4	187	15,939,420	1.4
Stores and other mercantile buildings.....	6,737	144,054,972	12.0	6,513	139,648,422	11.9
Schools.....	547	50,023,140	4.2	539	49,130,340	4.2
Sheds, stables, and barns.....	13,160	5,274,205	.4	13,064	5,194,692	.4
All others.....	9,253	42,523,381	3.5	8,939	41,045,821	3.5
Total nonresidential buildings.....	131,389	760,388,218	63.1	128,454	735,508,020	62.8
Grand total.....	208,202	1,204,490,764	100.0	203,575	1,170,417,831	100.0

It is a recognized fact that the ultimate cost of a building is not always that stated in the building permit. There may be an occasional intentional misstatement of fact, but more often modifications in plans or specifications change the final cost figures. Further, it is recognized that some permits may be issued and building plans then suspended temporarily or indefinitely. However, building permits are at present the most complete available figures for building construction. The time may come when occupancy permits may be demanded for new buildings. Such figures would eliminate permits issued but not used.

It has been found that in some cities there are no building codes and that cities of some considerable size have practically no records of building permits. The fact has also been developed that in some cities nominally requiring permits considerable building is done without permits because of laxity in inspection and in permit enforcement.

While this report is incomplete in some particulars, it is the best that could be prepared by the method used, and from the information available, and it is hoped that this report will stimulate interest in building construction not only in the cities here represented but in other cities as well and lead to improvement in building codes and building records.

TABLE A.—NUMBER OF PERMITS ISSUED (OR BUILDINGS AUTHORIZED) AND COST OF BUILDINGS IN REPRESENTATIVE CITIES IN EACH YEAR, 1914 TO 1920.

City.	1914		1915		1916		1917		1918		1919		1920		
	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits.	Build-ings.	Cost.
Akron, Ohio.....	2,092	\$4,030,015	2,532	\$6,030,950	4,658	\$12,824,536	5,039	\$14,166,818	2,185	\$4,112,236	6,894	\$27,219,436	4,253	4,253	\$20,347,625
Albany, N. Y.....	424	5,084,000	677	3,570,150	(1)	(1)	(1)	(1)	1,600	1,286,226	2,162	2,729,553	2,057	2,057	3,903,159
Allentown, Pa.....	680	1,910,006	679	1,477,335	833	2,178,585	494	1,367,907	199	731,715	619	2,736,674	(1)	662	2,709,710
Altoona, Pa.....	813	1,077,725	828	776,884	647	739,258	396	320,464	471	205,853	926	1,046,334	(1)	806	1,586,261
Atlanta, Ga.....	3,146	4,564,387	2,752	4,589,214	2,419	3,685,663	2,274	4,967,676	2,044	3,572,086	3,022	10,442,739	2,617	2,617	13,372,666
Auburn, N. Y.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	183	183	517,849
Atlantic City, N. J.....	1,323	3,137,743	1,808	2,144,215	1,165	1,785,802	597	2,437,876	398	530,661	1,149	4,063,975	(1)	1,442	16,073,998
Augusta, Ga.....	1,272	1,718,578	1,115	658,052	1,931	1,816,095	2,372	1,240,621	1,083	432,249	(1)	(1)	1,754	1,815	1,840,242
Aurora, Ill.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	307	307	739,103
Baltimore, Md.....	12,058	16,308,299	1,957	9,541,891	10,682	10,647,893	1,424	6,299,643	6,170	5,390,483	5,554	17,574,847	(1)	16,293	30,629,881
Battle Creek, Mich.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	613	613	589,790
Bayonne, N. J.....	275	981,366	491	995,124	459	1,384,265	217	876,439	157	440,478	301	1,924,050	365	409	3,078,949
Beaumont, Tex.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	2,434	2,451	1,625,902
Berkeley, Calif.....	1,086	2,082,949	1,102	2,593,425	1,196	2,806,203	945	1,243,850	615	722,290	1,105	1,801,366	(1)	1,289	3,079,822
Berthlehem, Pa.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	232	243	754,672
Binghamton, N. Y.....	1,621	2,225,647	1,807	1,519,007	3,157	1,927,949	2,631	1,657,742	1,524	607,293	2,536	1,672,031	2,387	2,387	1,461,959
Birmingham, Ala.....	3,524	3,043,374	4,521	1,885,511	5,435	2,386,599	4,306	1,818,736	3,001	1,765,172	4,133	3,885,960	4,168	4,168	4,276,474
Boston, Mass.....	4,247	23,187,282	6,328	29,113,692	9,045	49,201,122	4,679	23,294,161	3,977	1,704,190	6,042	23,520,855	6,426	6,426	28,167,668
Bridgeport, Conn.....	1,032	3,666,340	1,635	8,790,274	2,091	7,064,564	1,491	4,497,983	982	3,040,913	1,464	4,846,909	(1)	1,206	5,287,641
Brookton, Mass.....	586	1,215,689	553	1,133,993	586	1,252,440	469	805,009	245	273,803	606	1,156,088	685	685	1,525,659
Brookline, Mass.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	269	273	2,515,038
Buffalo, N. Y.....	3,984	10,709,000	4,809	11,798,000	4,749	13,737,000	4,068	10,501,000	3,457	7,014,000	5,886	13,033,000	(1)	4,563	13,522,100
Butte, Mont.....	227	621,685	(1)	1,024,032	1,056	1,962,119	887	1,604,998	512	603,147	677	866,627	337	337	225,380
Cambridge, Mass.....	541	6,300,105	627	3,384,290	667	4,033,115	561	3,146,367	454	2,170,368	754	3,592,534	876	876	5,211,216
Camden, N. J.....	615	2,377,335	1,346	2,334,000	1,032	3,628,760	794	2,305,483	481	7,727,137	1,236	3,421,270	905	949	2,792,280
Canton, Ohio.....	548	1,409,345	727	2,005,190	1,348	3,869,655	970	2,647,280	917	1,845,067	2,018	6,039,960	1,763	1,763	3,210,449
Cedar Rapids, Iowa.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	915	915	2,203,892
Charleston, S. C.....	480	482,493	438	375,380	464	544,661	313	481,930	234	491,326	416	937,399	566	566	3,290,013
Charleston, W. Va.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	487	487	1,911,752
Charlotte, N. C.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	310	372	2,303,580
Chattanooga, Tenn.....	2,129	967,277	2,525	613,690	2,439	1,474,760	1,877	754,860	2,722	819,100	2,161	1,600,128	2,037	2,037	2,983,320
Chelsea, Mass.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	238	249	595,067
Chester, Pa.....	453	1,221,200	295	772,225	656	3,122,750	693	3,678,735	(1)	(1)	560	1,277,432	432	448	1,999,332
Chicago, Ill.....	9,938	83,261,710	10,340	97,291,400	10,277	112,835,150	4,838	49,167,990	2,529	34,792,200	6,589	104,198,850	7,246	7,246	84,602,650

1 Not reported.

TABLE A.—NUMBER OF PERMITS ISSUED (OR BUILDINGS AUTHORIZED) AND COST OF BUILDINGS IN REPRESENTATIVE CITIES IN EACH YEAR, 1914 TO 1920—Continued.

City.	1914		1915		1916		1917		1918		1919		1920		
	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits or build-ings.	Cost.	Permits.	Build-ings.	Cost.
Chicopee, Mass.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	305	335	\$1,523,250
Cicero, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	411	4,323,825
Cincinnati, Ohio	3,600	\$8,150,000	4,797	\$13,443,414	15,987	\$10,842,895	4,262	\$9,151,925	3,200	\$4,265,635	4,734	\$9,058,531	3,306	3,306	10,899,085
Cleveland, Ohio	12,790	26,991,050	14,451	32,660,305	14,022	33,108,260	11,952	30,483,750	8,668	16,385,800	12,283	47,707,975	11,320	11,320	64,198,600
Columbia, S. C.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	965	1,010	1,060,356
Columbus, Ohio	2,636	6,885,065	2,836	4,928,425	3,141	7,194,240	2,117	3,915,030	1,824	3,301,220	3,436	6,345,760	2,822	2,873	10,257,170
Council Bluffs, Iowa	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	497	497	1,611,857
Covington, Ky.	315	633,320	335	455,710	554	844,308	226	245,950	140	142,800	253	496,065	348	348	514,765
Dallas, Tex.	1,852	5,093,497	(1)	3,422,512	1,523	4,293,464	814	3,577,849	537	1,668,030	1,594	14,695,608	2,569	2,567	13,420,742
Davenport, Iowa	569	1,872,172	(1)	(1)	609	1,017,395	(1)	(1)	(1)	(1)	(1)	(1)	951	951	1,476,342
Dayton, Ohio	870	2,977,990	1,234	3,534,620	(1)	(1)	1,694	3,506,000	1,223	3,956,990	1,271	3,694,720	2,045	2,045	5,882,210
Decatur, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	638	638	2,549,850
Denver, Colo.	3,721	3,750,460	3,085	2,648,575	2,578	4,014,590	2,357	4,252,000	1,960	2,595,890	3,036	6,779,890	2,903	2,903	7,143,160
Des Moines, Iowa	619	1,981,846	771	1,967,817	855	3,375,945	982	2,640,469	670	4,460,566	1,220	5,266,185	928	928	4,318,198
Detroit, Mich.	7,844	28,207,395	8,966	32,235,540	16,489	51,068,310	12,109	39,666,800	7,010	18,226,832	2,143	82,995,071	19,423	19,423	77,737,215
Dubuque, Iowa	83	1,027,600	312	970,000	171	667,108	139	603,170	67	273,019	257	1,142,114	216	216	371,358
Duluth, Minn.	1,591	2,805,223	1,816	2,714,464	1,963	10,223,598	1,460	4,508,665	1,243	2,627,814	2,066	5,453,463	1,968	1,968	6,989,673
East Chicago, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	167	167	2,138,153
East Orange, N. J.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	685	685	2,935,924
East St. Louis, Ill.	532	970,368	487	1,253,258	410	795,496	371	1,199,162	258	886,086	446	1,493,415	428	436	1,872,293
Elizabeth, N. J.	431	1,336,934	458	1,362,989	495	2,301,633	342	1,453,642	284	1,497,627	833	5,449,372	612	612	2,835,058
Elmira, N. Y.	280	1,306,050	186	749,650	222	1,704,900	296	840,500	74	205,250	57	169,700	289	289	998,350
El Paso, Tex.	(1)	1,934,297	1,540	3,612,418	1,654	3,551,909	1,474	3,749,407	1,041	626,121	1,269	2,255,580	725	725	3,327,200
Erie, Pa.	1,556	2,766,269	1,296	2,054,296	1,535	2,800,192	(1)	1,145	1,145	2,148,083	1,675	3,304,573	1,036	1,036	3,521,444
Evanston, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	398	398	1,028,951
Evansville, Ind.	1,342	1,269,783	(1)	(1)	(1)	1,336,670	951	1,042,731	585	340,386	(1)	(1)	1,343	1,343	1,633,802
Everett, Mass.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	355	355	816,390
Fall River, Mass.	590	1,493,235	704	1,824,696	588	2,284,742	440	1,132,878	277	644,496	567	1,414,591	670	687	3,748,582
Fitchburg, Mass.	231	659,986	259	703,463	235	473,203	222	467,230	175	364,546	342	1,065,855	322	322	1,722,395
Flint, Mich.	651	773,028	1,743	2,104,879	3,002	4,733,447	1,453	2,454,805	670	945,453	4,772	13,657,424	4,325	4,325	10,543,525
Fort Wayne, Ind.	743	2,351,535	702	2,009,415	823	3,479,531	569	3,329,091	329	913,124	771	2,228,792	894	894	2,929,942
Fort Worth, Tex.	622	2,181,931	681	1,166,907	845	2,127,884	527	1,789,612	646	2,267,887	2,010	18,657,654	2,234	2,234	10,373,377
Galveston, Tex.	1,206	1,341,318	3,692	2,311,950	1,928	774,141	1,837	218,664	548	61,110	5,846	663,013	3,562	3,562	668,608
Gary, Ind.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	737	737	3,279,524
Grand Rapids, Mich.	1,982	3,618,119	1,909	2,684,037	1,748	3,519,245	1,351	1,817,165	858	1,199,985	1,808	3,784,088	1,779	1,779	4,448,700
Hamilton, Ohio	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	588	588	1,464,356
Hammond, Ind.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	449	449	2,018,265
Hamtramck, Mich.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	943	943	4,748,539

BUILDING OPERATIONS IN 1920.

Harrisburg, Pa.	572	1,269,500	607	1,428,950	529	1,830,923	437	2,006,515	219	910,865	712	2,733,815	446	1,454,854
Hartford, Conn.	1,025	4,052,076	1,403	5,575,895	1,423	7,383,163	1,082	7,671,616	308	2,978,561	1,552	9,084,340	1,505	20,691,324
Haverhill, Mass.	278	1,148,935	414	1,402,000	408	1,172,350	231	466,777	93	161,735	305	1,324,975	358	1,136,750
Highland Park, Mich.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	751	2,295,127
Hoboken, N. J.	201	876,293	195	802,060	228	1,789,750	196	337,219	170	662,635	243	937,688	220	1,975,369
Holyoke, Mass.	183	1,183,261	202	928,105	170	1,337,570	166	853,610	94	208,270	364	1,336,425	361	3,452,195
Houston, Tex.	4,551	3,802,591	4,314	2,425,555	3,449	3,086,871	2,423	2,644,468	2,206	2,270,649	1,432	6,281,306	1,334	7,829,886
Huntington, W. Va.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	925	2,399,307
Indianapolis, Ind.	5,693	7,933,381	6,177	7,083,642	5,746	8,934,694	5,086	7,103,102	4,308	4,558,676	7,454	12,794,556	6,689	14,593,762
Jackson, Mich.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,051	1,223,181
Jacksonville, Fla.	888	1,667,470	640	1,658,158	617	1,558,924	559	1,914,171	1,475	1,145,351	2,528	3,642,744	470	2,921,089
Jamestown, N. Y.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	89	528,782
Jersey City, N. J.	1,171	3,826,174	1,306	5,351,630	1,036	5,005,243	364	2,628,283	684	4,232,693	1,008	4,557,951	1,016	7,458,849
Johnstown, Pa.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	593	6,000,000
Kalamazoo, Mich.	244	545,257	226	359,015	184	581,195	146	428,915	79	191,458	320	1,218,906	483	1,396,093
Kansas City, Kans.	757	1,110,988	748	962,749	612	748,400	494	1,045,670	260	1058,016	491	1,640,086	453	1,280,295
Kansas City, Mo.	3,253	10,204,970	3,517	10,667,405	3,620	11,563,444	3,259	10,128,450	1,910	5,649,645	1,900	9,544,925	4,416	13,522,265
Kenosha, Wis.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,466	2,572,774
Knoxville, Tenn.	563	408,707	669	493,044	732	468,771	1,091	1,271,759	785	643,345	1,031	2,654,213	968	2,469,041
Lakewood, Ohio.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	805	4,228,963
Lancaster, Pa.	388	689,956	428	897,378	323	1,023,677	225	365,616	159	282,640	370	1,149,562	391	1,273,918
Lansing, Mich.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,270	2,075,175
Lawrence, Mass.	243	1,307,645	349	1,496,194	335	1,516,723	227	592,405	221	1,852,398	503	1,738,061	501	2,548,991
Lexington, Ky.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	850	2,056,454
Lima, Ohio.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	128	658,500
Lincoln, Nebr.	458	1,003,287	567	1,697,049	524	1,939,917	393	1,355,868	342	759,172	674	2,052,452	536	2,110,495
Little Rock, Ark.	(1)	(1)	(1)	(1)	601	1,293,452	410	1,210,477	640	749,712	1,179	2,754,731	1,803	3,738,433
Long Beach, Calif.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	266	614,000
Lorain, Ohio.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	574	1,223,593
Los Angeles, Calif.	9,979	17,361,925	7,845	11,888,662	7,565	15,036,045	6,699	16,932,082	6,381	8,678,862	13,209	28,225,833	25,555	60,023,600
Louisville, Ky.	2,206	4,397,310	2,432	4,055,390	2,299	3,853,140	1,267	1,758,060	1,213	2,017,432	2,163	4,140,714	2,493	6,986,260
Lowell, Mass.	633	773,514	732	1,231,310	831	1,492,973	686	1,241,351	550	1,342,362	1,059	3,352,710	924	4,981,375
Lynn, Mass.	610	2,264,637	660	1,685,713	621	1,520,427	449	1,396,191	269	361,670	711	1,949,066	694	1,026,675
McKeesport, Pa.	138	277,741	159	559,842	232	706,046	196	498,225	173	269,049	(1)	(1)	247	817,581
Macon, Ga.	617	676,210	643	977,134	637	670,576	427	751,046	772	596,500	845	985,340	744	1,420,672
Madison, Wis.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	504	1,799,835
Malden, Mass.	339	593,695	376	893,985	341	852,400	298	521,320	262	400,420	451	713,049	442	1,149,475
Manchester, N. H.	956	1,649,867	1,148	2,598,055	1,106	1,448,129	766	1,263,945	562	320,862	891	1,784,815	790	2,612,795
Medford, Mass.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	375	1,462,524
Memphis, Tenn.	2,617	2,946,818	2,303	2,730,488	2,439	3,091,970	1,694	2,626,855	643	1,591,078	1,974	7,518,950	1,563	6,173,265
Milwaukee, Wis.	3,865	9,882,085	3,882	11,564,325	4,008	13,010,312	14,983	11,270,292	11,043	6,513,096	4,388	20,006,303	4,329	14,845,530
Minneapolis, Minn.	6,015	15,214,525	6,831	16,349,940	6,970	22,917,290	4,992	9,258,365	3,695	5,395,740	6,704	17,309,160	6,665	15,914,825
Mobile, Ala.	223	576,000	145	102,895	83	75,390	91	131,780	53	80,784	189	698,804	147	612,965
Montgomery, Ala.	444	368,900	544	384,883	1,512	444,929	1,378	335,496	(1)	(1)	(1)	(1)	1,203	469,075
Mount Vernon, N. Y.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	426	2,155,507
Muncie, Ind.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	130	209,600
Muskegon, Mich.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,051	1,804,579
Nashville, Tenn.	(1)	(1)	(1)	(1)	6,367	3,657,516	1,615	1,036,676	1,211	534,783	1,962	2,159,873	1,776	1,946,228
Newark, N. J.	2,105	10,661,910	2,547	7,912,184	3,627	10,236,316	2,488	9,395,920	1,696	5,336,033	3,182	20,102,812	2,625	22,597,656
New Bedford, Mass.	1,062	3,039,736	1,012	3,126,734	949	4,762,081	384	3,054,161	352	976,714	762	7,005,423	749	6,185,800
New Britain, Conn.	513	1,214,840	633	1,480,785	610	1,419,010	489	1,254,479	480	880,990	1,054	2,806,914	785	2,572,382

¹Not reported.

TABLE A.—NUMBER OF PERMITS ISSUED (OR BUILDINGS AUTHORIZED) AND COST OF BUILDINGS IN REPRESENTATIVE CITIES IN EACH YEAR, 1914 TO 1920—Concluded.

City.	1914		1915		1916		1917		1918		1919		1920		
	Permits or buildings.	Cost.	Permits or buildings.	Cost.	Permits or buildings.	Cost.	Permits or buildings.	Cost.	Permits or buildings.	Cost.	Permits or buildings.	Cost.	Permits.	Buildings.	Cost.
New Castle, Pa.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	269	269	\$1,834,228
New Haven, Conn.....	1,136	\$4,380,842	1,524	\$7,104,947	1,465	\$5,022,556	1,230	\$5,642,869	928	\$3,227,058	1,758	\$8,910,917	1,369	1,369	5,134,343
New Orleans, La.....	1,635	2,948,751	1,334	2,950,357	1,015	3,117,604	823	2,814,051	542	1,770,930	1,065	5,249,092	1,294	1,540	10,927,596
Newport News, Va.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	164	164	650,000
New Rochelle, N. Y.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	431	431	2,588,852
Newton, Mass.....	658	1,813,596	843	3,073,079	989	3,166,948	654	1,756,586	352	469,423	829	3,569,399	656	656	2,873,969
New York, N. Y.....	20,209	115,902,548	22,229	148,625,651	16,448	42,168,505	12,255	33,590,071	4,824	21,566,382	17,890	77,280,360	9,849	14,738	68,116,384
Borough of Brooklyn					3,687	18,425,060	3,037	10,126,360	1,847	5,207,320	3,888	23,385,799	1,472	1,810	21,492,530
Borough of Bronx					4,448	134,075,044	3,756	42,738,169	2,668	17,697,650	3,962	106,773,373	3,976	4,791	139,199,563
Borough of Manhattan									2,228	6,768,138	8,910	46,022,687	(1)	10,242	42,640,472
Borough of Queens									1,308	2,362,514	2,840	4,295,268	2,292	2,730	6,246,388
Borough of Richmond					2,002	4,568,567	1,643	3,766,757	(1)	(1)	(1)	(1)	730	730	3,673,546
Niagara Falls, N. Y.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,029	1,029	4,640,592
Norfolk, Va.....	683	2,014,681	674	1,865,928	674	2,712,988	526	1,665,180	591	2,834,107	1,458	7,968,609	1,029	1,029	9,401,768
Oakland, Calif.....	3,649	4,717,520	3,352	5,045,290	3,683	5,368,290	2,938	4,442,520	2,948	5,382,160	4,059	7,134,573	4,442	4,442	2,059,211
Oak Park, Ill.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	792	792	6,050,861
Oklahoma City, Okla.....	210	1,972,442	437	1,166,806	757	2,073,634	963	3,089,737	849	2,510,221	1,641	9,039,633	(1)	1,674	11,435,970
Omaha, Nebr.....	1,295	4,610,456	1,351	5,385,005	1,454	7,226,107	1,039	7,737,047	(1)	(1)	1,959	9,022,647	1,359	1,359	1,594,035
Passaic, N. J.....	331	856,149	320	1,074,331	340	1,420,758	269	773,060	181	390,520	349	1,790,668	328	328	3,685,985
Patterson, N. J.....	884	1,539,640	1,063	1,693,881	1,164	2,347,745	1,019	1,599,338	823	1,087,540	1,536	4,599,541	1,511	1,511	1,811,265
Pawtucket, R. I.....	458	1,148,977	450	1,835,415	412	1,219,093	334	905,382	229	552,492	586	1,621,385	566	566	1,684,028
Peoria, Ill.....	802	4,757,511	640	4,090,645	797	4,645,182	718	4,183,574	532	1,941,163	919	7,050,048	1,040	1,040	669,266
Perris, Mich.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	131	131	16,555,174
Philadelphia, Pa.....	12,774	34,694,340	13,884	35,010,640	13,708	49,819,225	7,555	33,050,220	5,820	15,340,500	14,509	65,088,750	8,653	10,003	54,174,045
Pittsburgh, Pa.....	3,522	18,194,182	3,916	14,227,020	4,175	13,554,810	3,587	11,318,502	2,571	7,938,350	4,832	14,731,616	3,989	3,989	18,552,362
Pittsfield, Mass.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	193	200	1,391,621
Portland, Me.....	405	1,145,045	519	1,557,469	576	1,653,742	386	769,543	303	601,647	727	2,062,300	639	639	11,850,120
Portland, Oreg.....	5,959	8,334,075	4,623	4,895,345	4,351	6,272,865	3,377	3,643,410	5,707	6,176,047	8,922	9,840,725	9,988	9,988	683,453
Portsmouth, Va.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	428	428	766,055
Poughkeepsie, N. Y.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	194	218	10,034,200
Providence, R. I.....	3,589	6,394,900	3,848	7,023,700	3,661	9,248,900	2,881	3,817,800	2,532	4,963,100	3,406	8,077,200	4,023	4,023	739,070
Pueblo, Colo.....	214	330,270	165	219,910	221	436,520	445	1,032,479	442	374,796	562	676,300	605	610	268,500
Quincy, Ill.....	65	533,900	79	420,700	103	339,090	41	637,700	14	95,700	53	615,925	31	21	1,318,792
Quincy, Mass.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	598	598	4,290,684
Racine, Wis.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,225	1,225	3,341,900
Reading, Pa.....	470	1,148,850	494	1,227,160	2,080	1,719,675	1,471	1,276,030	1,581	793,575	2,351	2,263,325	2,494	2,564	6,919,278
Richmond, Va.....	1,591	3,391,571	1,710	3,244,752	2,155	4,927,396	1,558	4,118,688	949	1,838,614	2,339	8,770,452	1,722	2,038	1,236,005
Roanoke, Va.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	758	759	9,906,945
Rochester, N. Y.....	3,247	8,733,257	3,391	9,108,333	3,136	9,379,447	2,268	6,739,620	1,361	1,949,551	3,525	9,641,579	3,322	3,322	

BUILDING OPERATIONS IN 1920.

TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Number.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Akron, Ohio.....	2,458	\$4,818,403	797	\$876,480	3,255	\$5,694,883	829	\$13,684,345	169	\$968,397				
Albany, N. Y.....	167	610,240	1,136	629,326	1,303	1,239,566	186	1,404,940	568	1,258,658				
Allentown, Pa.....	116	114,947	61	60,000	177	174,947	217	1,810,028	192	498,552				
Altoona, Pa.....	289	234,383	419	171,764	708	406,147	48	239,959	43	98,155				
Atlanta, Ga.....	617	3,522,318	1,100	721,752	1,717	4,244,070	145	3,755,060	302	1,495,224	4	\$52,800	2	\$40,000
Auburn, N. Y.....	104	188,140	35	25,187	139	213,327	9	68,177	16	67,500				
Atlantic City, N. J.....	93	205,179	659	3,267,272	752	3,472,451	123	1,245,210	531	5,501,020				
Augusta, Ga.....	292	539,843	1,493	535,492	1,785	1,075,335	21	502,607	5	228,500				
Aurora, Ill.....	99	142,865	124	144,861	223	287,726	15	151,390	51	257,537				
Baltimore, Md.....	688	3,177,245	1,845	670,523	2,533	3,847,768	3,302	14,644,505	10,027	5,852,593	10	266,000	46	129,403
Battle Creek, Mich.....	492	553,390	118	25,000	610	578,390	1	6,000	20	24,923			1	400
Bayonne, N. J.....	48	356,600	234	288,526	282	645,126	52	1,485,100	37	163,029	1	35,000		
Beaumont, Tex.....	491	622,652	1,899	379,679	2,390	1,002,331	19	230,178	(1)	(1)				
Berkeley, Calif.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Bethlehem, Pa.....	66	52,500	63	44,965	129	97,465	57	324,700	42	311,975				
Binghamton, N. Y.....	302	396,500	1,943	2,528,509	(1)	(1)	142	536,950	(1)	(1)				
Birmingham, Ala.....	1,075	1,629,988	2,733	626,227	3,808	2,256,225	93	1,637,900	267	6,382,349	(1)	(1)	(1)	(1)
Boston, Mass.....	526	1,130,383	3,599	1,447,137	4,125	2,577,520	203	11,732,075	1,569	7,623,000	2	1,100	98	668,950
Bridgeport, Conn.....	630	1,407,612	3,065	226,477	935	1,634,089	73	1,914,426	58	468,091				
Brooklyn, Mass.....	395	349,911	234	270,665	629	620,576	15	215,375	13	171,500			1	6,000
Brookline, Mass.....	40	402,500	81	260,925	121	663,425	34	549,900	30	357,650				
Buffalo, N. Y.....	2,993	4,149,200	788	1,016,480	3,781	5,165,680	244	5,517,700	10,526	10,524,720	8	636,600	(1)	(1)
Butte, Mont.....	60	39,770	140	42,082	200	81,852	4	21,850	119	41,053			309	(1)
Cambridge, Mass.....	151	373,393	378	304,235	529	677,628	53	940,500	163	331,198				
Camden, N. J.....	168	103,135	272	138,093	440	241,228	302	1,950,029	206	576,023				
Canton, Ohio.....	955	1,123,360	615	404,324	1,570	1,527,684	84	1,373,450	51	71,575	3	1,700		
Cedar Rapids, Iowa.....	615	1,209,626	216	243,164	831	1,452,790	50	890,452	33	120,650	1	50,000		
Charleston, S. C.....	225	675,637	112	88,021	337	763,658	189	2,129,785	38	201,570				
Charleston, W. Va.....	280	683,900	73	41,350	353	725,250	67	930,225	36	62,845	2	22,500		
Charlotte, N. C.....	237	757,120	50	99,260	287	856,380	35	1,086,600	35	153,650				
Chattanooga, Tenn.....	56	204,150	1,860	252,776	1,916	456,926	45	553,050	61	189,425			2	32,380
Chelsea, Mass.....	17	38,375	134	86,465	151	124,840	28	353,112	31	68,115				
Chester, Pa.....	109	77,507	89	60,670	198	138,177	132	1,195,380	93	272,525	5	5,950		

City.	Fire-resisting buildings—Concluded.								Miscellaneous.		Grand total.		Rank in cost of building operations.		
	Concrete.				Steel skeleton.				Total.		Number.	Cost.		Number.	Cost.
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.								
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.							
Akron, Ohio.....									998	\$14,652,742			4,253	\$20,347,625	12
Albany, N. Y.....									754	2,663,593			2,057	3,903,159	70
Allentown, Pa.....	28	\$560,000	48	\$166,183					485	2,534,763			662	2,709,710	101
Altoona, Pa.....	7	842,000							98	1,180,114			806	1,586,261	150
Atlanta, Ga.....	34	3,163,425	3	41,650	4	\$378,700	1	\$30,000	495	8,956,859	405	\$171,737	2,617	13,372,666	24
Auburn, N. Y.....	18	113,845			1	55,000			44	304,522			183	517,849	201
Atlantic City, N. J.....	17	1,388,555	18	466,762	1	4,000,000			690	12,601,547			1,442	16,073,998	16
Augusta, Ga.....	1	20,000	1	10,000					28	759,107	2	5,800	1,815	1,840,242	135
Aurora, Ill.....	17	41,700	1	750					84	451,377			307	739,103	184
Baltimore, Md.....	41	4,619,000	284	417,612					13,710	25,929,113	50	853,000	16,293	30,629,881	7
Battle Creek, Mich.....	1	5,000							3	11,400			613	589,790	196
Bayonne, N. J.....	6	521,000							79	2,066,023	48	367,800	409	3,078,949	91
Beaumont, Tex.....	4	150,364			1	80,000			61	623,571			2,451	1,625,902	145
Berkley, Calif.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1,289	3,079,822	90
Bethlehem, Pa.....	9	16,300	1	2,000					109	654,975	5	2,232	243	754,672	183
Binghamton, N. Y.....			(1)	(1)					11	536,950			2,387	1,461,959	156
Birmingham, Ala.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	360	2,020,249			4,168	4,276,474	66
Boston, Mass.....	210	3,291,315	102	661,244	12	1,418,675	13	84,205	2,209	25,480,564	92	109,584	6,426	28,167,668	8
Bridgeport, Conn.....	118	656,535	11	17,500	11	597,000			271	3,653,552			1,206	5,287,641	54
Brockton, Mass.....	5	496,050	2	10,500					36	899,425	20	5,658	685	1,525,659	152
Brookline, Mass.....	46	232,425	7	60,563			2	900	127	1,838,038	25	13,575	273	2,515,038	110
Buffalo, N. Y.....	(1)	(1)	(1)	(1)	12	2,314,000			782	8,356,420			4,563	13,522,100	22
Butte, Mont.....	6	69,250	4	1,575					134	134,028	3	9,500	337	225,380	206
Cambridge, Mass.....	74	3,033,400	57	228,490					347	4,533,588			876	5,211,216	55
Camden, N. J.....					1	25,000			509	2,551,052			949	2,792,280	100
Canton, Ohio.....	14	32,060	3	13,200			6	70,800	161	1,562,785	32	119,980	1,763	3,210,449	89
Cedar Rapids, Iowa.....									84	751,102			915	2,203,892	119
Charleston, S. C.....	2	195,000							229	2,526,355			566	3,290,013	87
Charleston, W. Va.....	24	30,432			4	70,500	1	70,000	134	1,186,502			487	1,911,752	132
Charlotte, N. C.....	5	120,000			3	47,000			78	1,407,250	7	39,950	372	2,303,580	116
Chattanooga, Tenn.....	10	1,663,539	3	8,000					121	2,426,394			2,037	2,883,320	97
Chelsea, Mass.....	26	37,800	9	8,700					94	467,727	4	2,500	249	595,067	195
Chester, Pa.....	13	8,150	1	600	5	357,250	1	21,300	250	1,861,155			448	1,999,332	129

¹ Grand total alone reported.

² Includes repairs for all classes of materials.

³ See notes to details.

⁴ Included with repairs for wooden buildings.

⁵ Includes all fire-resisting buildings.

⁶ Includes repairs for all fire-resisting buildings.

⁷ Included with brick or hollow-tile buildings.

⁸ Included with repairs for brick or hollow-tile buildings.

⁹ Includes stone and concrete buildings.

¹⁰ Includes repairs for stone and concrete buildings.

¹¹ Repairs not included in this total.

TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED—Continued.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Number.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Chicago, Ill.	482	\$1,557,100	1,502	\$506,500	1,984	\$2,063,600	3,100	\$47,156,550	2,096	\$3,673,500				
Chicopee, Mass.	113	514,700	66	62,400	179	577,100	126	951,150						
Cicero, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Cincinnati, Ohio.	1,396	2,014,670	515	682,355	1,911	2,697,025	195	6,609,900	1,200	1,562,160				
Cleveland, Ohio.	6,112	11,414,081	3,795	1,716,788	9,907	13,130,869	939	30,312,631	442	3,002,600				
Columbia, S. C.	267	370,870	663	188,809	930	559,679	29	299,715	50	195,957				
Columbus, Ohio.	1,348	1,442,035	634	318,410	1,982	1,760,445	265	3,306,610	476	1,289,945	4	\$13,750	3	\$13,000
Council Bluffs, Iowa.	315	489,615	108	86,592	423	576,207	33	638,000	23	72,100				
Covington, Ky.	141	192,190	100	46,125	241	238,315	57	179,800	50	96,650				
Dallas, Tex.	1,442	4,886,630	2,952	3,122,337	(8)	(8)	112	4,142,200	(4)	(4)				
Davenport, Iowa.	439	525,463	398	167,729	837	693,192	13	145,000	89	179,660				
Dayton, Ohio.	1,187	1,967,241	595	344,147	1,782	2,311,388	92	900,366	102	284,139				
Decatur, Ill.	384	1,066,950	147	118,850	531	1,185,800	76	1,171,900	31	192,150				
Denver, Colo.	93	127,850	206	21,600	299	149,450	1,573	5,553,710	1,030	940,000				
Des Moines, Iowa.	692	2,184,393	118	112,980	810	2,297,373	85	1,632,475	28	171,750				
Detroit, Mich.	12,913	22,302,165	4,556	2,343,910	17,469	24,646,075	859	12,359,270	761	5,852,400	1	600		
Dubuque, Iowa.	154	247,111	39	82,831	193	329,942	22	40,816						
Duluth, Minn.	986	2,743,350	856	450,210	1,842	3,193,560	30	365,008	66	399,435				
East Chicago, Ind.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
East Orange, N. J.	260	712,230	255	174,887	515	887,117	41	1,254,675	27	350,970				
East St. Louis, Ill.	287	120,981	32	15,261	319	136,242	85	843,487	14	66,228	5	7,625		
Elizabeth, N. J.	359	1,225,496	104	170,665	463	1,396,161	30	675,727	42	355,959			1	200
Elmira, N. Y.	269	330,550	(12)	(12)	269	330,550	9	172,800	(12)	(12)				
El Paso, Tex.	215	164,500	15	2,000	230	166,500	400	2,945,700	50	100,000	40	75,000		
Erie, Pa.	426	649,470	312	299,730	738	949,200	159	356,394	75	945,710				
Evanston, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Evansville, Ind.	575	451,562	388	40,190	963	491,752	245	216,110	19	17,620				
Everett, Mass.	71	97,715	143	101,625	214	199,340	19	225,200	8	126,900	1	2,500	1	100
Fall River, Mass.	203	287,602	263	122,260	466	409,862	42	975,150	13	422,700	7	69,935	5	230,500

City.	Fire-resisting buildings—Concluded.										Miscellaneous.		Grand total.		Rank in cost of building operations.
	Concrete.				Steel skeleton.				Total.		Num- ber.	Cost.	Num- ber.	Cost.	
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.		Number.	Cost.					
	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.							
Chicago, Ill.	57	\$20,824,000	1	\$135,000	7	\$10,625,000	1	\$125,000	5,262	\$82,539,050			7,246	\$84,602,650	2
Chicopee, Mass.									126	951,150			305	1,528,250	151
Cicero, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		(1)	(1)	411	4,323,825	63
Cincinnati, Ohio.	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	1,395	8,202,060			3,306	10,899,085	28
Cleveland, Ohio.									1,413	51,067,731			11,320	64,198,600	4
Columbia, S. C.	1	5,005			32	17,752,500			80	500,677			1,010	1,060,356	172
Columbus, Ohio.	19	2,411,800	9	399,500	5	703,750	5	300,400	786	8,438,755	105	\$57,970	2,873	10,257,170	31
Council Bluffs, Iowa.	15	24,250	1	1,000	1	300,000	1	300	74	1,035,650			497	1,611,857	147
Covington, Ky.									107	276,450			348	514,765	202
Dallas, Tex.	25	1,205,625	(4)	(4)					11 137	11 5,347,825	6	63,950	2,567	13,420,742	23
Davenport, Iowa.	10	188,490			2	270,000			114	783,150			951	1,476,342	153
Dayton, Ohio.	58	2,207,357	11	178,960					263	3,570,822			2,045	5,882,210	52
Decatur, Ill.									107	1,364,050			638	2,549,850	108
Denver, Colo.	1	500,000							2,604	6,993,710			2,903	7,143,160	39
Des Moines, Iowa.	4	216,500							117	2,020,725	1	100	928	4,318,198	64
Detroit, Mich.	242	23,652,475	82	7,531,995	9	3,682,000	1	13,000	1,954	53,091,140			19,423	77,737,215	3
Dubuque, Iowa.									23	41,416			216	371,358	204
Duluth, Minn.	4	103,000	7	256,900	11	2,260,770	8	411,000	126	3,796,113			1,968	6,989,673	40
East Chicago, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		(1)	(1)	167	2,135,153	123
East Orange, N. J.	37	170,111	20	255,835					132	2,034,316	38	14,491	685	2,935,924	94
East St. Louis, Ill.	6	606,400			1	200,000			111	1,723,740	6	12,311	436	1,872,293	134
Elizabeth, N. J.	65	210,956			11	193,055			149	1,438,897			612	2,835,058	99
Elmira, N. Y.	11	495,000	(12)	(12)					20	667,800			289	998,350	175
El Paso, Tex.	5	50,000							495	3,170,700			725	3,337,200	85
Erie, Pa.	38	147,740	14	16,000	10	931,400	2	175,000	298	2,572,244			1,036	3,521,444	79
Evanston, Ill.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		(1)	(1)	398	1,028,951	172
Evansville, Ind.	65	188,170			1	700,000			330	1,121,900	50	20,150	1,343	1,633,802	144
Everett, Mass.	69	230,340	7	12,300			2	3,000	107	598,340	34	18,710	355	816,390	177
Fall River, Mass.	125	1,296,285	4	2,300					196	2,996,870	25	341,850	687	3,748,582	73

¹ Grand total alone reported.

² Includes repairs for all classes of materials.

³ See notes to details.

⁴ Included with repairs for wooden buildings.

⁵ Includes all fire-resisting buildings.

⁶ Includes repairs for all fire-resisting buildings.

⁷ Included with brick or hollow-tile buildings.

⁸ Included with repairs for brick or hollow-tile buildings.

¹¹ Repairs not included in this total.

¹² No repairs reported.

TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED—Continued.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Number.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Fitchburg, Mass.....	167	\$394,962	89	\$74,240	256	\$469,202	12	\$541,000	15	\$539,718	3	\$3,300	.....	.....
Flint, Mich.....	2,413	2,171,000	1,507	831,000	3,920	3,002,000	307	2,127,000	38	24,300	.....	.....	.....	.....
Fort Wayne, Ind.....	544	1,054,430	196	212,877	740	1,267,307	77	810,580	45	172,020	4	12,550	4	\$3,800
Fort Worth, Tex.....	1,196	3,695,712	568	280,680	1,764	3,976,392	140	4,192,473	236	357,710	.....	.....	.....	.....
Galveston, Tex.....	390	172,857	2,817	186,073	3,207	358,930	12	83,450	331	136,803	.....	.....	.....	.....
Gary, Ind.....	361	1,259,920	2 215	340,319	.....	.....	134	1,655,640	(4)	(4)	.....	.....	.....	.....
Grand Rapids, Mich.....	1,087	1,041,530	491	321,090	1,578	1,362,620	78	2,249,450	94	366,230	.....	.....	.....	.....
Hamilton, Ohio.....	359	917,263	164	194,630	523	1,111,893	23	253,104	39	81,706	.....	.....	.....	.....
Hammond, Ind.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Hamtramck, Mich.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Harrisburg, Pa.....	98	168,935	62	62,425	160	231,360	127	545,231	128	396,613	3	24,000	.....	.....
Hartford, Conn.....	295	1,015,409	787	619,376	1,082	1,634,785	146	18,447,144	183	570,066	.....	.....	1	7,870
Haverhill, Mass.....	246	425,650	55	103,400	301	529,050	7	108,850	12	69,400	1	250	(1)	(1)
Highland Park, Mich.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Hoboken, N. J.....	21	36,880	73	79,333	94	116,213	23	309,000	97	497,006	.....	.....	.....	.....
Holyoke, Mass.....	166	420,600	86	39,695	252	460,295	45	2,315,000	61	231,900	.....	.....	.....	.....
Houston, Tex.....	1,100	3,386,588	173	246,410	1,273	3,632,998	47	415,725	10	102,475	.....	.....	.....	.....
Huntington, W. Va.....	521	577,502	144	50,730	665	628,232	162	1,069,655	39	178,400	8	146,950	.....	.....
Indianapolis, Ind.....	2,083	3,425,553	3,822	1,850,388	5,905	5,275,941	90	1,824,267	400	200,000	.....	.....	.....	.....
Jackson, Mich.....	623	691,468	419	106,805	1,042	798,273	9	157,950	27	121,388	1	550	1	2,600
Jacksonville, Fla.....	251	877,999	75	213,780	326	1,091,779	75	1,022,000	71	752,110	.....	.....	4	11,500
Jamestown, N. Y.....	83	211,924	(12)	(12)	83	211,924	6	316,858	(12)	(12)	.....	.....	.....	.....
Jersey City, N. J.....	69	211,581	440	470,911	509	682,492	243	2,507,074	238	909,645	.....	.....	.....	.....
Johnstown, Pa.....	274	1,415,000	185	185,000	459	1,600,000	150	2,710,000	70	350,000	.....	.....	.....	.....
Kalamazoo, Mich.....	291	641,114	118	106,772	409	747,886	31	273,173	18	74,200	.....	.....	.....	.....
Kansas City, Kans.....	144	422,660	2 283	228,635	(3)	(3)	21	420,000	(4)	(4)	4	185,000	(4)	(4)
Kansas City, Mo.....	1,180	4,063,100	1,548	706,655	2,728	4,769,755	217	3,251,655	706	1,526,680	.....	.....	.....	.....
Kenosha, Wis.....	574	1,171,839	2 861	688,835	(3)	(3)	30	330,100	(4)	(4)	.....	.....	.....	.....
Knoxville, Tenn.....	171	432,760	692	215,710	863	648,470	41	672,562	76	379,634	.....	.....	.....	.....
Lakewood, Ohio.....	640	3,214,244	85	415,219	725	3,629,463	60	203,000	.....	.....	2	240,000	2	8,000

City.	Fire-resisting buildings—Concluded.								Miscellaneous.		Grand total.		Rank in cost of building operations.		
	Concrete.				Steel skeleton.				Total.		Num- ber.	Cost.		Num- ber.	Cost.
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.		Number.	Cost.					
	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.							
Fitchburg, Mass.	34	\$168,075	2	\$1,100					66	\$1,253,193			322	\$1,722,395	140
Flint, Mich.	48	1,227,430	4	34,840	8	\$4,127,955			405	7,541,525			4,325	10,543,525	29
Fort Wayne, Ind.	9	8,860	8	6,725	6	603,100	1	\$45,000	154	1,662,635			894	2,929,942	95
Fort Worth, Tex.	23	858,965			2	750,000			401	6,159,148	69	\$237,837	2,234	10,373,377	30
Galveston, Tex.	4	65,125	1	200					348	285,578	7	24,100	3,562	668,608	190
Gary, Ind.	27	23,645	(¹)	(¹)					¹¹ 161	¹¹ 1,679,285			737	3,279,524	88
Grand Rapids, Mich.	25	463,450							197	3,079,130	4	6,950	1,779	4,448,700	62
Hamilton, Ohio	3	17,653							65	352,463			588	1,464,356	154
Hammond, Ind.	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	449	2,018,265	128
Hamtramck, Mich.	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	943	4,748,539	59
Harrisburg, Pa.	28	257,650							286	1,223,494			446	1,454,854	157
Hartford, Conn.	9	12,850							339	19,037,930	84	18,609	1,505	20,691,324	11
Haverhill, Mass.	35	299,200	1	30,000	1	100,000			57	607,700			358	1,136,750	170
Highland Park, Mich.	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	751	2,295,127	117
Hoboken, N. J.	5	203,150			1	850,000			126	1,859,156			220	1,975,369	130
Holyoke, Mass.					3	445,000			109	2,991,900			361	3,452,195	81
Houston, Tex.	50	3,570,913	7	60,300			2	900	116	4,150,313	15	46,575	1,404	7,829,886	37
Huntington, W. Va.	46	263,620	3	2,650	6	109,800			264	1,771,075			929	2,399,307	115
Indianapolis, Ind.	118	264,250	100	40,000	61	6,979,304	15	10,000	784	9,317,821			6,689	14,593,762	18
Jackson, Mich.	11	96,420	1	3,000			2	20,000	52	401,908	3	23,000	1,097	1,223,181	168
Jacksonville, Fla.	4	43,700							154	1,829,310			480	2,921,089	96
Jamestown, N. Y.									6	316,858			89	528,782	199
Jersey City, N. J.	65	2,052,173	24	929,324			14	186,345	584	6,584,561	63	191,796	1,156	7,458,849	38
Johnstown, Pa.	60	600,000	30	60,000	1	680,000			311	4,400,000			770	6,000,000	51
Kalamazoo, Mich.	19	295,934	6	4,900					74	648,207			483	1,396,093	159
Kansas City, Kans.					1	24,000	(¹)	(¹)	¹¹ 26	¹¹ 629,000			453	1,280,295	164
Kansas City, Mo.	20	896,780	97	127,985	5	2,194,000			¹¹ 31	¹¹ 7,997,100	643	755,410	4,416	13,522,265	21
Kenosha, Wis.					1	382,000	(¹)	(¹)	¹¹ 31	¹¹ 712,100			1,466	2,572,774	106
Knoxville, Tenn.	11	768,375							128	1,820,571			991	2,469,041	111
Lakewood, Ohio.	9	128,000							73	579,000	7	20,500	805	4,228,963	67

¹ Grand total alone reported.

² Includes repairs for all classes of materials.

³ See notes to details.

⁴ Included with repairs for wooden buildings.

¹¹ Repairs not included in this total.

¹² No repairs reported.

GENERAL TABLES.

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TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED—Continued.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Num-ber.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.
Lancaster, Pa.	20	\$3,035	25	\$43,219	45	\$51,254	106	\$756,862	230	\$388,969				
Lansing, Mich.	1,022	1,362,805	239	118,370	1,261	1,481,175	65	545,000						
Lawrence, Mass.	149	758,075	162	293,781	311	1,051,856	19	972,300	36	218,320				
Lexington, Ky.	275	210,755	354	92,121	629	302,876	79	1,017,600	137	191,778	2	\$140,000	3	\$7,200
Lima, Ohio.	99	150,000	15	3,000	114	153,000	10	400,000	3	105,325				
Lincoln, Nebr.	343	693,285	107	89,568	450	782,853	50	1,236,250	21	45,850				
Little Rock, Ark.	566	1,362,708	890	467,154	1,456	1,829,862	18	807,794	* 325	* 249,777	1	1,000	(*)	(*)
Long Beach, Calif.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Lorain, Ohio.	233	400,609	243	118,143	476	518,752	28	487,300	49	124,261				
Los Angeles, Calif.	18,066	34,335,442	4,858	2,940,104	22,924	37,275,546	508	5,886,291	1,302	3,799,155				
Louisville, Ky.	594	2,917,100	1,183	348,035	1,777	3,265,135	206	3,316,300	510	404,825				
Lowell, Mass.	329	499,165	432	279,610	761	778,775	86	1,018,410	71	395,690				
Lynn, Mass.	313	515,738	253	45,657	566	561,395	20	130,100	27	67,700	2	8,200	2	42,500
McKeesport, Pa.	110	195,711	71	39,525	181	235,236	49	255,150	* 14	* 178,275	1	120,000	(*)	(*)
Macon, Ga.	168	214,337	453	197,338	621	411,675	27	658,993	84	237,601				
Madison, Wis.	290	487,005	124	102,270	414	589,275	27	315,650	32	98,355	1	2,000		
Malden, Mass.	137	181,500	183	109,565	320	291,065	5	506,000	30	124,550				
Manchester, N. H.	302	219,010	437	276,446	739	495,456	13	1,959,899	29	150,125	2	1,300		
Medford, Mass.	140	333,345	45	120,605	185	453,951	9	695,650	5	47,500	6	2,675		
Memphis, Tenn.	690	2,194,250	637	821,655	1,327	3,015,905	88	1,710,650	138	990,710				
Milwaukee, Wis.	2,233	4,768,416	1,332	861,520	3,565	5,629,936	321	1,537,696	139	1,138,788				
Minneapolis, Minn.	3,263	4,853,635	2,373	1,187,280	5,636	6,040,915	135	2,352,725	486	929,475			15	21,795
Mobile, Ala.	87	171,340	40	30,675	127	202,015	29	241,550	9	16,400				
Montgomery, Ala.	139	90,944	916	177,828	1,055	268,772	18	111,090	123	84,713			2	3,500
Mount Vernon, N. Y.	296	1,452,972	93	125,665	389	1,578,637	42	302,720	33	265,210	1	600		
Muncie, Ind.	80	147,050	30	28,950	110	176,000	13	28,950	7	4,650				
Muskegon, Mich.	611	773,802	420	139,877	1,031	913,679	3	305,200						
Nashville, Tenn.	236	245,473	861	169,002	1,097	414,475	105	715,460	568	569,718	1	8,000		
Newark, N. J.	500	2,446,992	682	737,445	1,182	3,184,437	450	14,284,798	439	1,740,094	2	1,800		
New Bedford, Mass.	193	1,221,200	145	427,300	338	1,648,500	372	3,201,896						
New Britain, Conn.	253	669,589	423	188,896	676	858,485	84	1,582,775	3	22,220	3	20,900		

City.	Fire-resisting buildings—Concluded.								Miscellaneous.		Grand total.		Rank in cost of build- ing opera- tions.		
	Concrete.				Steel skeleton.				Total.		Num- ber.	Cost.		Num- ber.	Cost.
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.		Number.	Cost.					
	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.							
Lancaster, Pa.	31	\$76,833							367	\$1,222,664			412	\$1,273,918	165
Lansing, Mich.	6	49,000							71	594,000			1,332	2,075,175	125
Lawrence, Mass.	131	294,815	4	\$11,700					190	1,497,135			501	2,548,991	109
Lexington, Ky.	3	21,700	1	10,000	5	\$365,300			230	1,753,578			859	2,056,454	127
Lima, Ohio.	1	175							14	506,500			128	658,500	191
Lincoln, Nebr.	12	15,650	3	29,892					86	1,327,642			536	2,110,495	124
Little Rock, Ark.	3	850,000	(⁶)	(⁶)					347	1,908,571			1,803	3,738,433	74
Long Beach, Calif.	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	266	614,000	193
Lorain, Ohio.	13	9,280	6	8,500			2	\$75,500	98	704,841			574	1,225,593	167
Los Angeles, Calif.	108	6,672,809	162	474,894	3	4,170,000	163	474,895	2,246	21,478,044	385	\$1,270,010	25,555	60,023,600	5
Louisville, Ky.									716	3,721,125			2,493	6,986,260	41
Lowell, Mass.					5	2,536,500	1	252,000	163	4,202,600			924	4,981,375	57
Lynn, Mass.	27	83,355	10	32,355			2	2,000	90	416,510	38	48,770	694	1,026,675	174
McKeesport, Pa.	2	800	(⁶)	(⁶)			(⁶)	(⁶)	66	554,225	7	28,120	254	817,581	176
Macon, Ga.	10	111,000	2	1,403					123	1,008,997			744	1,420,672	158
Madison, Wis.	23	245,910			7	548,645			90	1,210,560			504	1,799,835	139
Malden, Mass.	87	227,860	(¹)	(¹)					122	858,410			442	1,149,475	169
Manchester N. H.	2	4,300							46	2,115,624	5	1,715	790	2,612,795	104
Medford, Mass.	116	237,329	36	19,419			1	2,000	172	1,002,573	18	6,000	375	1,462,524	155
Memphis, Tenn.	9	454,000							236	3,157,360			1,563	6,173,265	49
Milwaukee, Wis.	176	4,992,978	18	1,290,190			11	144,950	665	9,104,602	99	110,992	4,329	14,845,530	19
Minneapolis, Minn.	230	5,819,320	113	477,470			21	114,425	1,000	9,715,210	29	158,700	6,665	15,914,825	17
Mobile Ala.	2	153,000							40	410,950			167	612,965	194
Montgomery, Ala.			5	1,000					148	200,303			1,203	469,075	203
Mount Vernon, N. Y.	8	8,340							84	576,870			473	2,155,507	122
Muncie, Ind.									20	33,600			130	209,600	207
Muskegon, Mich.	16	432,700			1	153,000			20	890,900			1,051	1,804,579	138
Nashville, Tenn.	2	58,575			3	180,000			679	1,531,753			1,776	1,946,228	131
Newark, N. J.	162	2,788,788	53	176,791			23	38,198	1,129	19,030,469	314	382,750	2,625	22,597,656	10
New Bedford Mass.					39	1,315,404			411	4,517,300			749	6,185,800	48
New Britain, Conn.	8	21,150							98	1,647,045	11	66,852	785	2,572,382	107

¹ Grand total alone reported.² Included with repairs for wooden buildings.³ Includes repairs for all fire-resisting buildings.⁴ Included with repairs for brick or hollow-tile buildings.

TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED—Continued.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Number.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
New Castle, Pa.	172	\$784,600	(12)	(12)	172	\$784,600	85	\$872,628	(12)	(12)	6	\$72,000	(12)	(12)
New Haven, Conn.	469	1,066,044	430	\$355,493	899	1,421,537	180	2,683,645	290	\$1,029,161	18	106,300	7	\$32,300
New Orleans, La.	958	2,636,444	543	1,196,358	1,501	3,832,802	2	741,099	(1)	(1)	(1)	(1)	(1)	(1)
Newport News, Va.	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
New Rochelle, N. Y.	229	1,853,083	140	284,214	369	2,137,297	10	238,500	42	47,405				
Newton, Mass.	366	1,444,764	177	176,215	543	1,620,979	44	1,011,355	18	110,910				
New York:														
Brooklyn.	4,750	12,375,040	2,016	2,823,187	6,766	15,198,227	4,546	43,951,592	3,426	8,966,565				
Bronx.	368	2,021,325	431	920,230	799	2,941,555	672	16,207,725	253	1,942,200	18	106,300	7	\$32,300
Manhattan.	338	151,949	39	91,500	377	243,449	249	8,822,551	3,496	26,915,361				
Queens.	3,436	16,456,910	2,645	1,645,900	6,081	18,102,810	3,478	21,635,638	683	2,902,024				
Richmond.	1,934	4,323,819	656	1,355,322	2,590	5,679,141	49	432,627	7	28,450	3	7,300	1	4,000
Niagara Falls, N. Y.	359	734,912	254	292,454	613	1,027,366	70	1,558,549	6	10,781				
Norfolk, Va.	523	1,360,200	230	237,320	753	1,597,520	117	1,650,459	131	310,608				
Oakland, Calif.	2,617	4,614,410	1,757	1,461,870	4,274	6,076,280	62	655,225	11	47,275				
Oak Park, Ill.	560	955,495	129	128,199	689	1,083,694	92	954,317	11	21,200				
Oklahoma City, Okla.	1,054	3,285,961	503	1,029,450	(9)	(9)	64	1,328,850	(4)	(4)	3	6,700	(4)	(4)
Omaha, Nebr.	838	2,305,405	177	236,405	1,015	2,591,810	5201	6,778,700	125	1,832,715	(7)	(7)	(8)	(8)
Passaic, N. J.	137	379,500	64	63,715	201	443,215	82	1,009,370	55	141,450				
Paterson, N. J.	266	761,615	911	317,254	1,177	1,078,869	88	1,509,305	88	333,112				
Pawtucket, R. I.	305	481,290	144	80,120	449	561,410	30	767,200	45	248,405			1	250
Peoria, Ill.	413	626,585	445	220,681	861	847,266	51	377,250	58	137,450				
Perth Amboy, N. J.	43	138,401	37	56,445	80	194,846	39	158,795	11	29,625				
Philadelphia, Pa.	68	275,600	10	5,200	78	280,800	2,727	20,629,250	7,072	12,874,995	15	48,300	21	21,000
Pittsburgh, Pa.	1,228	2,449,368	1,040	1,619,200	2,268	4,068,568	911	7,631,808	425	1,161,915	18	408,325	13	24,439
Pittsfield, Mass.	132	233,762	27	17,825	159	251,587	8	179,350	9	81,000				
Portland, Me.	283	316,910	268	247,696	551	564,606	12	94,600	76	732,415				
Portland, Oreg.	3,894	4,717,835	5,143	1,508,915	9,037	6,226,750	108	2,098,905	712	824,045				
Portsmouth, Va.	188	269,316	180	121,176	368	390,492	12	125,925	47	147,036	1	20,000		

City.	Fire-resisting buildings—Concluded.								Miscellaneous.		Grand total.		Rank in cost of building operations.		
	Concrete.				Steel skeleton.				Total.		Number.	Cost.		Number.	Cost.
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.		Number.	Cost.					
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.			Number.	Cost.			
New Castle, Pa.....	5	\$25,000	(²)	(¹²)	1	\$80,000	(¹²)	(¹²)	11 97	11 \$1,049,628	.....	.....	269	\$1,834,228	136
New Haven, Conn.....									470	3,712,806	.....	.....	1,369	5,134,343	56
New Orleans, La.....	29	1,134,496	2	\$771,000	6	4,448,199	(¹)	(¹)	39	7,094,794	(¹)	(¹)	1,540	10,927,596	27
Newport News, Va....	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	164	650,000	192
New Rochelle, N. Y....	2	130,000							54	415,905	8	\$35,650	431	2,588,852	105
Newton, Mass.....	45	126,800	6	3,925					113	1,252,990	.....	.....	656	2,873,969	98
New York															
Brooklyn.....									7,972	52,918,157	.....	.....	14,738	68,116,384	1
Bronx.....	34	199,450	3	10,700			1	\$1,500	988	18,500,175	23	50,800	1,510	21,492,530	
Manhattan.....					196	87,225,360	473	15,992,842	4,414	138,956,114	.....	.....	4,791	139,199,563	
Queens.....									4,161	24,537,662	10	18,165	10,242	42,640,472	
Richmond.....	30	56,730	9	19,475			1	500	100	549,082	10	18,165	2,700	6,246,388	
Niagara Falls, N. Y....	18	810,350	1	1,000					95	2,380,680	22	265,500	730	3,673,546	76
Norfolk, Va.....	9	925,400	19	156,605					276	3,043,072	.....	.....	1,029	4,640,592	61
Oakland, Calif.....	82	2,530,048	1	50,000					156	3,282,548	12	42,940	4,442	9,401,768	34
Oak Park, Ill.....									103	975,517	.....	.....	792	2,059,211	126
Oklahoma City, Okla.	29	229,775	(¹)	(¹)	(⁷)	(⁷)	(⁸)	(⁸)	11 96	11 1,565,325	21	170,125	1,674	6,050,861	50
Omaha, Neb.....	(⁷)	(⁷)	(⁸)	(⁸)	(⁷)	(⁷)	(⁸)	(⁸)	326	8,611,415	18	232,745	1,359	11,435,970	26
Passaic N. J.....									137	1,150,820	.....	.....	338	1,594,035	149
Paterson, N. J.....	115	610,174	13	137,970			2	700	306	2,591,261	28	15,855	1,511	3,685,985	75
Pawtucket, R. I.....	28	152,800	6	11,200	1	70,000			111	1,249,855	.....	.....	560	1,811,265	137
Peoria, Ill.....	57	66,512	10	8,550	2	197,000	1	50,000	179	836,762	.....	.....	1,040	1,684,028	142
Perth Amboy, N. J.....	2	150,000			1	136,000			53	474,420	.....	.....	133	699,266	189
Philadelphia, Pa.....	35	10,295,500	11	930,000	17	4,425,200	17	4,669,000	9,915	53,893,245	.....	.....	9,993	54,174,045	6
Pittsburgh, Pa.....	318	2,941,254	28	33,983	8	284,882			1,721	12,486,606	.....	.....	3,989	16,555,174	15
Pittsfield, Mass.....	22	15,825	2	600					41	276,775	.....	.....	200	528,362	200
Portland, Me.....									88	827,015	.....	.....	639	1,391,621	160
Portland, Oreg.....	28	2,402,975	103	297,445					951	5,623,370	.....	.....	9,988	11,850,120	25
Portsmouth, Va.....									60	292,961	.....	.....	428	683,453	188

¹ Grand total alone reported.² Includes repairs for all classes of materials.³ See notes to details.⁴ Included with repairs for wooden buildings.⁵ Includes all fire-resisting buildings.⁶ Includes repairs for all fire-resisting buildings.⁷ Included with brick or hollow-tile buildings.⁸ Included with repairs for brick or hollow-tile buildings.⁹ Repairs not included in this total.¹⁰ No repairs reported.

TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED—Continued.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Number.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Poughkeepsie, N. Y.	95	\$237,495	58	\$63,060	153	\$300,555	21	\$399,700	22	\$51,850	3	\$1,000		
Providence, R. I.	791	2,232,200	2,611	1,284,100	3,402	3,516,300	98	3,477,700	189	1,889,100			1	\$1,000
Pueblo, Colo.	257	142,736	118	47,859	375	190,595	75	379,742	72	97,155				
Quincy, Ill.	4	8,100	(1)	(1)	11 4	11 8,100	17	260,400	(1)	(1)				
Quincy, Mass.	344	605,932	155	99,185	499	705,117	18	277,050	11	17,675	12	5,100	3	2,350
Racine, Wis.	578	1,170,768	435	488,584	1,013	1,659,352	27	1,097,150	153	312,708				
Reading, Pa.	404	261,650	148	32,175	552	293,825	160	1,408,175	1,712	791,975	2	39,000	63	19,550
Richmond, Va.	402	688,626	1,033	1,752,968	1,435	2,441,594	456	4,100,130	147	377,554				
Roanoke, Va.	361	519,110	301	75,760	662	594,870	40	514,500	57	126,635				
Rochester, N. Y.	1,705	2,372,169	1,939	707,687	2,744	3,079,856	97	2,457,485	199	920,419				
Rockford, Ill.	527	790,710	621	227,485	1,148	1,018,195	112	925,190	154	244,420				
Rock Island, Ill.	298	241,920	379	87,890	677	329,750	2	60,000	4	37,200				
Sacramento, Calif.	539	1,218,395	832	373,582	1,371	1,591,977	47	646,280	285	454,536				
Saginaw, Mich.	1,315	1,242,762	624	237,131	1,939	1,479,893	56	807,707	172	127,283	1	4,000		
St. Joseph, Mo.	266	502,810	178	164,255	444	667,065	101	662,975	66	82,025	(1)	(1)	(1)	(1)
St. Louis, Mo.	3,045	792,393	2,224	545,100	5,269	1,337,493	* 1,042	* 12,329,385	* 2,339	* 3,827,200	(1)	(1)	(1)	(1)
St. Paul, Minn.	1,748	5,306,702	725	230,626	2,473	5,537,328	* 80	* 3,425,838	* 131	* 319,445	(1)	(1)	(1)	(1)
Salem, Mass.	86	141,010	524	304,972	610	445,982	12	41,200	3	14,500				
Salt Lake City, Utah.	207	128,158	130	84,815	337	212,973	300	2,931,425	153	239,205	1	1,500		
San Diego, Calif.	1,207	2,285,081	874	346,546	2,081	2,631,627	51	506,985	227	170,226				
San Francisco, Calif.	961	5,843,792	* 4,412	* 4,483,792	(1)	(1)			(1)	(1)	26	4,313,700	(1)	(1)
Savannah, Ga.	406	1,400,250	68	99,000	474	1,499,250	20	1,509,000	8	17,600				
Schenectady, N. Y.	271	574,049	147	63,836	418	637,885	18	552,000	32	187,640	15	48,750		
Scranton, Pa.	304	339,289	177	255,820	481	594,609	48	1,249,550	19	140,955				
Seattle, Wash.	4,543	5,589,340	4,250	1,387,985	8,793	6,987,325	94	2,219,990	638	698,140				
Shreveport, La.	1,208	2,803,785	* 1,081	* 611,555	(1)	(1)	84	1,099,900	(1)	(1)				
Somerville, Mass.	29	118,725	191	131,251	220	249,976	8	136,100	8	21,700	1	1,000		
South Bend, Ind.	1,092	1,711,728	317	102,287	1,409	1,814,015	44	375,072	26	125,275	1	7,000		
Spokane, Wash.	901	692,054	581	196,540	1,482	888,594	34	1,714,073	94	320,715				

City.	Fire-resisting buildings—Concluded.								Miscellaneous.		Grand total.		Rank in cost of building operations.		
	Concrete.				Steel skeleton.				Total.		Num- ber.	Cost.		Num- ber.	Cost.
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.		Number.	Cost.					
	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.	Num- ber.	Cost.							
Poughkeepsie, N. Y.	18	\$10,950	1	\$2,000					65	\$465,500			218	\$766,055	181
Providence, R. I.	301	1,100,500	50	25,000			3	\$5,900	642	6,499,200	29	\$18,700	4,073	10,034,200	32
Pueblo, Colo.	39	56,855	2	3,000					188	536,752	47	11,723	610	739,070	185
Quincy, Ill.									12 17	12 260,400			12 21	12 268,500	205
Quincy, Mass.	46	157,850	8	3,650	1	\$150,000			99	613,675			598	1,318,792	163
Racine, Wis.	9	20,510			16	1,115,164	5	46,800	212	2,631,332			1,225	4,290,684	65
Reading, Pa.	45	549,075	13	55,875					2,010	3,047,225	2	850	2,564	3,341,900	84
Richmond, Va.									603	4,477,684			2,038	6,919,278	42
Roanoke, Va.									97	641,135			759	1,236,005	166
Rochester, N. Y.	157	1,488,165	91	99,420	34	1,861,600			578	6,827,089			3,322	9,906,945	33
Rockford, Ill.	6	209,200	9	18,900					281	1,397,710			1,429	2,415,905	114
Rock Island, Ill.	2	5,700			3	100,000			11	202,900	1	11	689	532,661	198
Sacramento, Calif.	18	812,410	11	6,440					361	1,919,666	1	5,000	1,733	3,516,643	80
Saginaw, Mich.	7	278,600							236	1,217,590			2,175	2,697,483	102
St. Joseph, Mo.					3	735,000			170	1,480,000	88	18,920	702	2,165,985	121
St. Louis, Mo.	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	3,431	16,356,585			8,700	17,694,078	14
St. Paul, Minn.	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	211	3,745,278			2,684	9,282,606	36
Salem, Mass.	28	38,250	1	1,000					45	96,450	16	5,290	671	547,722	197
Salt Lake City, Utah.	17	255,750			2	140,000	1	60,000	473	3,626,380			810	3,839,353	72
San Diego, Calif.	12	71,325	30	13,895	1	48,000			321	810,431			2,402	3,442,058	82
San Francisco, Calif.	213	5,809,775	(2)	(2)	14	6,279,500	(4)	(4)	12 253	12 16,402,975			5,626	26,730,559	9
Savannah, Ga.	5	995,000							33	2,521,600			507	4,020,850	68
Schenectady, N. Y.	60	192,984	6	2,885	1	800,000	1	42,824	133	1,827,083			551	2,464,968	112
Scranton, Pa.	3	1,032,000							70	2,422,505			551	3,017,114	93
Seattle, Wash.	69	3,080,275	108	645,075					909	6,643,480			9,702	13,630,805	20
Shreveport, La.	2	171,400	(4)	(4)	2	1,000,000	(4)	(4)	12 38	12 2,271,300			2,277	5,686,620	53
Somerville, Mass.	146	976,040	4	1,275					167	1,136,115	7	3,015	394	1,389,106	161
South Bend, Ind.	72	88,849			15	1,178,120			158	1,774,316			1,567	3,588,331	78
Spokane, Wash.	6	109,850	1	500					135	2,145,140	4	2,600	1,621	3,036,334	92

² Includes repairs for all classes of materials.

³ See notes to details.

⁴ Included with repairs for wooden buildings.

⁵ Includes all fire-resisting buildings.

⁶ Includes repairs for all fire-resisting buildings.

⁷ Included with brick or hollow-tile buildings.

⁸ Included with repairs for brick or hollow-tile buildings.

⁹ Repairs not included in this total.

¹⁰ No repairs reported.

TABLE B.—NUMBER AND PROPOSED COST OF BUILDINGS (NEW CONSTRUCTION, ADDITIONS, ALTERATIONS, AND REPAIRS) COVERED BY PERMITS ISSUED IN 1920, BY PRINCIPAL MATERIAL USED—Concluded.

City.	Wooden buildings.						Fire-resisting buildings.							
	New.		Additions, alterations, and repairs.		Total.		Brick or hollow tile.				Stone.			
	Number.	Cost.	Number.	Cost.	Number.	Cost.	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.	
							Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Springfield, Ill.	209	\$310,150	569	\$241,580	778	\$551,730	48	\$1,422,615	62	\$115,420	(7)	(7)	(8)	(8)
Springfield, Mass.	567	1,295,560	283	226,271	850	1,521,831	⁵ 331	⁵ 1,687,403	⁶ 197	⁶ 1,278,570	(7)	(7)	(8)	(8)
Springfield, Ohio.	196	350,000	128	210,000	324	560,000	16	120,000	10	20,000				
Stamford, Conn.	259	530,663	131	112,205	390	642,868	33	556,761	41	117,035	1	\$15,000	1	\$1,500
Stockton, Calif.	509	890,229	231	191,608	740	1,081,837	33	761,491	64	207,281				
Superior, Wis.	272	239,385	388	1,174,971	660	1,414,356	3	27,300	80	69,690	1	55,000		
Syracuse, N. Y.	808	1,628,950	916	588,695	1,724	2,217,645	334	3,042,135	123	1,655,900				
Tacoma, Wash.	1,426	1,367,404	1,558	607,444	2,984	1,974,848	2	158,000	50	100,000				
Tampa, Fla.	306	617,005	601	244,542	907	861,547	54	710,150	103	242,695				
Terre Haute, Ind.	236	283,632	368	179,008	604	462,640	24	58,225	34	54,910				
Toledo, Ohio.	1,470	2,409,167	1,141	1,023,473	2,611	3,432,640	182	2,974,079	88	325,547				
Topeka, Kans.	301	274,089	127	67,140	428	341,229	13	234,715	15	148,250	10	18,900	22	70,700
Trenton, N. J.	325	244,000	322	228,880	647	472,880	150	1,158,000	130	576,000			40	100,000
Troy, N. Y.	37	88,225	180	190,108	217	278,333	10	151,000	139	262,853				
Tulsa, Okla.	877	4,213,356	321	333,225	1,198	4,546,581	358	2,680,251	82	116,285				
Utica, N. Y.	409	672,332	236	199,927	645	872,259	33	896,000	65	351,420	1	3,000		
Washington, D. C.	435	1,608,329	960	236,882	1,395	1,845,211	1,131	13,111,232	1,763	2,529,032	2	1,250		
Waterbury, Conn.	446	1,028,650	261	297,810	707	1,326,460	84	1,122,230	131	717,650	31	74,500	2	3,500
Waterloo, Iowa.	315	581,713	377	162,145	692	743,858	⁵ 35	⁶ 1,012,800	⁶ 20	⁶ 96,100	(7)	(7)	(8)	(8)
West Hoboken, N. J.	20	35,025	127	103,594	147	138,619	26	423,485	3	10,500	3	5,500		
Wheeling, W. Va.	187	338,819	292	114,988	479	453,807	52	196,065	45	69,850				
Wichita, Kans.	819	1,597,169	660	217,452	1,479	1,814,621	70	588,637	40	107,505	149	206,840	8	9,325
Wilkes-Barre, Pa.	114	79,446	367	484,070	481	563,516	50	420,709	11	29,455				
Williamsport, Pa.	78	157,184	96	81,100	174	238,284	22	178,150	21	108,800	3	8,800		
Wilmington, Del.	159	274,375	398	503,626	557	778,001	210	1,665,943	386	629,060				
Winston-Salem, N. C.	448	849,308	764	313,245	1,212	1,162,553	69	1,649,075	80	284,500				
Woonsocket, R. I.	230	534,197	104	78,805	334	613,002	17	791,700	8	52,800	1	1,200	1	1,700
Worcester, Mass.	895	2,063,655	² 994	² 2,375,014	(8)	(8)	⁵ 312	⁵ 2,309,417	(4)	(4)	(7)	(7)	(4)	(4)
Yonkers, N. Y.	372	2,510,500	87	205,000	459	2,715,500	109	1,782,800	35	162,000	23	86,700	10	11,900
York, Pa.	175	96,794	236	36,233	411	133,027	33	298,960	282	235,999			1	500
Youngstown, Ohio.	931	1,630,585	255	153,870	1,186	1,784,455	105	1,342,325	29	74,900			2	10,290
Total	156,620	321,168,219	² 130,438	² 86,918,991	² 268,893	² 372,544,042	² 41,801	² 524,298,872	² 58,013	² 153,518,814	² 511	² 7,954,975	² 391	² 1,544,002

City.	Fire-resisting buildings—Concluded.								Miscellaneous.		Grand total.		Rank in cost of building operations.		
	Concrete.				Steel skeleton.				Total.		Number.	Cost.		Number.	Cost.
	New.		Additions, alterations, and repairs.		New.		Additions, alterations, and repairs.		Number.	Cost.					
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.							
Springfield, Ill.	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	110	\$1,538,035	275	\$112,480	1,163	\$2,202,245	12
Springfield, Mass.	23	\$2,078,450	8	\$108,800					559	5,153,223			1,409	6,675,054	46
Springfield, Ohio.	32	70,000	23	30,000					81	240,000			405	800,000	179
Stamford, Conn.	17	386,100	3	800					96	1,077,196			486	1,720,064	141
Stockton, Calif.	13	195,405	5	2,450					115	1,166,627			855	2,248,464	118
Superior, Wis.	1	27,000	5	23,050					90	202,040			750	1,616,396	146
Syracuse, N. Y.									457	4,698,035			2,181	6,915,680	43
Tacoma, Wash.	25	438,600			2	\$2,000,000			79	2,696,600			3,063	4,671,448	60
Tampa, Fla.	3	850,000							160	1,802,845			1,067	2,664,392	103
Terre Haute, Ind.	20	39,692			2	131,600			80	284,427	38	10,162	722	757,229	182
Toledo, Ohio.									270	3,299,626			2,881	6,732,266	45
Topeka, Kans.	6	332,000			2	512,000			68	1,316,565			496	1,657,794	143
Trenton, N. J.	125	1,150,000	50	128,000	55	2,527,000	70	\$308,000	620	5,947,000			1,267	6,419,850	47
Troy, N. Y.	7	4,795							156	418,648			373	696,981	187
Tulsa, Okla.	65	1,717,507			10	323,862			515	4,837,905			1,713	9,384,486	35
Utica, N. Y.	14	19,650	11	70,100	2	33,000			126	1,373,170	12	200,000	783	2,445,429	113
Washington, D. C.	46	212,015	5	194,200					2,947	16,047,729			4,342	17,892,940	13
Waterbury, Conn.	24	169,500	1	150	8	554,800	2	300	283	2,642,630			990	3,969,090	69
Waterloo, Iowa.	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	55	1,108,900	4	34,300	751	1,887,058	133
West Hoboken, N. J.	14	188,905							46	628,390	1	700	194	767,709	180
Wheeling, W. Va.	3	1,650	5	10,900	5	349,500			110	627,965			589	1,081,772	171
Wichita, Kans.	18	1,030,000	1	30,000	3	82,000			289	2,054,307	9	6,035	1,777	3,874,963	71
Wilkes-Barre, Pa.	31	87,947	2	3,200	1	241,000			95	782,311	2	2,200	578	1,348,027	162
Williamsport, Pa.	9	45,700	11	38,760	1	20,000			67	400,210	5	175,300	246	813,794	178
Wilmington, Del.					2	551,000			598	2,846,003	3	41,500	1,158	3,665,504	77
Winston-Salem, N. C.	20	334,400	3	9,600					172	2,277,575			1,384	3,440,128	83
Woonsocket, R. I.	18	37,500	3	11,500	1	100,000			49	996,400			383	1,609,402	148
Worcester, Mass.	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	11 312	11 2,309,417			2,201	6,748,086	44
Yonkers, N. Y.	17	76,700	1	200					195	2,120,300			654	4,835,800	58
York, Pa.	3	32,075							319	567,534			730	700,561	186
Youngstown, Ohio.	13	82,200	2	1,500					151	1,511,215			1,337	3,295,670	86
Total.	\$6,180	\$162,178,727	\$2,096	\$18,714,335	\$ 722	\$191,175,395	\$ 886	\$23,852,209	\$110,600	\$1,083,237,329	3,445	7,110,100	\$ 405,941	\$ 1,519,331,321	

* Includes repairs for all classes of materials.

† See notes to details.

‡ Included with repairs for wooden buildings.

§ Includes all fire-resisting buildings.

* Includes repairs for all fire-resisting buildings.

† Included with brick or hollow-tile buildings.

‡ Included with repairs for brick and hollow-tile buildings.

§ Repairs not included in this total.

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS ^a

26

PART 1.—RESIDENTIAL BUILDINGS.

City.	One-family houses.				Two-family houses.				One-family or two-family houses with store combined.				Multi-family apartment houses.			
	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.
Akron, Ohio.....	947	\$4,694,535		947									30	\$1,686,100		
Albany, N. Y.....	81	452,900		81	15	\$143,000		30								
Allentown, Pa.....	93	644,310	600	93	1	12,000	12	2					3	56,000	72	18
Altoona, Pa.....	36	158,240	288	36	17	16,015	136	34								
Atlanta, Ga.....	552	2,672,058		552									39	1,579,000		624
Auburn, N. Y.....	29	109,600		29	3	59,000		6								
Atlantic City, N. J.....	27	235,944	209	27	16	310,500	134	32					10	358,000	248	75
Augusta, Ga.....	220	488,438	963	220	2	12,600	18	4	1	\$1,800	4	1	2	231,995	280	54
Aurora, Ill.....	45	246,200	270	45												
Baltimore, Md.....	2,053	9,285,900		2,053									4	955,000		108
Battle Creek, Mich.....	87	364,350	522	87	1	6,000	16	2								
Bayonne, N. J.....	6	20,600	54	6	42	336,000	480	84								
Beaumont, Tex.....	200	419,157	860	200	12	60,000	96	24	1	1,900	4	1				
Bethlehem, Pa.....	32	113,650		32	4	31,000		8								
Binghamton, N. Y.....	68	295,900		68	12	57,900		24	9	69,000		18				
Birmingham, Ala.....	1,476	11,419,630		(²)	(²)								(²)	18,000		12
Boston, Mass.....	63	794,435	315	63	25	(²)	250	50	17	(²)	255	51	9	515,000	780	156
Bridgeport, Conn.....	160	539,985	946	160	33	213,200	424	66					33	225,200	535	107
Brockton, Mass.....	36	173,900		36												
Brookline, Mass.....	19	464,000		19	8	193,000		16								
Buffalo, N. Y.....	501	1,663,600	3,006	501	375	1,580,000	3,750	750	14	122,700	84	16	1	500,000	800	160
Butte, Mont.....	12	20,570	45	10					1	2,000		1				
Cambridge, Mass.....	10	117,200		10	1	11,000		2								
Camden, N. J.....	32	102,700	214	32												
Canton, Ohio.....	240	915,000	1,440	240	15	46,000	150	30	2	4,000	20	4	5	77,000	500	20
Cedar Rapids, Iowa.....	187	806,810	1,122	187					2	4,000	12	2				
Charleston, S. C.....	170	625,360	680	170					5	25,500	25	5	3	61,000	48	12
Charleston, W. Va.....	211	708,815	1,187	211	7	75,000	63	14	8	51,500	20	8	10	87,000	178	36
Charlotte, N. C.....	162	597,855	866	162					2	4,000	7	2	1	30,000	36	12
Chattanooga, Tenn.....	44	198,250	230	42					1	8,000	6	1	1	15,000	27	9
Chelsea, Mass.....	4	24,000	24	4	1	7,500	10	2								
Chester, Pa.....	30	282,300	210	30	3	7,000	18	6	15	111,800		20				
Chicago, Ill.....	2,079	17,723,250	10,395	2,079	54	541,700	432	108	47	564,400	240	60	33	3,472,000	2,127	709
Chicopee, Mass.....	69	206,300		60	40	230,400		80	1	4,700		1	5	42,500		25
Cincinnati, Ohio.....	128	800,000	640	128	128	800,000	512	256	10	50,000	50	10	10	108,550	200	50

BUILDING OPERATIONS IN 1920.

City.	Multi-family apartment houses with stores combined.				Hotels.			Lodging houses.			Clubs.			Total residential.			
	Num- ber.	Cost.	Rooms.	Fami- lies.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Fami- lies.
Akron, Ohio.....					6	\$697,800								983	\$7,078,435		
Albany, N. Y.....					1	40,000								97	635,900		111
Allentown, Pa.....														97	712,310	684	113
Altoona, Pa.....	2	\$26,500	24	8	1	700,000								56	900,755	448	78
Atlanta, Ga.....														591	4,251,058		1,176
Auburn, N. Y.....														32	168,600		35
Atlantic City, N. J.....	1	93,500	248	75	1	4,000,000	606							55	4,997,944	1,222	137
Augusta, Ga.....								1	\$12,000	13				226	749,833	1,278	279
Aurora, Ill.....														45	246,200	270	45
Baltimore, Md.....											1	\$350,000		2,058	10,590,900		2,161
Battle Creek, Mich.....														88	370,350	538	89
Bayonne, N. J.....														48	356,610	534	90
Beaumont, Tex.....											1	1,800		214	482,857	960	225
Bethlehem, Pa.....											1	500		37	145,150		40
Binghamton, N. Y.....														93	440,800		122
Birmingham, Ala.....														476	1,419,630		
Boston, Mass.....								1	60,000	50				115	1,369,435	1,650	320
Bridgeport, Conn.....											2	15,000		228	993,385	1,905	333
Brockton, Mass.....														36	173,900		36
Brookline, Mass.....														27	657,000		35
Buffalo, N. Y.....											1	10,000		892	3,876,300	7,640	1,427
Butte, Mont.....														13	22,570		13
Cambridge, Mass.....														11	128,200		12
Camden, N. J.....											1	140,000		33	242,700		32
Canton, Ohio.....	6	26,000	300	10	1	350,000	110							269	1,418,000	2,520	304
Cedar Rapids, Iowa.....											1	14,000		190	914,810	1,134	189
Charleston, S. C.....														178	711,860	753	187
Charleston, W. Va.....	2	17,000	26	6	1	200,000								239	1,139,315	1,514	275
Charlotte, N. C.....														165	631,855	909	176
Chattanooga Tenn.....														40	221,250	263	52
Chelsea, Mass.....														5	31,500	34	6
Chester, Pa.....	1	5,000		3							2	434,000		52	845,100		59
Chicago, Ill.....	2	177,000	141	47	8	1,990,500	604				2	125,000	58	2,225	24,595,850	13,997	3,003
Chicopee, Mass.....														106	513,900		166
Cincinnati, Ohio.....														276	1,758,550	1,402	444

^a This table does not include 11 cities not reporting these items.

¹ Includes two-family houses and multi-family apartment houses.

² Included with one-family houses.

³ Including two-family houses and one-family or two-family houses with stores combined.

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 1.—RESIDENTIAL BUILDINGS—Continued.

City.	One-family houses.				Two-family houses.				One-family or two-family houses with store combined.				Multi-family apartment houses.			
	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.
Cleveland, Ohio.....	1, 139	\$6, 370, 680	5, 095	1, 139	685	\$4, 247, 120	6, 850	1, 370	.....	.....	.....	.....	32	\$993, 500	1, 036	259
Columbia, S. C.....	112	305, 060	542	112	.....	.....	.....	.....	2	\$2, 203	8	2	3	34, 530	60	24
Columbus, Ohio.....	334	1, 456, 050	1, 336	334	8	74, 500	64	16	1	2, 800	4	1	3	52, 000	.....	14
Council Bluffs, Iowa.....	208	512, 075	943	208	2	6, 000	10	4	.....	.....	.....	.....	.....	.....	.....	.....
Covington, Ky.....	78	180, 050	.....	78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dallas, Tex.....	1, 095	4, 097, 045	5, 603	1, 095	.....	.....	.....	.....	.....	.....	.....	.....	19	371, 000	259	.....
Davenport, Iowa.....	82	327, 350	492	82	4	38, 000	24	8	.....	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	257	1, 289, 607	1, 542	257	4	28, 500	40	8	.....	.....	.....	.....	1	5, 000	16	4
Decatur, Ill.....	140	941, 200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	256, 000	.....	144
Denver, Colo.....	413	1, 927, 850	1, 879	413	12	110, 000	144	24	1	7, 000	8	2	1	100, 000	24	6
Des Moines, Iowa.....	586	2, 368, 345	3, 516	586	.....	.....	.....	.....	2	5, 800	10	2	1	175, 000	300	60
Detroit, Mich.....	4, 007	15, 108, 350	.....	4, 007	440	3, 761, 300	.....	880	.....	.....	.....	.....	69	5, 333, 500	.....	1, 166
Dubuque, Iowa.....	34	149, 500	.....	34	12	88, 050	.....	24	.....	.....	.....	.....	.....	.....	.....	.....
East Orange, N. J.....	80	579, 350	.....	80	10	107, 000	.....	20	3	92, 000	.....	6	7	922, 000	.....	200
East St. Louis, Ill.....	72	196, 637	312	72	5	35, 000	42	10	2	21, 000	9	2	.....	.....	.....	.....
Elizabeth, N. J.....	131	786, 000	.....	131	40	349, 000	.....	80	.....	.....	.....	.....	3	10, 000	.....	6
Elmira, N. Y.....	74	129, 100	.....	74	37	153, 450	.....	74	5	19, 500	.....	5	1	28, 500	.....	12
El Paso, Tex.....	362	1, 500, 000	.....	362	.....	.....	.....	.....	.....	.....	.....	.....	10	150, 000	.....	60
Erie, Pa.....	144	589, 405	.....	144	30	131, 990	.....	60	12	61, 800	.....	12	.....	.....	.....	.....
Evansville, Ind.....	85	319, 350	510	85	.....	.....	.....	.....	.....	.....	.....	.....	1	10, 000	84	14
Everett, Mass.....	11	45, 750	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fall River, Mass.....	28	179, 550	.....	28	7	34, 682	.....	14	.....	.....	.....	.....	.....	.....	.....	.....
Fitchburg, Mass.....	45	214, 250	.....	45	13	117, 700	.....	26	.....	.....	.....	.....	.....	.....	.....	.....
Flint, Mich.....	2, 100	1, 100, 000	.....	2, 100	100	200, 000	.....	200	100	250, 000	.....	200	100	400, 000	.....	600
Fort Wayne, Ind.....	250	1, 034, 500	1, 750	250	4	40, 000	45	8	.....	.....	.....	.....	1	80, 000	70	22
Fort Worth, Tex.....	949	3, 813, 643	.....	949	.....	.....	.....	.....	32	535, 850	.....	.....	32	535, 850	.....	177
Galveston, Tex.....	24	49, 250	93	24	4	14, 000	32	8	.....	.....	.....	.....	.....	.....	.....	.....
Gary, Ind.....	258	1, 356, 950	.....	258	.....	.....	.....	.....	10	74, 000	.....	10	30	340, 090	.....	.....
Grand Rapids, Mich.....	186	550, 000	.....	186	35	180, 000	.....	70	10	55, 000	.....	.....	5	21, 950	.....	.....
Hamilton, Ohio.....	209	801, 413	1, 045	209	13	104, 000	78	25	.....	.....	.....	.....	.....	.....	.....	.....
Harrisburg, Pa.....	70	328, 050	508	70	.....	.....	.....	.....	.....	.....	.....	.....	1	60, 000	36	6
Hartford, Conn.....	37	265, 850	.....	37	93	1, 025, 000	.....	186	.....	.....	.....	.....	20	584, 000	.....	.....
Haverhill, Mass.....	80	290, 800	495	80	4	24, 000	80	8	1	2, 000	5	1	4	47, 500	84	21
Hoboken, N. J.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4, 000	5	1	.....	.....	.....	.....
Holyoke, Mass.....	49	250, 000	.....	49	10	150, 000	.....	20	.....	.....	.....	.....	.....	.....	.....	.....
Houston, Tex.....	940	2, 859, 624	4, 700	940	.....	.....	.....	.....	.....	.....	.....	.....	30	251, 300	480	120
Huntington, W. Va.....	316	831, 420	1, 420	316	15	88, 900	123	30	18	49, 600	79	20	2	40, 000	36	10

City.	Multi-family apartment houses with stores combined.				Hotels.			Lodging houses.			Clubs.			Total residential.			
	Num- ber.	Cost.	Rooms.	Fami- lies.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Fami- lies.
Cleveland, Ohio					1	\$8,008								1,856	\$11,611,300	12,981	2,768
Columbia, S. C.														118	349,801	601	138
Columbus, Ohio														346	1,585,350		365
Council Bluffs, Iowa	1	\$8,000	16	4										211	526,975	969	216
Covington, Ky.														78	180,050		78
Dallas, Tex.					1	500,000	270							1,115	4,968,045	6,132	
Davenport, Iowa					1	195,000	125							87	560,350	641	90
Dayton, Ohio					5	11,300					5	\$59,700		272	1,394,107	1,598	269
Decatur, Ill.	3	110,000		9										155	1,907,200		298
Denver, Colo.														427	2,144,850	1,923	445
Des Moines, Iowa	1	13,000	7	1										590	2,562,145	3,868	655
Detroit, Mich.	110	1,633,980		213	3	1,500,000								4,629	27,337,130		6,266
Dubuque, Iowa														46	237,550		58
East Orange, N. J.														100	1,700,350		306
East St. Louis, Ill.														79	252,637	363	84
Elizabeth, N. J.	2	62,000		24							1	10,000		175	1,217,000		241
Elmira, N. Y.														119	330,550		165
El Paso, Tex.														372	1,650,000		422
Erie, Pa.	1	18,000		3							2	99,400		189	900,505		219
Evansville, Ind.														86	329,350	594	99
Everett, Mass.														11	45,750		11
Fall River, Mass.														35	214,232		42
Fitchburg, Mass.														58	331,950		71
Flint, Mich.	25	125,000		100	5	2,000,000		5	\$300,000		2	1,000,000		2,437	5,375,000		3,200
Fort Wayne, Ind.														255	1,154,500	1,865	280
Fort Worth, Tex.					15	474,415								996	4,823,908		1,126
Galveston, Tex.														28	63,250	125	32
Gary, Ind.	14	215,200			1	75,000								313	2,061,150		
Grand Rapids, Mich.											1	20,000		237	826,950		
Hamilton, Ohio					1	100,000								222	905,413	1,123	235
Harrisburg, Pa.					1	1,100,000								72	488,050	544	76
Hartford, Conn.	1	35,000												152	3,009,850		
Haverhill, Mass.														89	364,350	664	110
Hoboken, N. J.														1	4,000	5	1
Holyoke, Mass.											1	150,000		60	550,000		
Houston, Tex.	9	40,900	54	27										979	3,451,824	5,234	1,087
Huntington, W. Va.														351	1,009,920	1,658	376

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 1.—RESIDENTIAL BUILDINGS—Continued.

City.	One-family houses.				Two-family houses.				One-family or two-family houses with store combined.				Multi-family apartment houses.			
	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.
Indianapolis, Ind.	557	\$2,337,279	2,785	557	58	\$300,000	600	116					17	\$399,650	1,530	510
Jackson, Mich.	138	666,155	690	138	2	17,000	10	4								
Jacksonville, Fla.	200	785,947		200									4	75,000		20
Jamestown, N. Y.	21	101,124		21												
Jersey City, N. J.	36	88,900		36	23	192,500		46								
Johnstown, Pa.	153	918,000	918	153	50	600,000	400	100					12	200,000	192	48
Kalamazoo, Mich.	174	401,365	1,044	174	5	23,000	60	10								
Kansas City, Kans.	144	306,180	1,008	144												
Kansas City, Mo.	816	2,987,700	5,712	816									22	742,000		748
Kenosha, Wis.	187	815,110	1,122	187	5	31,000	25	10	4	\$73,000	24	4				
Knoxville, Tenn.	170	508,560	793	170												
Lancaster, Pa.	29	125,600	180	29												
Lansing, Mich.	377	1,142,885	2,046	383	5	25,000	55	10	5	13,200	36	10				
Lawrence, Mass.	18	79,700		18	71	497,000		142					13	169,500		
Lexington, Ky.	74	304,100	334	74	13	116,550	113	26	1	3,500	5	1	3	42,000	70	18
Lima, Ohio.	68	147,500	408	68					2	10,500	10	4	6	37,000	30	18
Lincoln, Nebr.	141	686,900	886	141									2	440,000		
Little Rock, Ark.	296	\$1,077,573			(2)	(2)			(1)	(2)			3	42,700		
Lorain, Ohio	102	390,553	612	102					4	11,000	36	8	1	12,000	18	4
Los Angeles, Calif.	8,550	25,124,628		8,850	550	3,213,818		1,100					205	4,098,488		1,036
Louisville, Ky.	415	1,909,400		415									2	24,000		
Lowell, Mass.	93	301,150	558	93	17	77,400	85	34	2	6,000	10	2	6	46,000	30	33
Lynn, Mass.	18	75,500		18	1	7,000										
McKeesport, Pa.	33	225,155	198	33					2	9,000	12	2				
Macon, Ga.	82	215,749	351	82									2	27,035	32	8
Madison, Wis.	69	398,250		69	1	10,000		2	3	16,200		3	2	6,300		6
Malden, Mass.	24	144,225	160	24	9	53,000	45	18	1	8,000	7	1	1	212,000	260	65
Manchester, N. H.	83	112,465	402	83	1	1,200	12	2					1	15,000	30	6
Medford Mass.	90	318,601	540	90	11	99,000	132	22								
Memphis, Tenn.	437	2,052,705	2,267	441	4	8,000	16	8	17	123,200	94	18	5	72,000	78	16
Milwaukee, Wis.	555	3,637,301		555	68	592,800		136	12	151,400		16	5	351,000		77
Minneapolis, Minn.	995	3,668,105		995	12	124,250		24					25	1,652,200		553
Mobile, Ala.	55	79,990	220	55	9	31,500	72	18					1	5,000	12	4
Montgomery, Ala.	45	56,970	140	45	4	13,000	28	8								
Mount Vernon, N. Y.	148	1,559,700		148	4	47,000		8								
Muncie, Ind.	61	140,550	366	61									1	15,000		
Muskegon, Mich.	284	584,423	1,704	284	20	120,000	160	40								

City.	Multi-family apartment houses with stores combined.				Hotels.			Lodging houses.			Clubs.			Total residences.			
	Num- ber.	Cost.	Rooms.	Fami- lies.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Fami- lies.
Indianapolis, Ind.														632	\$3,036,929	4,915	1,133
Jackson, Mich.														140	683,155	700	142
Jacksonville, Fla.	3	\$40,300		9										207	901,247		229
Jamestown, N. Y.														21	101,124		21
Jersey City, N. J.											2	\$32,000		61	313,400		82
Johnstown, Pa.								3	\$300,000	80				218	2,018,000	1,590	520
Kalamazoo, Mich.								1	3,500	12				180	427,865	1,056	184
Kansas City, Kans.														144	306,160	1,008	144
Kansas City, Mo.					1	\$100,000								839	3,829,700		1,564
Kenosha, Wis.														196	919,110	1,171	201
Knoxville, Tenn.											1	12,500	8	171	521,060	793	170
Lancaster, Pa.														29	125,600	180	29
Lansing, Mich.														387	1,181,085	2,137	404
Lawrence, Mass.	4	22,000						2	20,000					108	788,200		
Lexington, Ky.	1	15,000	16	4										93	499,150	559	123
Lima, Ohio.											1	18,000	20	77	270,000	448	90
Lincoln, Neb.														143	1,126,900		
Little Rock, Ark.														299	1,120,273		
Lorain, Ohio.	1	10,000	12	3							1	8,000		109	431,553	678	117
Los Angeles, Calif.					10	482,200								9,615	32,919,134		10,986
Louisville, Ky.														417	1,933,400		
Lowell, Mass.					1	800,000	110							119	1,230,550	793	162
Lynn, Mass.														19	82,500		20
McKeesport, Pa.														35	234,155	210	35
Macon, Ga.														84	242,784	333	90
Madison, Wis.														75	430,750		80
Malden, Mass.														35	417,225	472	106
Manchester, N. H.														85	128,665	444	91
Medford, Mass.					1	12,000								102	429,601	672	112
Memphis, Tenn.														463	2,255,906	2,455	483
Milwaukee, Wis.														640	4,732,501		794
Minneapolis, Minn.														1,032	5,444,555		1,572
Mobile, Ala.														65	116,490	304	77
Montgomery, Ala.														49	69,970	168	53
Mount Vernon, N. Y.														152	1,606,700		166
Muncie, Ind.														62	155,550	382	65
Muskegon, Mich.					1	300,000								305	1,004,423	1,864	324

* Included with one-family houses.

* Including two-family houses and one-family or two-family houses with stores combined.

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 1.—RESIDENTIAL BUILDINGS—Continued.

City.	One-family houses.				Two-family houses.				One-family or two-family houses with store combined.				Multi-family apartment houses.			
	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.
Nashville, Tenn.	149	\$446,209		149									2	\$80,000		36
Newark, N. J.	174	1,130,750		174	62	\$808,457		124					16	522,293		99
New Bedford, Mass.	123	500,000	515	123	66	528,000	1,030	132								
New Britain, Conn.	61	320,300		61	22	140,000		44	1	\$8,000		1	13	121,000		46
New Castle, Pa.	143	870,000	715	143	4	28,000	24	8	10	30,000	50	10				
New Haven, Conn.	58	608,366		58	31	315,000		62					11	580,000		137
New Orleans, La.	442	1,676,021		442	137	506,939		274	15	83,875		20	11	215,500		55
New Rochelle, N. Y.	154	1,608,410		154	8	51,550		16								
Newton, Mass.	115	1,474,325		115	4	35,500		8								
New York:																
Brooklyn	2,221	12,476,025		2,221	733	7,853,800		1,466	115	1,523,200		230	44	3,604,000		
Bronx	374	2,302,275	2,244	374	167	1,697,200	1,837	334	4	63,500	34	6	22	3,425,000	3,350	844
Manhattan	22	1,503,500		22									22	13,595,000		
Queens	3,521	20,993,763		3,521									23	1,750,000		
Richmond	1,292	3,608,443		1,292					144	1,151,450						
Niagara Falls, N. Y.	103	531,654	600	103	1	7,300		2	4	61,200		8				
Norfolk, Va.	259	1,211,160	1,422	259	16	102,250	160	32	3	12,000	12	3	2	26,000	40	8
Oakland, Calif.	962	3,345,927	4,225	962	10	71,400	74	20	4	20,000	20	4	8	149,500	208	52
Oak Park, Ill.	185	1,232,950		185	13	150,900	150	26	5	45,400	25	7	11	287,594	304	95
Oklahoma City, Okla.	614	2,897,800		(2)	3	49,000		6	(2)	18,000		1				
Omaha, Nebr.	509	2,399,050	3,054	509	(2)	(2)			(2)	(2)			25	368,500		
Passaic, N. J.	46	211,600	368	46	1	7,000	6	2	4	15,500	24	4	4	490,500	800	160
Paterson, N. J.	78	435,829	468	78	14	99,150	112	28					3	110,000	226	56
Pawtucket, R. I.	79	326,650		79	39	312,800	468	78								
Peoria, Ill.	114	647,990		114	10	38,300		20	1	13,000		1	4	35,300		15
Perth Amboy, N. J.	30	101,000	184	30					2	11,000		4	1	50,000		36
Philadelphia, Pa.	1,296	10,332,000		1,296					1	7,000	5	1				
Pittsburgh, Pa.	372	3,283,950	2,735	372	9	2,257,500		110	9	52,000	39	7	12	314,500	284	64
Pittsfield, Mass.	38	187,800		38	55	660,000	690	2	2	10,000		2				
Portland, Me.	85	260,600		85	1	3,500		2	2	3,700						
Portland, Oreg.	980	3,553,920		980					2	40,500			3	75,500		
Portsmouth, Va.	59	248,527		59					9	47,500		8				
Poughkeepsie, N. Y.	19	124,580		19	18	92,000		36	4							
Providence, R. I.	109	972,900		109	30	307,200		60					4	105,000		18
Pueblo, Colo.	100	183,100	450	100												
Quincy, Ill.	8	30,100		8									1	20,000		3

City.	Multi-family apartment houses with stores combined.				Hotels.			Lodging houses.			Clubs.			Total residential.			
	Num- ber.	Cost.	Rooms.	Fami- lies.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Fami- lies.
Nashville, Tenn.														151	\$526, 209		185
Newark, N. J.					2	\$1, 125, 000								254	3, 586, 500		397
New Bedford, Mass.					1	720, 000	200	2	\$40, 000	30				192	1, 783, 000	2, 045	255
New Britain, Conn.	4	\$146, 000		24										101	735, 300		176
New Castle, Pa.														157	928, 000	782	161
New Haven, Conn.														100	1, 668, 366		257
New Orleans, La.								13	98, 000					618	2, 590, 335		791
New Rochelle, N. Y.														162	1, 659, 960		170
Newton, Mass.														119	1, 509, 825		123
New York:																	
Brooklyn														3, 113	25, 457, 025		
Bronx	2	185, 000	196	50							1	\$2, 000		570	7, 674, 975	7, 661	1, 608
Manhattan					3	1, 915, 000								47	16, 983, 500		
Queens														3, 688	23, 895, 213		
Richmond					1	14, 560								1, 298	3, 691, 503		1, 302
Niagara Falls, N. Y.	1	18, 000	20	4	1	35, 000	30							126	724, 904		150
Norfolk, Va.	5	109, 000	97	24							2	120, 000	33	288	1, 681, 060	1, 854	359
Oakland, Calif.	6	80, 000	100	30										997	3, 909, 821	4, 804	1, 120
Oak Park, Ill.														189	1, 299, 950		192
Oklahoma City, Okla.														639	3, 296, 300		
Omaha, Nebr.	1	20, 000	14	3							1	4, 000		520	2, 636, 050	3, 896	678
Passaic, N. J.	3	48, 000	152	38										66	468, 750		168
Paterson, N. J.														117	748, 629	996	156
Pawtucket, R. I.											1	5, 000		95	418, 250		115
Peoria, Ill.														117	708, 990		154
Perth Amboy, N. J.														31	108, 000	189	31
Philadelphia, Pa.								2	255, 000					1, 367	12, 644, 500		
Pittsburgh, Pa.											1	275, 000		446	4, 585, 450	3, 748	553
Pittsfield, Mass.														41	201, 300		42
Portland, Me.	1	6, 500									1	300		89	271, 100		
Portland, Oreg.					1	75, 000					1	250, 000		994	3, 994, 520		
Portsmouth, Va.														63	296, 027		67
Poughkeepsie, N. Y.														37	216, 580		55
Providence, R. I.					1	100, 000								144	1, 485, 100		187
Pueblo, Colo.														100	183, 100	450	100
Quincy, Ill.											1	40, 000		10	90, 100		11

* Included with one-family houses.

* Including two-family houses and one-family or two-family houses with stores combined.

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 1.—RESIDENTIAL BUILDINGS—Continued.

City.	One-family houses.				Two-family houses.				One-family or two-family houses with store combined.				Multi-family apartment houses.			
	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.	Number.	Cost.	Rooms.	Families.
Quincy, Mass.	107	\$425,650		107	14	\$85,700		28	2	\$11,000		2	1	\$4,000		4
Racine, Wis.	215	1,063,828	1,290	215					1	7,000	8	1				
Reading, Pa.	100	417,100	700	100					3	31,000	20	3	1	10,000	24	4
Richmond, Va.	170	1,103,285	1,020	170	7	55,000	63	14	5	22,500	25	5	3	197,000	132	33
Roanoke, Va.	136	545,735		136												
Rochester, N. Y.	287	1,675,198		287	17	146,300		34	2	20,000		3	3	27,000		12
Rockford, Ill.	168	633,800	935	168	8	51,750	80	16	6	41,350	35	6	1	10,000	16	4
Rock Island, Ill.	60	155,150	360	60												
Sacramento, Calif.	190	729,985	933	190	1	5,000	12	2					28	199,200	292	82
Saginaw, Mich.	388	1,042,675	1,962	388	2	6,700	10	4					2	22,000	16	6
St. Joseph, Mo.	286	947,990	1,430	286	1	8,000	12	2					2	160,000	400	100
St. Louis, Mo.	451	1,817,470		451									32	451,600		
St. Paul, Minn.	727	2,559,957		727	2	24,000		4					12	1,454,600		
Salem, Mass.	8	41,000		8	1	5,000		2								
Salt Lake City, Utah.	255	999,663	1,223	255					4	34,000	22	4	4	369,000	598	120
San Diego, Calif.	591	2,034,730		591									5	51,200		
San Francisco, Calif.	733	5,588,179	3,665	733	91	870,735	910	182					26	593,000	549	183
Savannah, Ga.	265	1,348,750		265									3	705,000		
Schenectady, N. Y.	89	454,400		89												
Scranton, Pa.	39	170,700		39	3	30,800		6								
Seattle, Wash.	1,431	3,450,160		1,431									19	222,400		
Shreveport, La.	643	2,362,380		643												
Somerville, Mass.	5	32,000		5												
South Bend, Ind.	539	1,668,320	3,234	539	5	38,000	40	10								
Spokane, Wash.	143	480,400	715	143												
Springfield, Ill.	46	269,005		46					1	3,500		1	1	45,000		106
Springfield, Mass.	253	888,475	1,518	253	49	267,900	686	98					3	55,000		112
Springfield, Ohio.	60	180,000	300	60	40	70,000	360	80	10	30,000	140	20	10	308,000	448	50
Stamford, Conn.	77	406,330		77	10	56,009		20	3	25,000		3	2	309,000	200	82
Stockton, Calif.	218	711,457		218									8	98,200		
Superior, Wis.	32	116,800		32												
Syracuse, N. Y.	188	1,041,500		188	48	301,500		96	4	29,500			4	22,000		
Tacoma, Wash.	421	899,895	2,000	421					4	18,000	24	8	2	47,000	54	18
Tampa, Fla.	145	599,500		145												
Terre Haute, Ind.	74	217,700		74												
Toledo, Ohio.	463	1,563,442		463									30	271,500		

City.	Multi-family apartment houses with stores combined.				Hotels.			Lodging houses.			Clubs.			Total residential.			
	Num- ber.	Cost.	Rooms.	Fami- lies.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Fami- lies.
Quincy, Mass.					1	\$50,000	200				1	\$2,000		125	\$528,350		141
Racine, Wis.														217	1,120,828	1,578	216
Reading, Pa.	3	\$145,000	64	15										107	603,100	808	122
Richmond, Va.														185	1,377,785	2,240	222
Roanoke, Va.														136	545,735		136
Rochester, N. Y.														309	1,868,498		336
Rockford, Ill.	1	28,000	16	4	1	13,000		1	\$82,500					186	860,400	1,082	198
Rock Island, Ill.														60	155,150	360	60
Sacramento, Calif.	3	29,900												222	964,085	1,258	261
Saginaw, Mich.														392	1,071,375	1,988	398
St. Joseph, Mo.														289	1,115,990	1,842	388
St. Louis, Mo.														493	2,269,070		
St. Paul, Minn.														741	4,038,557		
Salem, Mass.														9	46,000		10
Salt Lake City, Utah														263	1,402,663	1,843	379
San Diego, Calif.														596	2,085,930		
San Francisco, Calif.											3	176,375		853	7,228,289	5,124	1,098
Savannah, Ga.					1	200,000								269	2,253,750		
Schenectady, N. Y.											2	4,500		89	454,400		89
Scranton, Pa.														44	205,200		
Seattle, Wash.					2	210,000		1	45,000		1	47,000		1,454	3,974,560		
Shreveport, La.														643	2,362,380		643
Somerville, Mass.														5	32,000		5
South Bend, Ind.														544	1,706,320	3,274	549
Spokane, Wash.														144	525,400		
Springfield, Ill.														50	327,505		169
Springfield, Mass.														311	1,464,375	2,652	463
Springfield, Ohio	10	20,000	160	30										130	330,000	1,160	240
Stamford, Conn.	1	8,000		3							1	40,000		94	844,330		185
Stockton, Calif.					1	64,873								227	874,530		
Superior, Wis.											1	55,000		33	171,800		32
Syracuse, N. Y.											2	36,000		246	1,430,500		
Tacoma, Wash.														427	964,895	2,078	447
Tampa, Fla.					1	150,000								146	749,500		145
Terre Haute, Ind.														74	217,700		74
Toledo, Ohio														493	1,834,942		

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 1.—RESIDENTIAL BUILDINGS—Concluded.

City.	One-family houses.				Two-family houses.				One-family or two-family houses with store combined.				Multi-family apartment houses.			
	Num-ber.	Cost.	Rooms.	Fami-lies.	Num-ber.	Cost.	Rooms.	Fami-lies.	Num-ber.	Cost.	Rooms.	Fami-lies.	Num-ber.	Cost.	Rooms.	Fami-lies.
Topeka, Kans.....	59	\$215,800		59									1	\$14,000		4
Trenton, N. J.....	152	784,597		152	9	(²)		18								
Troy, N. Y.....	8	52,555		8	13	\$136,045		26								
Tulsa, Okla.....	501	2,311,390		501	223	1,540,926		446	66	\$770,463		66	24	577,500		315
Utica, N. Y.....	70	403,300		70	7	63,200		14	2	12,500		4	1	6,000		3
Washington, D. C.....	660	4,955,381		660									16	3,295,000		
Waterbury, Conn.....	187	819,500	994	187	12	85,500	120	24	2	41,000	18	3	27	282,000	423	85
Waterloo, Iowa.....	105	545,950	630	105									1	12,000	45	9
West Hoboken, N. J.....	3	24,500		3												
Wheeling, W. Va.....	56	212,700	252	56									1	25,834	16	
Wichita, Kans.....	485	1,597,833		485					2	6,600		4	8	61,300		
Wilkes-Barre, Pa.....	22	131,676		22	1	12,600		2								
Williamsport, Pa.....	38	137,450		38	5	25,500		10	2	12,000		4	1	6,000		3
Wilmington, Del.....	71	405,599	532	71									2	20,000	36	12
Winston-Salem, N. C.....	200	782,470	1,129	200	2	23,000	30	4	2	7,600	18	3				
Woonsocket, R. I.....	54	245,700		54	19	109,800		38	3	11,800		4	10	164,000		60
Worcester, Mass.....	363	1,411,005		363	17	125,000		34	6	48,000		8	15	164,000		48
Yonkers, N. Y.....	265	2,674,900		265									2	209,000		
York, Pa.....	19	77,000	114	19	1	8,000	10	2								
Youngstown, Ohio.....	296	1,599,500	1,640	296	4	45,000	42	8	12	100,500	66	13	4	95,000	80	16
Total.....	⁵ 68,637	⁵ 296,124,663			⁵ 5,402	⁵ 40,154,337			⁵ 846	⁵ 8,854,641			⁵ 1,496	⁵ 66,294,369		

City.	Multi-family apartment houses with stores combined.				Hotels.			Lodging houses.			Clubs.			Total residential.			
	Num- ber.	Cost.	Rooms.	Fami- lies.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Num- ber.	Cost.	Rooms.	Fami- lies.
Topeka, Kans.					1	\$1,225,000					1	\$7,500		60	\$229,800		63
Trenton, N. J.														163	2,017,097		170
Troy, N. Y.														21	188,600		34
Tulsa, Okla.					11	50,250		6	\$13,275					831	5,263,804		1,028
Utica, N. Y.											1	40,000		81	525,000		91
Washington, D. C.					2	1,300,000					1	150,000		679	9,700,381		
Waterbury, Conn.	3	\$110,000	72	21	1	35,000	25				1	40,000		232	1,373,000	1,652	320
Waterloo, Iowa.														107	597,950	675	114
West Hoboken, N. J.					1	12,000								4	36,500		3
Wheeling, W. Va.	2	23,000	24	6										59	261,534	292	66
Wichita, Kans.														495	1,665,733		
Wilkes-Barre, Pa.	2	28,000		6										25	172,276		30
Williamsport, Pa.	2	15,000		6										48	198,950		61
Wilmington, Del.														73	425,599	568	83
Winston-Salem, N. C.	1	18,000	32	8	1	900,000	200							206	1,731,070	1,409	215
Woonsocket, R. I.	1	9,000		3										87	540,300		159
Worcester, Mass.														401	1,748,005		453
Yonkers, N. Y.														267	2,883,900		
York, Pa.														20	85,060	124	21
Youngstown, Ohio.														316	1,843,000	1,828	333
Total.	239	3,739,780			101	23,830,906		38	1,229,275		54	3,874,575		76,813	444,102,546		

* Included with one-family houses.

* Includes cost of two-family houses.

* See notes to details.

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 2.—NONRESIDENTIAL BUILDINGS.

City.	Amusement houses.		Churches.		Factories.		Garages.		Gasoline service stations.		Hospitals.		Office buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Akron, Ohio.....	8	\$1,201,800	4	\$234,000	54	\$3,164,945	1,579	\$569,890					1	\$20,000
Albany, N. Y.....					10	476,000	164	383,640	1	\$3,000			3	73,000
Allentown, Pa.....	2	315,265			16	545,000	197	197,000					1	78,000
Altoona, Pa.....			1	13,500	2	87,300	167	91,289						
Atlanta, Ga.....	3	489,860	11	274,800	11	294,400	395	471,072			2	\$500,000		400,000
Anburn, N. Y.....					14	154,877	76	40,885	1	2,500			1	1,200
Atlantic City, N. J.....	6	62,400	1	16,000	6	15,030	64	85,415	4	14,455			7	361,400
Augusta, Ga.....	1	52,257			7	131,975	31	33,965	6	5,700			4	2,400
Aurora, N. Y.....			1	1,000	2	20,300	71	45,055	2	4,500				
Baltimore, Md.....	24	1,271,500	12	674,000	67	5,197,200	1,758	1,700,450	1	5,000	1	18,000	18	1,041,000
Battle Creek, Mich.....			1	2,500			374	78,540						
Bayonne, N. J.....			1	119,000	13	948,500	41	24,600					1	35,000
Beaumont, Tex.....			4	10,450	15	289,595	138	80,163	6	37,450			2	2,250
Bethlehem, Pa.....	2	3,500			5	26,000	64	87,100	4	1,982				
Binghamton, N. Y.....	1	10,000			11	242,565	297	171,345	3	19,500			4	22,650
Birmingham, Ala.....	1	20,000	6	150,000	1	30,000	602	415,258	4	16,000				
Boston, Mass.....	5	597,000	2	185,000	41	1,990,325	569	3,137,567					15	6,817,825
Bridgeport, Conn.....	10	289,794			37	1,603,388	459	381,393	2	575			7	58,200
Brooklyn, Mass.....	3	36,190			14	512,370	285	252,618					1	200
Brookline, Mass.....					4	24,000	92	192,700						
Buffalo, N. Y.....	1	200,000	5	113,500	58	3,435,900	1,749	1,035,900					15	581,000
Butte, Mont.....			1	23,100	9	22,850	37	22,160	1	4,000				
Cambridge, Mass.....			1	80,000	73	2,644,893	149	668,850						
Camden, N. J.....			2	41,670	56	1,196,588	149	139,017			1	105,000	2	170,000
Canton, Ohio.....	1	15,000	2	43,450	15	228,470	596	214,630	7	5,000			10	35,100
Cedar Rapids, Iowa.....					17	333,900	353	211,539	3	9,900			1	3,000
Charleston, S. C.....	1	1,000	7	174,850	7	316,150	15	39,170			1	100,000	3	52,000
Charleston, W. Va.....			8	266,250	9	9,600	74	45,037					6	142,200
Charlotte, N. C.....			3	27,500	26	462,200	31	274,885	2	19,000	1	20,000	4	70,200
Chattanooga, Tenn.....	1	5,000	1	25,000	17	1,361,500	12	55,200	3	13,500	1	15,000	7	19,250
Chelsea, Mass.....			1	34,000	3	12,250	49	150,275					1	700
Chester, Pa.....	1	75,000	1	100,000	13	408,600	150	93,646						
Chicago, Ill.....	5	3,650,000	19	397,000	13	280,000	25	250,000	40	80,000	2	3,750,000	50	3,702,100
Chicopee, Mass.....			1	20,000	10	846,500	74	26,050					2	29,500
Cincinnati, Ohio.....			6	231,400	26	3,408,750	997	823,255					4	214,000

City.	Public buildings.		Stores.		Schools.		Sheds, stables, and barns.		All other nonresidential.		Total nonresidential.		Grand total of new buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Akron, Ohio.....			318	\$3,610,348	6	\$2,017,000	9	\$2,705	325	\$603,625	2,304	\$11,424,313	3,287	\$18,502,748
Albany, N. Y.....	1	\$122,500	3	7,000	1	284,000	73	30,140			256	1,379,280	353	2,015,180
Allentown, Pa.....			3	13,000			31	15,500	14	112,000	264	1,272,765	361	1,985,075
Altoona, Pa.....			18	216,358			99	6,640			288	415,587	344	1,316,342
Atlanta, Ga.....	2	45,000	10	629,500	2	154,000			181	3,534,350	618	6,792,982	1,209	11,044,040
Auburn, N. Y.....			2	55,000			5	1,600	1	500	100	256,562	132	425,162
Atlantic City, N. J.....	2	21,000	38	993,765	1	138,000	35	6,920	19	139,060	179	1,840,990	234	6,838,934
Augusta, Ga.....			15	64,025			17	11,940	11	7,400	90	318,417	316	1,068,250
Aurora, Ill.....			1	15,000			4	700			86	89,755	131	335,955
Baltimore, Md.....	4	219,000	22	209,500	21	815,000	6	31,200	98	1,787,500	2,033	12,968,850	4,091	23,569,750
Battle Creek, Mich.....			17	105,000			13	3,000			406	194,040	494	564,390
Bayonne, N. J.....					3	914,000			48	367,800	107	2,408,900	155	2,765,500
Beaumont, Tex.....			37	187,144			99	23,285			301	600,337	515	1,083,194
Bethlehem, Pa.....			12	111,250	6	1,400	5	18,050	2	1,300	100	250,582	137	395,732
Binghampton, N. Y.....			6	12,400			29	14,190			351	492,650	444	933,450
Birmingham, Ala.....	2	157,000	75	1,000,000	1	60,000					692	1,848,258	1,168	3,267,898
Boston, Mass.....	2	273,000	64	2,450,700	4	330,000	3	15,500	225	516,780	930	16,313,697	1,045	17,683,132
Bridgeport, Conn.....	1	750,000	51	184,150	7	218,908	9	7,825	21	87,955	604	3,582,188	832	4,575,573
Brockton, Mass.....			24	84,020			30	5,510	42	2,186	399	993,094	435	1,066,994
Brookline, Mass.....			22	927,000			2	10,600	6	23,200	126	1,177,500	153	1,834,500
Buffalo, N. Y.....			40	893,400			433	119,700	56	725,200	2,357	7,104,600	3,249	10,980,900
Butte, Mont.....			1	600	1	36,000	8	3,390	3	6,000	61	118,100	74	140,670
Cambridge, Mass.....			9	167,150	5	513,200			30	145,000	267	4,219,093	278	4,347,293
Camden, N. J.....			1	100,000	1	15,000	139	27,515	87	40,674	438	1,835,464	471	2,078,164
Canton, Ohio.....			36	69,400	2	590,700	48	15,900	102	15,000	819	1,232,550	1,088	2,650,550
Cedar Rapids, Iowa.....			4	13,000	1	125,602	79	29,627	18	198,700	476	925,268	666	1,840,078
Charleston, S. C.....			11	113,050	7	947,500	11	14,740	175	530,102	238	2,288,562	416	3,000,422
Charleston, W. Va.....			32	132,250			7	1,175	2	1,730	138	598,242	377	1,737,557
Charlotte, N. C.....			30	145,655	1	55,000	4	875	20	343,500	122	1,418,815	287	2,050,670
Chattanooga, Tenn.....			21	182,500	2	522,539					65	2,199,489	111	2,420,739
Chelsea, Mass.....	2	120,412	6	56,900			2	1,850	6	24,000	70	400,287	75	431,787
Chester, Pa.....			17	94,450	3	6,600	19	10,528	8	10,313	212	799,137	264	1,644,237
Chicago, Ill.....			1,241	42,073,500	11	1,356,200	15	30,000			1,421	55,568,800	3,646	80,162,650
Chicopee, Mass.....			10	15,800			36	14,100			133	951,950	239	1,465,850
Cincinnati, Ohio.....	2	335,000	12	54,100	1	600,000	236	263,915	31	935,600	1,315	6,866,020	1,591	8,624,570

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 2.—NONRESIDENTIAL BUILDINGS—Continued.

City.	Amusement houses.		Churches.		Factories.		Garages.		Gasoline service stations.		Hospitals.		Office buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Cleveland, Ohio.....	23	\$3,572,500			168	\$15,858,900	4,094	\$1,263,825	190	\$64,962	2	\$700,000	31	\$13,752,500
Columbia, S. C.....	1	301	1	\$2,002	13	28,041	87	185,611	1	5,005			6	28,077
Columbus, Ohio.....	2	600,000	9	448,000	21	1,835,800	1,062	524,870	12	18,850	1	175,000	7	486,000
Council Bluffs, Iowa.....	1	300			11	447,470	107	29,420	2	8,000				
Covington, Ky.....	2	400			7	74,500	104	102,290						
Dallas, Tex.....	7	978,500	5	20,500	30	252,050	270	285,895	6	27,000	2	280,000	9	33,700
Davenport, Iowa.....					13	145,000	255	251,553	3	29,340				
Dayton, Ohio.....	1	5,000	2	72,000	102	1,970,941	782	670,692	6	37,000			14	316,450
Decatur, Ill.....	2		2	122,500	13	268,300	272	245,850						
Denver, Colo.....	5	147,100	1	40,000	34	393,000	726	882,350	13	45,700	3	212,080	15	1,320,300
Des Moines, Iowa.....			1	30,000	2	164,500	114	62,298	2	7,000				
Detroit, Mich.....	2	90,000	27	1,068,510	161	15,734,635	8,951	6,102,690					20	6,305,800
Dubuque, Iowa.....							110	43,824						
East Orange, N. J.....	1	44,000			4	2,050	227	344,267	3	8,100				
East St. Louis, Ill.....	1	200,000	3	52,700	24	740,760	166	38,683			1	9,000	4	61,250
Elizabeth, N. J.....			2	74,000	10	91,234	6	76,000					3	202,000
Elmira, N. Y.....					11	495,000	158	32,800					1	140,000
El Paso, Tex.....	1	6,000	3	96,600	2	25,000	10	50,000	10	51,000	2	166,000	7	477,600
Erie, Pa.....			1	4,000	15	582,261	381	267,132	3	9,200			5	266,766
Evansville, Ind.....	1	700,000	2	33,000	17	157,000	586	201,056					2	35,000
Everett, Mass.....					31	291,135	121	182,465					2	8,000
Fall River, Mass.....	1	38,350			10	569,100	191	209,880	7	50,400			1	100,000
Fitchburg, Mass.....					15	645,255	108	113,575	2	1,400				
Flint, Mich.....	14	280,000	8	80,000	29	450,000	880	440,000	24	24,000	3	20,000	10	2,000,000
Fort Wayne, Ind.....					10	710,500	315	137,805	11	246,900			5	6,550
Fort Worth, Tex.....	11	56,350	18	463,500	63	2,123,570	9	173,000					35	648,655
Galveston, Tex.....	5	54,500			4	47,000	184	40,502	3	12,900			3	9,700
Gary, Ind.....			4	109,000	19	400,000	140	128,680	2	9,800			5	45,200
Grand Rapids, Mich.....	2	240,000	3	120,000	93	2,000,000	733	173,895	4	22,000				
Hamilton, Ohio.....					15	118,810	85	49,769	1	1,950	1	60,040	5	19,178
Harrisburg, Pa.....	2	45,000	1	20,000	10	173,031	147	146,510	1	10,000		8,000	3	45,000
Hartford, Conn.....					28	7,585,910	206	345,465	2	4,400	2	323,000		
Haverhill, Mass.....			1	5,000	13	350,600	170	95,250					1	600
Hoboken, N. J.....					8	283,080	14	154,500						
Holyoke, Mass.....	2	375,000	1	384,695	13	850,600	136	800,000					2	280,000
Houston, Tex.....			8	74,200	68	319,244	62	265,875	16	177,350			8	1,604,700
Huntington, W. Va.....			1	1,500	27	161,700	202	128,045	1	750	1	10,000	7	187,600

City.	Public buildings.		Stores.		Schools.		Sheds, stables, and barns.		All other nonresidential.		Total nonresidential.		Grand total of new buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Cleveland, Ohio.....	1	\$4,000,000	85	\$2,392,300	6	\$1,700,000	455	\$140,425	172	\$4,422,500	5,227	\$47,867,912	7,083	\$59,479,212
Columbia, S. C.....			29	62,201	1	4,004	34	7,155	6	3,392	179	325,789	297	675,590
Columbus, Ohio.....			30	1,351,750	3	795,000	168	87,600	85	27,695	1,400	6,350,565	1,746	7,935,915
Council Bluffs, Iowa.....			6	13,000	1	425,000	23	2,375	2	325	153	925,890	364	1,451,965
Covington, Ky.....			5	10,650					2	4,100	120	191,940	198	371,990
Dallas, Tex.....	6	71,400	98	2,176,795	4	835,000	14	7,725	19	361,795	470	5,330,360	1,585	10,298,405
Davenport, Iowa.....			3	19,200	1	75,000	84	40,105	18	8,405	377	568,603	464	1,128,953
Dayton, Ohio.....			18	419,910	2	48,000	19	79,280	119	61,584	1,065	3,680,857	1,337	5,074,964
Decatur, Ill.....			18	295,000							305	931,650	460	2,238,850
Denver, Colo.....	4	192,000			8	704,000	431	100,260			1,240	4,036,710	1,667	6,181,560
Des Moines, Iowa.....	1	15,000	62	1,180,250			8	11,975	2	300	192	1,471,323	782	4,033,468
Detroit, Mich.....			119	1,111,275	7	1,128,445	34	147,175	73	2,970,200	9,394	34,658,730	14,023	61,995,890
Dubuque, Iowa.....			2	1,200			19	5,953			131	50,977	177	288,527
East Orange, N. J.....			3	45,500			26	3,245	12	3,995	276	451,157	376	2,151,507
East St. Louis, Ill.....			13	195,950	1	50,000	92	29,209	6	160,615	311	1,538,167	390	1,790,804
Elizabeth, N. J.....			4	38,000	1	472,000	11	9,000	253	126,000	290	1,088,234	465	2,305,234
Elmira, N. Y.....											170	667,800	289	998,350
El Paso, Tex.....			24	308,000	4	330,000	225	75,000			238	1,585,200	660	3,235,200
Erle, Pa.....			11	41,200			19	10,375	9	3,565	444	1,194,499	633	2,085,004
Evansville, Ind.....	2	29,000	7	19,500			14	35,100	219	36,996	850	1,246,642	936	1,575,992
Everett, Mass.....			9	23,300	5	16,800	15	5,015			183	526,715	194	572,465
Fall River, Mass.....			3	305,000	12	38,940	13	1,635	129	1,443,285	367	2,756,590	402	2,970,822
Fitchburg, Mass.....			2	3,000			31	12,157			158	775,387	216	1,107,337
Flint, Mich.....	3	250,000	43	1,000,000	25	500,000					1,039	5,044,000	3,476	10,419,000
Fort Wayne, Ind.....			15	108,100			20	8,225	9	116,940	385	1,335,020	640	2,489,520
Fort Worth, Tex.....			144	610,108					154	661,676	434	4,737,059	1,430	9,590,967
Galveston, Tex.....			10	56,780			119	9,900	55	6,000	385	282,282	413	345,532
Gary, Ind.....	2	45,000	19	145,050	1	3,000	9	3,300	10	34,025	209	878,055	522	2,939,205
Grand Rapids, Mich.....			10	50,000	2	310,000	110	18,535			957	2,834,430	1,194	3,761,330
Hamilton, Ohio.....			5	17,100			48	14,850	3	910	103	282,607	385	1,138,020
Harrisburg, Pa.....			9	48,800			6	3,725	4	7,700	184	507,765	256	995,816
Hartford, Conn.....			16	8,007,559	4	191,999	41	10,220	83	15,609	382	10,484,162	534	19,494,012
Haverhill, Mass.....			11	116,500			5	1,700			201	569,650	290	983,950
Hoboken, N. J.....			11	90,000			9	10,000	7	857,500	49	1,395,030	50	1,399,030
Holyoke, Mass.....											154	2,670,295	214	3,220,295
Houston, Tex.....			62	1,505,658			9	20,950			233	3,967,977	1,212	7,419,801
Huntington, W. Va.....			61	553,145	1	120,000	61	11,877	30	2,990	392	1,157,607	743	2,167,527

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 2.—NONRESIDENTIAL BUILDINGS—Continued.

City.	Amusement houses.		Churches.		Factories.		Garages.		Gasoline service stations.		Hospitals.		Office buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Indianapolis, Ind.	5	\$612,375	6	\$108,500	103	\$3,398,420	1,144	\$748,900	15	\$56,915	1	\$250,000	15	\$26,825
Jackson, Mich.	1	6,000			6	34,175		459	5	19,550	1	35,000	2	11,330
Jacksonville, Fla.			8	108,200	22	362,100		39	5	28,500			1	75,000
Jamestown, N. Y.					4	35,300		57						
Jersey City, N. J.	3	483,000	1	20,800	51	1,507,129		228	3	5,000	1	24,000	10	86,200
Johnstown, Pa.			1	550,000	65	1,117,000		175	18	540,000	1	680,000	7	200,000
Kalamazoo, Mich.			1	6,100	29	268,525		100					1	80,000
Kansas City, Kans.	2	30,500	4	62,000	5	278,900								
Kansas City, Mo.	2	260,000	6	536,000	2	19,000	1,011	606,445	35	119,200	1	45,000	3	2,004,000
Kenosha, Wis.	1	34,000			3	385,000		390	2	14,000			1	84,800
Knoxville, Tenn.	2	112,500	4	49,810	8	751,600		4	12	6,000				
Lancaster, Pa.	1	25,000			31	384,695		86	1	6,500	2	225,000	1	300
Lansing, Mich.	1	275,000	2	11,500	1	10,000		640	5	15,000				
Lawrence, Mass.	1	3,800	2	60,000	6	687,200		166					3	15,750
Lexington, Ky.			3	165,000	9	167,035		197	3	20,000			2	4,000
Lima, Ohio								25						
Lincoln, Nebr.			1	18,000	8	86,100		242			1	200,000		
Little Rock, Ark.	5	176,650	4	126,550	10	79,500		169	2	12,000	1	75,000	2	250,100
Lorain, Ohio	3	36,000			3	2,950		117					1	5,000
Los Angeles, Calif.	2	1,535,000	16	306,482	299	2,618,107	6,854	3,100,688	37	47,749	1	11,650	43	4,586,521
Louisville, Ky.	2	340,000	12	241,500	44	870,400		236	1	12,000	1	30,000	2	790,000
Lowell, Mass.			1	6,000	4	130,800		187						
Lynn, Mass.					29	592,135		319	2	20,000				
McKeesport, Pa.			1	60,000	4	13,200		111					1	120,000
Macon, Ga.	2	68,439	4	39,053	8	36,851		56	3	11,016	2	54,069		
Madison, Wis.					21	284,850		226	3	9,300			6	721,200
Malden, Mass.			1	18,000	6	19,500		129	1	62,500			2	137,000
Manchester, N. H.					5	14,000		177						
Medford, Mass.			1	60,000	9	504,000		176						
Memphis, Tenn.	2	44,400	9	258,000	32	708,850		188	16	346,900				
Milwaukee, Wis.	2	52,000	1	20,000	74	2,586,046	1,708	1,714,076	8	34,900			18	836,500
Minneapolis, Minn.	4	506,000	6	110,700	9	144,100	2,457	1,996,015	7	18,000	2	115,000	9	389,500
Mobile, Ala.			4	15,300	5	38,450		11	1	18,250	1	50,000	4	50,900
Montgomery, Ala.					5	6,700		63						
Mount Vernon, N. Y.					14	23,825		168						
Muncie, Ind.								29	1	3,000				
Muskegon, Mich.					5	357,700	181	120,600	3	158,200				

BUILDING OPERATIONS IN 1920.

City.	Public buildings.		Stores.		Schools.		Sheds, stables, and barns.		All other nonresidential.		Total nonresidential.		Grand total of new buildings.	
	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.
Indianapolis, Ind.			29	\$477,660	9	\$2,664,504	343	\$107,146	50	\$1,005,200	1,720	\$9,456,445	2,352	\$12,493,374
Jackson, Mich.	1	\$17,500	14	30,050			11	3,243	7	14,811	507	286,233	647	960,388
Jacksonville, Fla.	6	115,300	33	161,652	2	42,000	7	13,900			123	1,046,452	330	1,947,699
Jamestown, N. Y.	1	15,000			3	308,158			3	37,200	68	427,658	89	528,782
Jersey City, N. J.			14	33,315			33	26,115	35	1,231,250	379	3,935,620	440	4,299,020
Johnstown, Pa.											267	3,387,000	485	5,405,000
Kalamazoo, Mich.	2	109,734	7	14,200	5	125,000	13	11,200	3	13,500	161	782,358	341	1,210,223
Kansas City, Kans.			15	373,100							26	745,500	170	1,051,660
Kansas City, Mo.	1	50,000	84	3,503,000			74	23,900	7	164,700	1,226	7,331,245	2,065	11,160,945
Kenosha, Wis.									12	231,655	409	964,829	605	1,833,939
Knoxville, Tenn.	1	135,000	21	116,477							62	1,352,637	223	1,873,697
Lancaster, Pa.							6	2,625			128	716,130	157	841,730
Lansing, Mich.			5	25,845	2	252,500	50	14,455			706	775,720	1,093	1,956,805
Lawrence, Mass.			7	22,000	2	140,000	4	2,825			191	1,236,990	299	2,025,190
Lexington, Ky.	1	14,700	27	692,700			28	10,385	1	200	271	1,256,205	364	1,755,355
Lima, Ohio			8	270,000							33	280,175	110	550,175
Lincoln, Nebr.			9	29,000	1	360,000					262	818,285	405	1,945,185
Little Rock, Ark.			31	303,900	1	2,800	53	8,238	11	604,119	289	1,901,229	588	3,021,502
Lorain, Ohio	3	2,394	9	10,600	2	355,000	23	4,587	4	5,250	165	465,636	274	897,189
Los Angeles, Calif.	7	257,721	339	5,043,569	19	340,715	1,349	499,948	489	1,067,278	9,455	19,415,418	19,070	52,334,552
Louisville, Ky.			38	346,200	6	62,000			41	1,245,100	383	4,300,000	800	6,233,400
Lowell, Mass.	1	850,000			1	1,600,000	49	9,500	58	88,140	301	2,823,525	420	4,054,075
Lynn, Mass.			23	24,645	1	40,000	7	1,520			381	753,963	400	836,463
McKeesport, Pa.			3	51,000	1	1,150	8	500	5	13,850	134	365,626	169	599,781
Macon, Ga.			25	219,747	2	182,429	18	8,328	1	110,138	121	742,546	205	985,330
Madison, Wis.					1	8,500	7	11,250	9	35,500	273	1,168,460	348	1,599,210
Malden, Mass.			6	99,400			1	500	48	24,280	194	498,135	229	915,360
Manchester, N. H.			4	11,250	3	1,886,449	35	9,950	15	12,995	239	2,057,559	324	2,186,224
Medford, Mass.					1	150,000					187	845,399	289	1,275,000
Memphis, Tenn.			38	573,500			39	38,585			324	2,102,995	787	4,358,900
Milwaukee, Wis.	3	35,500	12	264,075	1	80,000	344	46,884			2,189	6,677,581	2,829	11,410,082
Minneapolis, Minn.	2	210,000	114	3,271,830	13	975,180	2	3,500	18	1,007,600	2,625	7,739,825	3,657	13,184,380
Mobile, Ala.			16	222,500			10	33,000			53	449,400	118	565,990
Montgomery, Ala.			6	66,900			34	5,797			108	132,064	157	202,034
Mount Vernon, N. Y.			7	28,300	2	4,700	4	1,900			195	157,932	347	1,764,632
Muncie, Ind.							1	200			31	20,450	93	176,000
Muskegon, Mich.							137	23,779			326	660,279	631	1,664,702

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 2.—NONRESIDENTIAL BUILDINGS—Continued.

City.	Amusement houses.		Churches.		Factories.		Garages.		Gasoline service stations.		Hospitals.		Office buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Nashville, Tenn.			5	\$60,000	4	\$182,000	159	\$42,299	5	\$43,900			5	\$5,375,000
Newark, N. J.	2	\$390,000	2	207,000	149	5,251,151	891	2,413,253					1	100,000
New Bedford, Mass.			1	250,000	39	2,633,500	274	507,000					3	176,000
New Britain, Conn.	2	35,000	1	86,000	31	192,285	125	140,993	6	21,900	1	\$350,000		
New Castle, Pa.	1	25,000	2	15,000	10	50,000	40	12,000	2	2,100				
New Haven, Conn.					16	469,600	394	357,215						
New Orleans, La.			17	118,300	49	395,980	156	59,073	6	14,100			8	5,471,376
New Rochelle, N. Y.			2	320,000	2	1,350	61	38,000					1	100,000
Newton, Mass.	1	1,100			7	530,000	280	262,002			1	200,000		
New York:														
Brooklyn	26	4,364,000	16	1,342,000	140	7,854,750	3,054	9,894,925					16	1,223,900
Bronx	10	1,471,600	6	633,000	83	1,491,600	392	4,015,925			1	225,000	5	219,000
Manhattan	25	5,140,000	1	60,000	23	8,232,700	482	6,348,318			8	5,350,000	81	44,668,400
Queens	44	496,815	10	254,000	112	8,638,100	2,570	2,966,748					32	564,950
Richmond			2	78,000	104	234,848	374	261,450					11	85,412
Niagara Falls, N. Y.	1	200,000	1	90,000	66	1,901,705	190	244,875						
Norfolk, Va.	1	6,000	8	301,500	40	108,800	175	132,881	1	1,200	1	12,000	5	750,000
Oakland, Calif.			3	182,705	53	858,242	1,427	669,962	14	36,750			13	118,080
Oak Park, Ill.			1	100,000	3	35,000	445	228,020						
Oklahoma City, Okla.	2	410,000	7	100,000	15	72,200	359	319,628	4	11,800			2	15,000
Omaha, Nebr.			6	186,000	21	1,754,450	407	666,360	3	8,500			7	1,560,000
Passaic, N. J.	1	125,000			25	581,000	96	128,120					1	65,000
Paterson, N. J.	1	25,000			28	945,800	212	280,811	1	40,000			1	12,000
Pawtucket, R. I.	1	80,000	1	70,000	11	378,500	207	144,590					2	6,700
Peoria, Ill.			1	3,000	11	104,600	336	180,393					4	170,600
Perth Amboy, N. J.			2	6,500	12	344,601	22	19,230					4	9,325
Philadelphia, Pa.	6	249,000	13	506,330	184	8,805,100	1,153	2,582,290					29	2,099,395
Pittsburgh, Pa.	9	350,814	7	118,000	101	2,145,719	1,670	2,116,610	7	64,700	1	22,000	31	1,086,773
Pittsfield, Mass.					2	37,500	100	67,327						
Portland, Me.	1	3,000			7	27,850	140	64,755	3	14,000			1	350
Portland, Oreg.			3	135,000			2,818	877,060			3	475,000	35	628,500
Portsmouth, Va.	1	10,000			1	15,000	117	54,689			1	15,000		
Poughkeepsie, N. Y.					6	159,800	69	203,385					2	33,000
Providence, R. I.			2	73,800	59	961,900	659	2,175,700					16	577,200
Pueblo, Colo.					12	121,375	251	138,775			1	48,000	14	83,805
Quincy, Ill.					4	101,000	4	43,900	1	7,273				
										2,500				

BUILDING OPERATIONS IN 1920.

City.	Public buildings.		Stores.		Schools.		Sheds, stables, and barns.		All other nonresidential.		Total nonresidential.		Grand total of new buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Nashville, Tenn.			14	\$348,575			9	\$4,525			196	\$681,299	347	\$1,207,508
Newark, N. J.	2	\$148,104	60	400,425	4	\$2,073,925	59	54,770			1,174	16,318,628	1,428	19,905,128
New Bedford, Mass.			30	300,000	2	50,000	65	50,000			412	3,950,500	604	5,738,500
New Britain, Conn.	3	40,850	28	223,175	8	350,200	50	9,563			258	1,625,966	359	2,361,266
New Castle, Pa.			11	77,000	4	720,528	42	4,600			112	906,228	269	1,834,228
New Haven, Conn.									139	\$1,419,508	549	2,246,323	649	3,749,689
New Orleans, La.			38	265,165			103	55,909			377	6,379,903	995	8,960,238
New Rochelle, N. Y.					1	63,000	11	4,273	9	65,650	87	597,273	249	2,257,233
Newton, Mass.			5	46,500	4	17,542	32	4,300	6	11,650	336	1,073,094	455	2,582,919
New York:														
Brooklyn	8	1,271,000	270	3,304,217	8	1,175,000	2,645	439,815			6,183	30,869,607	9,296	56,328,632
Bronx	2	230,000	31	826,700	5	1,750,000	10	47,800			545	10,910,625	1,115	18,585,600
Manhattan	14	1,676,800	48	6,836,250	3	500,000			51	403,892	736	79,216,360	783	96,199,890
Queens	2	255,000	78	821,325	2	600,000	19	30,650	357	169,747	3,226	14,197,335	6,914	38,092,548
Richmond	21	353,100	31	64,015			29	9,285	156	61,028	728	1,147,138	2,026	4,838,641
Niagara Falls, N. Y.			16	60,700					69	147,127	343	2,644,407	469	3,369,311
Norfolk, Va.			67	407,685	4	119,125	23	10,634	36	405,174	361	2,254,999	649	3,936,059
Oakland, Calif.			64	1,552,182	75	281,051			27	233,830	1,676	3,932,802	2,673	7,842,623
Oak Park, Ill.			6	78,100	1	170,000	7	742			463	609,862	652	1,909,812
Oklahoma City, Okla.			49	491,950			38	40,775	56	293,758	532	1,755,111	1,171	5,021,411
Omaha, Nebr.	2	162,000	22	1,605,150	2	175,000	49	30,595	18	232,745	537	6,380,800	1,057	9,316,850
Passaic, N. J.							30	21,000			153	920,120	219	1,388,870
Paterson, N. J.					1	688,000			96	156,709	340	2,148,320	457	2,896,949
Pawtucket, R. I.			17	365,150			27	6,520	3	1,580	269	1,053,040	364	1,471,290
Peoria, Ill.	2	10,000	5	26,200			17	10,780	30	52,784	406	553,357	523	1,267,347
Perth Amboy, N. J.			11	69,540					3	26,000	84	475,196	85	583,196
Philadelphia, Pa.	6	298,000	84	5,498,650	3	1,085,000	12	89,700	75	1,615,885	1,565	22,829,350	2,872	35,673,850
Pittsburgh, Pa.			87	1,967,051	8	374,865	71	55,769	45	927,916	2,037	9,130,187	2,483	13,715,637
Pittsfield, Mass.			4	107,300			9	1,660	6	13,850	121	227,637	162	428,937
Portland, Me.			15	24,850			38	5,555	1	50	206	140,410	285	111,610
Portland, Oreg.			177	3,109,235							3,086	5,224,795	4,030	9,219,715
Portsmouth, Va.											138	119,214	201	415,241
Poughkeepsie, N. Y.			2	23,000			14	1,730	7	5,650	105	432,565	137	649,145
Providence, R. I.	1	2,500	28	639,900	2	405,000	233	493,100	75	14,900	1,075	5,344,000	1,219	6,829,100
Pueblo, Colo.							36	6,728	1	2,000	318	407,956	418	591,056
Quincy, Ill.			1	18,000	1	13,000					11	178,400	21	263,500

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Continued.

PART 2.—NONRESIDENTIAL BUILDINGS—Continued.

City.	Amusement houses.		Churches.		Factories.		Garages.		Gasoline service stations.		Hospitals.		Office buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Quincy, Mass.	4	\$400,300			17	\$438,450	220	\$36,587	1	\$350			4	\$13,300
Racine, Wis.					14	626,664	338	214,025			1	\$103,000	7	403,650
Reading, Pa.	2	240,000	2	\$18,000	83	820,660	271	202,700					6	7,225
Richmond, Va.	2	195,000	7	278,500	38	1,851,618	275	514,836					5	127,946
Roanoke, Va.			1	5,000	9	58,000	133	150,470					1	1,000
Rochester, N. Y.					21	2,324,568	1,496	450,000	48	20,000			1	40,000
Rockford, Ill.	3	127,900	1	12,000	28	544,510	388	191,080	2	6,000				
Rock Island, Ill.					3	100,000	188	37,676	2	3,700				
Sacramento, Calif.	1	1,500			28	1,246,435	285	290,075	1	5,000	1	40,000	4	1,800
Saginaw, Mich.	4	14,900	2	10,000	22	509,550	677	184,540	4	9,600			3	650
St. Joseph, Mo.			1	13,000	1	200	79	21,030	1	2,500	3	734,000		
St. Louis, Mo.	10	93,500	6	176,850	92	3,124,740	406	483,660			3	250,000	27	848,150
St. Paul, Minn.			4	25,000	58	1,339,602	1,007	452,276	7	30,200			3	251,000
Salem, Mass.			2	9,000			91	68,315						
Salt Lake City, Utah.	1	225,000	1	45,000	26	253,000	136	35,990	5	15,300	2	275,000	3	108,000
San Diego, Calif.			3	79,000	11	230,000	461	258,116	5	3,150			5	28,900
San Francisco, Calif.	3	1,900,000	1	16,500	71	1,439,370	135	1,045,748	8	28,960	3	317,400	10	2,904,500
Savannah, Ga.	2	325,000			3	255,000	136	223,550						
Schenectady, N. Y.	1	3,500			6	137,250	232	141,538					2	822,000
Scranton, Pa.			1	3,000	24	324,670	200	170,932					7	494,725
Seattle, Wash.	8	294,000	8	201,500	69	518,450	1,988	971,580			2	230,000	26	1,365,000
Shreveport, La.	1	21,400	2	202,000	2	143,400	518	464,135	1	10,000	1	500,000	1	500,000
Somerville, Mass.			1	17,000	11	838,500	148	272,255					4	23,000
South Bend, Ind.	1	2,500			20	1,311,685	493	187,271	8	29,400			4	39,000
Spokane, Wash.	1	40,000	4	196,000	10	116,900	753	315,329	3	2,100	3	386,000	1	150,000
Springfield, Ill.			2	216,475	13	193,020	165	53,990	10	23,825			4	700,600
Springfield, Mass.	3	506,000	3	152,500	22	1,400,300	474	553,613	7	177,600			6	76,200
Springfield, Ohio.	1	50,000	1	10,000	1	18,000	80	30,000	2	6,000			1	40,000
Stamford, Conn.	3	4,800			16	533,756	106	55,488					1	375
Stockton, Calif.	1	107,000			11	50,500	245	275,565					11	210,540
Superior, Wis.					6	92,100	149	48,120	6	11,350			3	4,400
Syracuse, N. Y.	1	40,000			39	1,871,300	739	696,495	8	39,200	1	200,000	3	12,900
Tacoma, Wash.			3	244,506	23	227,650	989	278,284					3	2,000,000
Tampa, Fla.			1	15,000	8	70,300	105	168,900					4	809,000
Terre Haute, Ind.			2	18,000	1	25,000	182	77,859	2	10,800				
Toledo, Ohio.	12	446,100	11	244,542	41	531,085	1,002	542,508	11	9,425				69,500

City.	Public buildings.		Stores.		Schools.		Sheds, stables, and barns.		All other nonresidential.		Total nonresidential.		Grand total of new buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Quincy, Mass.			11	\$95,650			31	\$9,295	8	\$9,650	296	\$667,582	421	\$1,195,932
Racine, Wis.			17	72,450	2	\$770,000	27	76,525	9	55,450	415	2,321,764	632	3,442,592
Reading, Pa.			8	402,950	5	130,800	144	16,250			521	1,838,375	628	2,441,475
Richmond, Va.			33	195,030	2	113,700	311	134,341			673	3,410,971	858	4,788,756
Roanoke, Va.			27	268,225			65	3,470	29	1,110	265	487,875	461	1,083,610
Rochester, N. Y.			13	557,357	2	2,496,296	98	40,008	5	383,700	1,684	6,310,921	1,993	8,179,419
Rockford, Ill.	1	\$90,000	24	69,466			12	23,780			459	1,064,700	645	1,925,100
Rock Island, Ill.	2	75,000	5	13,808	1	1,000	35	7,508	10	13,900	246	354,481	306	407,631
Sacramento, Calif.			16	102,880			34	6,150	13	24,150	383	1,718,000	605	2,682,065
Baginaw, Mich.			20	62,108	4	310,257	227	158,638	25	1,421	987	1,861,664	1,379	2,335,039
St. Joseph, Mo.	1	19,000					41	5,465	41	7,524	169	803,715	458	1,919,705
St. Louis, Mo.			97	4,608,900	23	838,400			2,940	630,508	3,694	11,052,708	4,087	13,321,778
St. Paul, Minn.			7	2,227,826	3	368,974					1,089	4,694,878	1,830	8,784,485
Salem, Mass.			12	65,085	2	16,800	22	2,200	5	19,900	134	181,250	143	227,250
Salt Lake City, Utah	23	22,000	22	46,250	11	999,000	22	13,450	11	13,680	263	2,052,670	526	3,455,383
San Diego, Calif.			21	189,786			169	36,515			675	385,461	1,271	2,911,391
San Francisco, Calif.	17	2,558,790	100	2,243,390	1	40,000	5	9,400	7	1,514,420	361	15,013,478	1,214	22,246,767
Savannah, Ga.			7	391,000	4	447,500	10	8,450			162	1,650,500	431	3,904,250
Schenectady, N. Y.			15	45,350	1	465,000	15	4,395	4	1,350	276	1,628,383	365	2,677,733
Seranton, Pa.			15	308,350	2	100,000	59	11,962	3	1,032,000	311	2,415,639	355	2,626,839
Seattle, Wash.			130	1,748,425	45	1,007,490	963	140,025	43	448,575	3,252	6,925,045	4,706	10,899,605
Shreveport, La.			46	458,400	7	20,000			24	393,350	603	2,712,685	1,246	5,075,065
Somerville, Mass.			3	26,800			11	6,355	8		136	1,202,890	191	1,524,890
South Bend, Ind.			21	55,205			133	29,388			680	1,654,449	1,224	3,360,799
Spokane, Wash.			22	694,650	1	90,000	1	200	2	2,000	901	1,999,179	945	2,518,579
Springfield, Ill.	1	200,000	3	12,200			9	5,150	275	112,480	482	1,517,740	532	1,845,245
Springfield, Mass.	1	4,000	16	143,275	1	250,000	2	550	75	333,000	610	3,597,038	921	5,061,413
Springfield, Ohio									28	56,000	114	210,000	244	540,000
Stamford, Conn.			15	25,875			72	8,400	3	15,500	216	644,194	310	1,488,524
Stockton, Calif.	1	181,358	33	92,930			5	395	21	54,307	323	972,595	555	1,847,125
Superior, Wis.			4	11,700			74	9,060	2	155	244	176,885	277	348,685
Syracuse, N. Y.	2	81,500	17	257,000			64	16,300	22	25,800	898	3,240,589	1,142	4,671,085
Tacoma, Wash.	2	50,000	7	168,100	1	30,569					1,028	2,999,100	1,455	3,964,004
Tampa, Fla.			24	224,350					75	140,165	217	1,427,655	363	2,177,155
Terre Haute, Ind.	1	20,000	7	62,300			9	11,990	38	10,162	246	305,611	320	523,311
Toledo, Ohio			49	794,335	6	720,959			27	259,350	1,159	3,548,304	1,652	5,383,246

TABLE C.—NUMBER AND PROPOSED COST OF BUILDINGS COVERED BY PERMITS ISSUED IN 1920 FOR NEW CONSTRUCTION, BY INTENDED USE OF BUILDINGS—Concluded.

PART 2.—NONRESIDENTIAL BUILDINGS—Concluded.

City.	Amusement houses.		Churches.		Factories.		Garages.		Gasoline service stations.		Hospitals.		Office buildings.	
	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.	Num-ber.	Cost.
Topeka, Kans.	2	\$502,000	1	\$16,000	8	\$90,750	227	\$84,724	3	\$6,500	.....	.....	2	\$1,300
Tranton, N. J.	1	45,000	1	32,000	154	2,100,000	300	220,000	2	2,000	.....	.....	3	15,000
Troy, N. Y.	.....	.....	.....	.....	.....	.....	32	20,420	.....	.....	.....	.....	.....	.....
Tulsa, Okla.	2	27,000	6	141,000	8	61,400	388	679,540	12	62,000	1	\$1,500,000	16	424,100
Utica, N. Y.	.....	.....	.....	.....	20	786,375	312	147,527	3	4,500	.....	.....	4	64,000
Washington, D. C.	4	486,500	5	215,360	.....	.....	794	1,329,749	.....	.....	4	788,200	17	777,944
Waterbury, Conn.	1	200,000	3	117,500	15	244,415	295	194,490	6	8,700	1	150,000	1	500,000
Waterloo, Iowa.	.....	.....	1	20,000	4	153,500	212	61,063	2	5,500	.....	.....	.....	.....
West Hoboken, N. J.	1	225,000	2	18,500	11	244,400	25	33,550	2	85,000	.....	.....	.....	.....
Wheeling, W. Va.	3	133,300	1	7,000	25	322,390	130	86,225	.....	.....	.....	.....	5	53,200
Wichita, Kans.	.....	.....	4	24,500	34	753,210	382	142,805	7	8,750	2	14,950	14	326,837
Wilkes-Barre, Pa.	.....	.....	.....	.....	10	44,090	121	186,561	.....	.....	.....	.....	.....	.....
Williamsport, Pa.	1	600	.....	.....	5	112,000	32	25,450	3	30,500	.....	.....	1	20,000
Wilmington, Del.	7	510,380	2	21,000	7	121,075	216	492,996	1	490	.....	.....	5	711,500
Winston-Salem, N. C.	.....	.....	3	56,000	13	397,600	139	99,975	.....	.....	.....	.....	4	3,700
Woonsocket, R. I.	.....	.....	.....	.....	13	733,850	122	72,290	.....	.....	.....	.....	2	45,000
Worcester, Mass.	.....	.....	.....	.....	20	884,825	452	670,977	2	28,000	.....	.....	4	59,275
Yonkers, N. Y.	1	13,200	.....	.....	4	71,000	209	666,600	.....	.....	.....	.....	8	23,200
York, Pa.	.....	.....	.....	.....	6	235,300	131	86,086	.....	.....	.....	.....	3	6,950
Youngstown, Ohio.	1	25,000	3	98,000	11	100,550	624	235,410	7	8,800	1	250,000	3	44,500
Total.	426	40,522,240	527	17,810,540	5,381	191,682,550	93,121	94,713,879	853	3,668,222	91	20,701,309	1,102	133,044,380

City.	Public buildings.		Stores.		Schools.		Sheds, stables, and barns.		All other nonresidential.		Total nonresidential.		Grand total of new buildings.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
Topeka, Kans.	1	\$54,000	7	\$252,800	2	\$128,000	19	\$4,830	22	\$62,903	272	\$1,141,904	332	\$1,371,704
Trenton, N. J.	1	35,000	5	70,000	2	500,000	2	15,000	22	362,903	492	3,061,903	655	5,079,000
Troy, N. Y.	1	11,100	23	259,450	4	84,000	8	12,550	10	409,032	33	55,420	54	244,020
Tulsa, Okla.	1	11,100	7	13,700	4	84,000	18	59,430	26	223,450	479	3,671,172	1,310	8,934,976
Utica, N. Y.	1	11,100	106	965,970	5	668,722	23	18,100	26	223,450	390	1,298,982	471	1,823,982
Washington, D. C.	1	19,000	14	119,475	1	5,000	15	3,000	8	120,800	935	5,232,445	1,614	14,932,826
Waterbury, Conn.	1	19,000	1	12,000	2	638,000	13	4,735	6	5,930	361	1,576,680	593	2,949,680
Waterloo, Iowa.	2	17,000	5	11,790	1	4,000	18	6,095	1	4,500	247	1,030,863	354	1,628,813
West Hoboken, N. J.	1	11,100	96	411,536	1	4,000	23	27,325	10	131,035	60	617,115	64	653,615
Wheeling, W. Va.	1	11,100	5	65,000	2	285,670	11	5,310	24	74,395	188	624,500	247	886,034
Wichita, Kans.	1	11,100	11	23,890	6	12,875	12	1,794	5	172,450	573	1,844,948	1,068	3,510,681
Wilkes-Barre, Pa.	1	11,100	22	88,584	6	12,875	24	38,195	7	85,057	173	659,026	198	831,302
Wilmington, Pa.	1	11,100	48	123,700	6	12,875	107	31,313	17	389,425	70	386,184	118	585,134
Wilmington, Del.	4	25,067	9	8,450	3	481,200	28	6,157	6	58,550	301	2,107,219	374	2,532,818
Winston-Salem, N. C.	1	11,100	15	116,200	3	481,200	74	80,455	236	304,135	331	1,101,713	537	2,832,783
Woonsocket, R. I.	1	11,100	15	310,400	2	339,000	10	61,800	5	87,600	189	924,297	267	1,464,597
Worcester, Mass.	1	11,100	2	1,400	1	10,000	40	12,053	11	140,200	806	2,625,067	1,207	4,373,072
Yonkers, N. Y.	1	11,100	42	287,275	1	10,000	29	12,375	11	140,200	254	1,572,800	521	4,456,700
York, Pa.	1	11,100	42	287,275	1	10,000	29	12,375	11	140,200	191	342,829	211	427,829
Youngstown, Ohio.	1	11,100	42	287,275	1	10,000	29	12,375	11	140,200	733	1,212,110	1,049	3,055,110
Total	191	16,369,420	6,737	144,054,972	547	50,023,140	13,160	5,274,205	9,253	42,523,381	131,389	760,388,218	208,202	1,204,490,764

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[The publication of the annual and special reports and of the bimonthly bulletin was discontinued in July, 1912, and since that time a bulletin has been published at irregular intervals. Each number contains matter devoted to one of a series of general subjects. These bulletins are numbered consecutively, beginning with No. 101, and up to No. 236 they also carry consecutive numbers under each series. Beginning with No. 237 the serial numbering has been discontinued. A list of the series is given below. Under each is grouped all the bulletins which contain material relating to the subject matter of that series. A list of the reports and bulletins of the Bureau issued prior to July 1, 1912, will be furnished on application. The bulletins marked thus ☆ are out of print.]

Wholesale Prices.

- *Bul. 114. Wholesale prices, 1890 to 1912.
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- *Bul. 173. Index numbers of wholesale prices in the United States and foreign countries.
- Bul. 181. Wholesale prices, 1890 to 1914.
- *Bul. 200. Wholesale prices, 1890 to 1915.
- Bul. 226. Wholesale prices, 1890 to 1916.
- Bul. 269. Wholesale prices, 1890 to 1919.
- Bul. 284. Index numbers of wholesale prices in the United States and foreign countries. [Revision of Bulletin No. 173.]

Retail Prices and Cost of Living.

- *Bul. 105. Retail prices, 1890 to 1911: Part I.
Retail prices, 1890 to 1911: Part II—General tables.
- *Bul. 106. Retail prices, 1890 to June, 1912: Part I.
Retail prices, 1890 to June, 1912: Part II—General tables.
- Bul. 108. Retail prices, 1890 to August, 1912.
- Bul. 110. Retail prices, 1890 to October, 1912.
- Bul. 113. Retail prices, 1890 to December, 1912.
- Bul. 115. Retail prices, 1890 to February, 1913.
- *Bul. 121. Sugar prices, from refiner to consumer.
- Bul. 125. Retail prices, 1890 to April, 1913.
- *Bul. 130. Wheat and flour prices, from farmer to consumer.
- Bul. 132. Retail prices, 1890 to June, 1913.
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- *Bul. 140. Retail prices, 1890 to December, 1913.
- Bul. 156. Retail prices, 1907 to December, 1914.
- Bul. 164. Butter prices, from producer to consumer.
- Bul. 170. Foreign food prices as affected by the war.
- Bul. 184. Retail prices, 1907 to June, 1915.
- Bul. 197. Retail prices, 1907 to December, 1915.
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- Bul. 270. Retail prices, 1913 to 1919.

Wages and Hours of Labor.

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- *Bul. 129. Wages and hours of labor in the lumber, millwork, and furniture industries, 1890 to 1912.
- *Bul. 131. Union scale of wages and hours of labor, 1907 to 1912.
- *Bul. 134. Wages and hours of labor in the boot and shoe and hosiery and knit goods industries, 1890 to 1912.
- *Bul. 135. Wages and hours of labor in the cigar and clothing industries, 1911 and 1912.
- Bul. 137. Wages and hours of labor in the building and repairing of steam railroad cars, 1890 to 1912.
- Bul. 143. Union scale of wages and hours of labor, May 15, 1913.

Wages and Hours of Labor—Concluded.

- Bul. 146. Wages and regularity of employment and standardization of piece rates in the dress and waist industry of New York City.
- *Bul. 147. Wages and regularity of employment in the cloak, suit, and skirt industry.
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