



STATISTICAL ATLAS  
OF THE  
UNITED STATES  
1924









DEPARTMENT OF COMMERCE

HERBERT HOOVER, SECRETARY

BUREAU OF THE CENSUS

W. M. STEUART, *Director*

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# STATISTICAL ATLAS

## OF THE

# UNITED STATES

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Prepared under the supervision of

CHARLES S. SLOANE

Geographer of the Census



WASHINGTON  
GOVERNMENT PRINTING OFFICE

1925

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## LETTER OF TRANSMITTAL.

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DEPARTMENT OF COMMERCE,  
BUREAU OF THE CENSUS,  
*Washington, D. C., June 7, 1924.*

SIR:

I transmit herewith the Statistical Atlas of the United States. This volume contains the maps and diagrams used for illustrating the reports of the Fourteenth Census, as well as a number of illustrations which have been prepared and published in the special and annual reports of the Bureau of the Census.

The text and illustrations comprising this volume were prepared under the supervision of Charles S. Sloane, Geographer of the Census.

Respectfully,

W. M. STEUART,  
*Director of the Census.*

HON. HERBERT HOOVER,  
*Secretary of Commerce.*

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# STATISTICAL ATLAS

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# STATISTICAL ATLAS.

## AREA ENUMERATED AT THE FOURTEENTH CENSUS.

### AREA OF ENUMERATION.

The area of enumeration in 1920 embraced the United States proper and the outlying possessions of Alaska, Hawaii, Porto Rico, Guam, Samoa, and the Panama Canal Zone. No provision was made in the Fourteenth Census Act for the enumeration of the Philippine Islands, a census of those islands having been taken by the Philippine government as of December 31, 1918, nor of the Virgin Islands, for which a special enumeration was made as of November 1, 1917. The gross area of the territory under the jurisdiction of the United States in 1920 was 3,738,371 square miles, and its population 117,823,165, as shown in Table 1. The population was as returned at the Fourteenth Census, taken as of January 1, 1920, for the United States proper and all of the outlying possessions except the Philippine Islands and the Virgin Islands, enumerations of their population being made at the dates specified above.

In Table 2 is given the gross area in square miles of the United States, including all its outlying possessions, at each enumeration from 1790 to 1920, together with the population: the area—land, water, and total—and the population of the United States, excluding the outlying possessions; and the gross area of the outlying possessions.

Table 1	Gross area (land and water in sq. miles).	Population.
TERRITORY ENUMERATED: 1920.		
United States (with outlying possessions)	3,738,371	117,823,165
Continental United States	3,026,789	105,710,620
Outlying possessions	711,582	11,995,307
Alaska	586,400	55,036
American Samoa	75	8,056
Guam	206	13,275
Hawaii	6,406	255,912
Panama Canal Zone	527	22,855
Philippine Islands	114,400	10,314,310
Porto Rico	3,435	1,269,809
Virgin Islands of the United States	133	26,051
Military and naval, etc., services abroad		117,238

<sup>1</sup> Philippine census, Dec. 31, 1918.

<sup>2</sup> Census, Nov. 1, 1917.

CENSUS YEAR.	UNITED STATES AND ITS OUTLYING POSSESSIONS.								
	Aggregate population.	Gross area (land and water) in square miles.	Per cent of area in 1920.	United States (excluding outlying possessions). <sup>1</sup>					Gross area of outlying possessions in square miles.
				Population.	Area in square miles.				
					Gross area (land and water).	Per cent of area in 1920.	Land.	Water. <sup>2</sup>	
1920.....	117,823,165	3,738,371	100.0	105,710,620	3,026,789	100.0	2,973,776	53,013	711,582
1910.....	101,118,347	3,738,238	100.0	91,972,266	3,026,789	100.0	2,973,890	52,899	711,449
1900.....	77,256,630	3,737,711	100.0	75,994,575	3,026,789	100.0	2,974,159	52,630	710,922
1890.....	62,979,766	3,613,189	96.6	62,947,714	3,026,789	100.0	2,973,965	52,824	586,400
1880.....	50,189,209	3,613,189	96.6	50,155,783	3,026,789	100.0	2,973,965	52,824	586,400
1870.....	38,558,371	3,613,189	96.6	38,558,371	3,026,789	100.0	2,973,965	52,824	586,400
1860.....	31,443,321	3,026,789	80.9	31,443,321	3,026,789	100.0	2,973,965	52,824	.....
1850.....	23,191,876	2,997,119	80.1	23,191,876	2,997,119	99.0	2,944,337	52,782	.....
1840.....	17,069,453	1,792,223	47.9	17,069,453	1,792,223	59.2	1,753,588	38,635	.....
1830.....	12,866,020	1,792,223	47.9	12,866,020	1,792,223	59.2	1,753,588	38,635	.....
1820.....	9,638,453	1,792,223	47.9	9,638,453	1,792,223	59.2	1,753,588	38,635	.....
1810.....	7,239,881	1,720,122	46.0	7,239,881	1,720,122	56.8	1,685,893	34,227	.....
1800.....	5,308,483	892,135	23.8	5,308,483	892,135	29.5	867,980	24,155	.....
1790.....	3,929,214	892,135	23.8	3,929,214	892,135	29.5	867,980	24,155	.....

<sup>1</sup> Does not include water surface of oceans, Gulf of Mexico, or Great Lakes, lying within jurisdiction of the United States.

Table 3 gives the gross area with the date of annexation of each accession of territory from 1790 to 1920, and per cent distribution of aggregate area and area of the United States.

Plate No. 1 shows the boundaries of the original 13 states and each of the accessions of territory.

ACCESSION.	Date acquired.	GROSS AREA (LAND AND WATER) IN SQUARE MILES.		PER CENT DISTRIBUTION.	
		Area of accession.	Total area.	Aggregate area.	Area of the United States.
Aggregate, 1920—United States and outlying possessions.....			3, 738, 371	100. 0	
United States.....			3, 026, 789	81. 0	100. 0
Outlying possessions.....			711, 582	19. 0	
Territory in 1790 <sup>1</sup> .....			892, 135	23. 8	29. 5
Louisiana Purchase.....	1803	827, 987	1, 720, 122	22. 1	27. 4
Florida.....	1819	58, 666	1, 778, 788	1. 6	1. 9
By treaty with Spain.....	1819	13, 435	1, 792, 223	0. 4	0. 4
Texas.....	1845	389, 166	2, 181, 389	10. 4	12. 9
Oregon.....	1846	286, 541	2, 467, 930	7. 7	9. 5
Mexican Cession.....	1848	529, 189	2, 997, 119	14. 1	17. 5
Gadsden Purchase.....	1853	29, 670	3, 026, 789	0. 8	1. 0
Alaska.....	1867	586, 400	3, 613, 189	15. 7	
Hawaii.....	1898	6, 406	3, 619, 595	6. 2	
Philippine Islands.....	1899	114, 400	3, 733, 995	3. 1	
Porto Rico.....	1899	3, 435	3, 737, 430	0. 1	
Guam.....	1899	206	3, 737, 636	( <sup>2</sup> )	
Samoa.....	1900	75	3, 737, 711	( <sup>2</sup> )	
Panama Canal Zone.....	1904	527	3, 738, 238	( <sup>2</sup> )	
Virgin Islands of the United States.....	1917	133	3, 738, 371	( <sup>2</sup> )	

<sup>1</sup> Includes drainage basin of the Red River of the North, not a part of any accession, but in the past sometimes considered a part of the Louisiana Purchase.

<sup>2</sup> Less than one-tenth of 1 per cent.

The increase in population from 3,929,214 at the census of 1790 to 117,823,165 at the census of 1920 was 113,893,951, or about 29 persons in 1920 to each person returned at the First Census. During the same period the area was extended from 892,135 square miles to 3,738,371 square miles. The area, therefore, increased only four times, as compared with a population increase of nearly twenty-nine fold. The gross area, land and water, of the territory under the jurisdiction of the United States at the Fourteenth Census was 3,738,371 square miles. The outlying territories had an area of 711,582 square miles, constituting 19.0 per cent, or approximately one-fifth of the total area.

In 1790, at the First Census, the area was 892,135 square miles, less than one-fourth of the present area, and, with the exception of the territory known as

Florida, was confined to the territory lying between the Atlantic Ocean and the Mississippi River, together with the drainage basin of the Red River of the North. The largest accession of territory at any decade was that of the Louisiana Purchase in 1803. During the decade from 1840 to 1850 there were three accessions of territory, aggregating 1,204,896 square miles, which, with the area of the Louisiana Purchase, covered an area of over 2,000,000 square miles. The annexations made in other years, with the exception of Alaska, were smaller in area, but more densely populated.

Table 4 shows at each census the population, accumulative increase, per cent of increase from 1790, land area, and number of persons per square mile for the United States, exclusive of its outlying possessions. The increase in population in 1840, after 50 years of growth was 334.4 per cent, having increased a little over four times. The increase for 100 years, to 1890, was 1,502 per cent, or there were then in the United States 16 persons where in 1790 there was one person. The increase for 130 years, to 1920, was 2,590.4 per cent; in other words, there were 27 persons in continental United States to each person returned in 1790. The land area has increased almost three and one-half times, while the population per square mile has increased nearly eight times, the increase in density from 1900 to 1910 being greater than during any other decade. The increase and decrease in density of population is represented by Diagram 1, Plate No. 139.

The land area of each of the states and of the entire United States is given in Table 5.

Table 4 CENSUS YEAR.	Population of continental United States.	Accumulative increase.	Per cent of increase from 1790.	Land area in square miles.	Population per square mile.
1920.....	105, 710, 620	101, 781, 406	2, 590. 4	2, 973, 776	35. 5
1910.....	91, 972, 266	88, 043, 052	2, 240. 7	2, 973, 890	30. 9
1900.....	75, 994, 575	72, 065, 361	1, 834. 1	2, 974, 159	25. 6
1890.....	62, 947, 714	59, 018, 500	1, 502. 0	2, 973, 965	21. 2
1880.....	50, 155, 783	46, 226, 569	1, 176. 5	2, 973, 965	16. 9
1870.....	38, 558, 371	34, 629, 157	881. 3	2, 973, 965	13. 0
1860.....	31, 443, 321	27, 514, 107	700. 2	2, 973, 965	10. 6
1850.....	23, 191, 876	19, 262, 662	490. 2	2, 944, 337	7. 9
1840.....	17, 069, 453	13, 140, 239	334. 4	1, 753, 588	9. 7
1830.....	12, 866, 020	8, 936, 806	227. 4	1, 753, 588	7. 3
1820.....	9, 638, 453	5, 709, 239	145. 3	1, 753, 588	5. 5
1810.....	7, 239, 881	3, 310, 667	84. 3	1, 685, 865	4. 3
1800.....	5, 308, 483	1, 379, 269	35. 1	867, 980	6. 1
1790.....	3, 929, 214			867, 980	4. 5



# AREA OF ENUMERATION.

5

TABLE 5.—LAND AREA OF THE UNITED STATES IN SQUARE MILES, BY STATES AND TERRITORIES: 1790-1920.

STATE OR TERRITORY	1920	1910	1900	1890	1880	1870	1860	1850	1840	1830	1820	1810	1800	1790
United States.....	2,973,776 <sup>1</sup>	2,973,890 <sup>2</sup>	2,974,159	2,973,965	2,973,965	2,973,965	2,973,965	2,944,337	1,753,588	1,753,588	1,753,588	1,685,865	867,980	867,980
Alabama.....	51,279	51,279	51,279	51,279	51,279	51,279	51,279	51,279	51,279	51,279	51,279	-----	-----	-----
Arizona.....	113,810	<sup>9</sup> 113,810	113,840	113,840	113,840	113,840	-----	52,525	52,525	52,525	105,275	-----	-----	-----
Arkansas.....	52,525	52,525	52,525	52,525	52,525	52,525	52,525	52,525	52,525	52,525	105,275	-----	-----	-----
California.....	155,652	<sup>10</sup> 155,652	<sup>11</sup> 156,092	155,900	155,900	155,900	155,900	155,900	155,900	155,900	-----	-----	-----	-----
Colorado.....	103,658	103,658	103,658	103,658	103,658	103,658	103,658	103,658	103,658	103,658	-----	-----	-----	-----
Connecticut.....	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820	4,820
Delaware.....	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965	1,965
District of Columbia.....	<sup>13</sup> 62	60	<sup>13</sup> 60	58	58	58	58	58	90	90	90	90	90	90
Florida.....	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	58,725	111,877	145,196
Georgia.....	58,725	58,725	58,725	58,725	58,725	58,725	58,725	58,725	58,725	58,725	58,725	58,725	111,877	145,196
Idaho.....	83,354	83,354	83,354	83,354	83,354	83,354	-----	-----	-----	-----	-----	-----	-----	-----
Illinois.....	56,043	<sup>14</sup> 56,043	56,002	56,002	56,002	56,002	56,002	56,002	56,002	56,002	56,002	192,381	252,084	-----
Indiana.....	36,045	<sup>15</sup> 36,045	35,885	35,885	35,885	35,885	35,885	35,885	35,885	35,885	35,885	42,933	252,084	-----
Iowa.....	55,586	55,586	55,586	55,586	55,586	55,586	55,586	55,586	191,656	191,656	191,656	191,656	191,656	191,656
Kansas.....	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774	81,774
Kentucky.....	40,181	40,181	40,181	40,181	40,181	40,181	40,181	40,181	40,181	40,181	40,181	40,181	40,181	<sup>16</sup> 40,181
Louisiana.....	45,409	45,409	45,409	45,409	45,409	45,409	45,409	45,409	45,409	45,409	45,409	<sup>17</sup> 34,065	18 29,895	<sup>18</sup> 29,895
Maine.....	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895	29,895
Maryland.....	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,941	9,999
Massachusetts.....	8,039	8,039	8,039	8,039	8,039	8,039	8,039	8,041	8,041	8,041	8,041	8,041	8,041	8,041
Michigan.....	57,480	57,480	57,480	57,480	57,480	57,480	57,480	57,480	57,480	186,052	186,052	42,625	-----	-----
Minnesota.....	80,858	80,858	80,858	80,858	80,858	80,858	<sup>12</sup> 80,858	163,457	163,457	163,457	163,457	163,457	163,457	163,457
Mississippi.....	46,362	46,362	46,362	46,362	46,362	46,362	46,362	46,362	46,362	46,362	46,362	<sup>19</sup> 97,641	33,319	-----
Missouri.....	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727	68,727
Montana.....	<sup>20</sup> 146,131	146,201	146,201	146,201	146,201	146,195	-----	-----	-----	-----	-----	-----	-----	-----
Nebraska.....	76,808	76,808	76,808	76,808	76,172	76,172	<sup>12</sup> 118,915	-----	-----	-----	-----	-----	-----	-----
Nevada.....	109,821	109,821	109,821	109,821	109,821	109,821	<sup>12</sup> 61,260	-----	-----	-----	-----	-----	-----	-----
New Hampshire.....	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031	9,031
New Jersey.....	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514	7,514
New Mexico.....	122,503	122,503	122,503	122,503	122,503	122,503	<sup>12</sup> 247,782	236,548	236,548	236,548	236,548	236,548	236,548	236,548
New York.....	47,654	47,654	47,654	47,654	47,654	47,654	47,654	47,652	47,652	47,652	47,652	47,652	47,652	47,652
North Carolina.....	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740	48,740
North Dakota.....	70,183	70,183	70,183	70,183	70,183	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
Ohio.....	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740	40,740
Oklahoma.....	69,414	69,414	38,624	38,624	-----	-----	-----	-----	-----	-----	-----	40,228	<sup>22</sup> 40,228	-----
Oregon.....	95,607	95,607	95,607	95,607	95,607	95,607	95,607	282,257	282,257	282,257	282,257	282,257	282,257	282,257
Pennsylvania.....	44,832	44,832	44,832	44,832	44,832	44,832	44,832	44,832	44,832	44,832	44,832	44,832	44,832	<sup>23</sup> 44,832
Rhode Island.....	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067	1,067
South Carolina.....	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495	30,495
South Dakota.....	76,868	76,868	76,868	76,868	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
Tennessee.....	41,687	41,687	41,687	41,687	41,687	41,687	41,687	41,687	41,687	41,687	41,687	41,687	41,687	<sup>24</sup> 46,977
Texas.....	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398	262,398
Utah.....	82,184	82,184	82,184	82,184	82,184	82,184	<sup>12</sup> 122,887	230,610	230,610	230,610	230,610	230,610	230,610	230,610
Vermont.....	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124	9,124
Virginia.....	40,262	40,262	40,262	40,262	40,262	40,262	64,284	64,284	64,284	64,284	64,284	64,284	64,284	64,284
Washington.....	66,836	66,836	66,836	66,836	66,836	66,836	183,254	-----	-----	-----	-----	-----	-----	-----
West Virginia.....	24,022	24,022	24,022	24,022	24,022	24,022	-----	-----	-----	-----	-----	-----	-----	-----
Wisconsin.....	55,256	55,256	55,256	55,256	55,256	55,256	55,256	55,256	82,643	82,643	82,643	82,643	82,643	82,643
Wyoming.....	<sup>25</sup> 97,548	97,594	97,594	97,594	97,594	97,594	-----	-----	-----	-----	-----	-----	-----	-----
Territory northwest of Ohio River.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	25,855	318,167
Territory south of Tennessee.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,290	-----
Missouri Territory.....	-----	-----	-----	-----	-----	-----	-----	-----	608,565	674,183	<sup>26</sup> 777,940	-----	-----	-----
Indian Territory and unorganized territory.....	-----	-----	30,790	30,790	69,414	69,414	69,414	535,003	511,967	52,750	-----	-----	-----	-----
Dakota Territory.....	-----	-----	-----	-----	147,687	147,693	<sup>12</sup> 312,094	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Net reduction of 114 square miles due to building of Pathfinder and Shoshone Reservoirs (46 square miles of water surface) in Wyoming, and several reservoirs in connection with irrigation projects, (70 square miles of water surface) in Montana, and reclamation of 2 square miles of Potomac River flats in District of Columbia.

<sup>2</sup> Net reduction of 269 square miles due to drainage of lakes and swamps in Illinois and Indiana (201 square miles of land) building of Roosevelt and Laguna Reservoirs in Arizona (30 square miles of water surface) and overflow of Colorado River into Salton Sea in California (440 square miles of water surface).

<sup>3</sup> Increase of 194 square miles due to reclamation of 2 square miles of Potomac River flats in District of Columbia and 192 square miles of Lake Tulare in California.

<sup>4</sup> Includes Gadsden Purchase (29,628 square miles) in 1853.

<sup>5</sup> Includes Texas annexation (385,590 square miles) in 1845; Oregon territory (282,257 square miles) in 1846; and Mexican Cession (522,902 square miles) in 1848.

<sup>6</sup> Includes Florida Purchase (54,861 square miles) and territory gained by treaty with Spain (12,862 square miles) in 1819.

<sup>7</sup> Includes Louisiana Purchase (817,885 square miles) of 1803.

<sup>8</sup> Includes the drainage basin of the Red River of the North.

<sup>9</sup> Decrease of 25 square miles due to building of Roosevelt Reservoir and 5 square miles due to building of Laguna Reservoir.

<sup>10</sup> Decrease of 440 square miles due to overflow of Colorado River into Salton Sea.

<sup>11</sup> Increase of 192 square miles due to reclamation of part of Lake Tulare, California.

<sup>12</sup> Area given is that in 1861.

<sup>13</sup> Increase of 2 square miles due to reclamation of Potomac River flats.

<sup>14</sup> Increase of 41 square miles due to drainage of lakes and swamps.

<sup>15</sup> Increase of 160 square miles due to drainage of lakes and swamps.

<sup>16</sup> Then part of Virginia; area given is that in 1792, when it was admitted as a state.

<sup>17</sup> Then named Orleans territory; includes 4,611 square miles of disputed territory attached to state of Louisiana in 1812, and excludes 11,344 square miles gained by treaty with Spain in 1819.

<sup>18</sup> Then under the jurisdiction of Massachusetts; admitted as a state in 1820.

<sup>19</sup> Includes 5,880 square miles of disputed territory attached to Mississippi Territory in 1812.

<sup>20</sup> Decrease of 70 square miles due to building of several reservoirs in connection with irrigation projects.

<sup>21</sup> Then part of Dakota Territory.

<sup>22</sup> Then part of "territory northwest of the Ohio River;" area given is that in 1802, when it was admitted as a state.

<sup>23</sup> Includes 314 square miles ceded to the United States by the state of New York in 1781 and sold to the state of Pennsylvania in 1792.

<sup>24</sup> Then known as "territory southwest of the Ohio River;" includes 5,290 square miles of territory ceded to the United States by the state of South Carolina in 1787.

<sup>25</sup> Decrease of 46 square miles due to building of Pathfinder and Shoshone Reservoirs.

<sup>26</sup> Then named territory of Louisiana.

## GEOGRAPHIC DIVISIONS.

In making comparisons of the growth in population, manufactures, and agriculture for groups of states, it has been found of great advantage to divide the United States into certain groups termed geographic divisions. The grouping of the country by geographic divisions is a natural one, and by the aid of it certain characteristic features in the development of groups of states are brought out. At the Fourteenth Census the United States was divided into nine geographic divisions, the boundaries of which are shown on Plate No. 2. The states comprised in each division are as follows:

## NEW ENGLAND DIVISION.

Maine.	Vermont.	Rhode Island.
New Hampshire.	Massachusetts.	Connecticut.

## MIDDLE ATLANTIC DIVISION.

New York.	New Jersey.	Pennsylvania.
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## EAST NORTH CENTRAL DIVISION.

Ohio.	Illinois.	Wisconsin.
Indiana.	Michigan.	

## WEST NORTH CENTRAL DIVISION.

Minnesota.	Missouri.	Nebraska.
Iowa.	North Dakota.	Kansas.
	South Dakota.	

## SOUTH ATLANTIC DIVISION.

Delaware.	Virginia.	South Carolina.
Maryland.	West Virginia.	Georgia.
District of Columbia.	North Carolina.	Florida.

## EAST SOUTH CENTRAL DIVISION.

Kentucky.	Tennessee.	Mississippi.
	Alabama.	

## WEST SOUTH CENTRAL DIVISION.

Arkansas.	Louisiana.	Texas.
	Oklahoma.	

## MOUNTAIN DIVISION.

Montana.	Colorado.	Utah.
Idaho.	New Mexico.	Nevada.
Wyoming.	Arizona.	

## PACIFIC DIVISION.

Washington.	Oregon.	California.
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## CENTERS AND MEDIAN LINES.

### CENTER OF POPULATION.

After the decennial census has been completed it is of great interest to note the direction in which the center of population has moved during the decade, the movement being shown by the change in its location. On the basis of the Fourteenth Census returns the center of population and the median lines for continental United States have been determined for January 1, 1920. In these calculations no account is taken of the territory and population of Alaska and of other noncontiguous territory. The location of the center at the dates of the several censuses, 1790 to 1920, and the movement of the point from decade to decade are indicated in the accompanying tables and Plates 120 to 138, inclusive, which include, also, a map on which are drawn the median parallel of latitude and the median meridian of longitude, 1920.

A somewhat technical significance, different from that frequently given to it, attaches to the term "center of population," as used in census publications. The center is often understood to be the point of intersection of a north and south line, which divides the population equally, with an east and west line, which likewise divides it equally. This point of intersection is, in a certain sense, a center of population; it is here, however, designated the median point to distinguish it from the point technically defined as the center.

There are points different in character which may be termed "center of population," but at each census the term "center of population" has been applied to the point which may be considered as the center of gravity of the United States; in other words, the point upon which the United States would balance, if it were a rigid plane without weight and the population distributed thereon, each individual being assumed to have equal weight and to exert an influence on the central point proportional to his distance from the point. The pivotal point, therefore, would be its center of gravity and is the point referred to by the term used in the census as "center of population." This is sometimes confused with another point which we term the "median point." Continuing the above analogy it may be noted that the median point, which may be described as the numerical center of population, is in no sense a center of gravity. In determining the median point distance is not taken into account and the location of the units of population is considered only in relation to the intersecting median lines—

as being north or south of the median parallel and east or west of the median meridian. It is evident that extensive changes in the geographical distribution of the population may take place without affecting the position of the median point. In this respect the median point differs essentially from the center of population, which responds to the slightest population change in any section of the country. To illustrate: Since the median point lies east of Minnesota, a million persons could move from Minnesota to Oregon without affecting the median point, while the movement of 500 persons from one town in Indiana to another, across the north and south line passing through the median point, would change the location of the point. On the other hand, a movement of a million persons from Minnesota to Oregon would have a very considerable effect on the center of population, since, in terms of the above analogy, the pressure exerted by each individual would increase in proportion to the distance traveled away from the center. If all the people in the United States were to be assembled at one place, the center of population would be the point which they could reach with the minimum aggregate travel, assuming that they all traveled in direct lines from their residence to the meeting place. No such statement holds true of the median point.

### METHOD OF DETERMINING THE CENTER OF POPULATION.

In making the computations for the location of the center of population it is necessary to assume that the center is at a certain point. Through this point a parallel and a meridian are drawn, crossing the entire country. In making the computations for 1920, the same point was selected as in 1910; this intersection was assumed to be where the parallel of 39° north latitude intersects the meridian of 86° west longitude, which lines were taken as the axes of moments.

The product of the population of a given area by its distance from the assumed parallel is called a north or south moment, and the product of the population of the area by its distance from the assumed meridian is called an east or west moment. In calculating north and south moments the distances are measured in minutes of arc; in calculating east and west moments it is necessary to use miles on account of the unequal length of the degrees and minutes in different latitudes. The population of the country is grouped by square degrees—that is, by areas included between consecutive parallels and meridians—as they are con-



venient units with which to work. The population of the principal cities is then deducted from that of the respective square degrees in which they lie and treated separately. The center of population of each square degree is assumed to be at its geographical center except where such an assumption is manifestly incorrect; in these cases the position of the center of population of the square degree is estimated as nearly as possible. The population of each square degree north and south of the assumed parallel is multiplied by the distance of its center from that parallel; a similar calculation is made for the principal cities; and the sum of the north moments and the sum of the south moments are ascertained. The difference between these two sums, divided by the total population of the country, gives a correction to the latitude. In a similar manner the sums of the east and of the west moments are ascertained and from them the correction in longitude is made.

At the Fourteenth Census the center of population was in the following position:

Latitude.....  $39^{\circ} 10' 21''$  N.  
Longitude.....  $86^{\circ} 43' 15''$  W.

This point is in southwestern Indiana, 1.9 miles west of Whitehall, Clay township, and 8.3 miles south-southeast of Spencer, Washington township, Owen County, Ind., shown on map on Plate 120.

During the last decade, 1910 to 1920, the center of population moved west  $10' 55''$ , approximately 9.8 miles, the smallest movement the center has ever shown, and about one-fourth of its westward movement from 1900 to 1910, while its northward movement was only  $9''$ , or approximately two-tenths of a mile. The great increase in the population of New York, Pennsylvania, and certain other states north of the thirty-ninth parallel has balanced the increase in Texas, Oklahoma, and southern California. The advance toward the West is, to a large extent, due to the increase in the population of the Pacific Coast states, their distance from the center giving any increase of population in those states much greater weight than an equal increase in the populous states east, which are nearer the center. The cities of Seattle, San Francisco, and Los Angeles, with a combined population of 1,398,661, exert a greater influence on the center of population than the cities of Baltimore, Boston, Buffalo, Cleveland, Philadelphia, and Pittsburgh, with a combined population of 5,197,624.

The westward movement from 1910 to 1920 was due principally to the increase of over 1,000,000 in the population of the state of California, which had a greater growth than at the previous decade, from 1900 to 1910. In this connection it would be well to call attention to the fact that individuals in the states on the Pacific coast exert an influence on the center of

population proportional to their distance from the center.

There has been slight change in the northern movement of the center of population since 1900, as from 1900 to 1910 the northern movement was 0.7 of a mile and from 1910 to 1920 a little less than 0.2 of a mile, showing that the weight of the population of the United States north and south of the thirty-ninth parallel was nearly equal.

The result of the computations in 1920 for the location of the median point shows that it had moved east 8.8 miles, while, during the same decade, the center of population had a western movement of 9.8 miles. The movement in opposite directions of the two points shows in a striking manner the difference in the character of the methods used for their location. There was very slight difference in the northern movement of the two points, the median point having made practically no change since 1910 (0.019 of a mile), and the center of population moving only 0.2 of a mile.

#### LOCATION OF THE CENTER OF POPULATION AT PRIOR CENSUSES.

In 1790 the center of population was at  $39^{\circ} 16' 30''$  north latitude and  $76^{\circ} 11' 12''$  west longitude, which, according to the best maps, is a point in Maryland about 23 miles east of Baltimore. During the decade from 1790 to 1800 it moved almost due west to a point about 18 miles west of the same city, latitude  $39^{\circ} 16' 6''$ , longitude  $76^{\circ} 56' 30''$ .

From 1800 to 1810 it moved west and slightly south to a point in the state of Virginia about 40 miles northwest by west of Washington, D. C., latitude  $39^{\circ} 11' 30''$ , longitude  $77^{\circ} 37' 12''$ . The southward movement during this decade was due to the annexation of the territory of Louisiana, which contained quite extensive settlements.

From 1810 to 1820 the center of population moved west and again slightly south to a point in what is now West Virginia, about 16 miles east of Moorefield, latitude  $39^{\circ} 5' 42''$ , longitude  $78^{\circ} 33'$ . This second southward movement was due principally to the extension of settlements in Mississippi, Alabama, and eastern Georgia.

From 1820 to 1830 it again moved west and south to a point about 19 miles west-southwest of Moorefield, in the area now comprising the state of West Virginia, latitude  $38^{\circ} 57' 54''$ , longitude  $79^{\circ} 16' 54''$ . This is the most decided southward movement that it has made during any decade, owing to the annexation of Florida and the great extension of settlements in Alabama, Louisiana, Mississippi, and Arkansas, or generally, it may be said, in the Southwest. The movement from 1870 to 1880 was apparently greater, but this was due chiefly to a defective enumeration in 1870, and can not be considered as an actual change in the distribution of population.

From 1830 to 1840 it continued west, but slightly changed its course to the north, reaching a point 16 miles south of Clarksburg, in the area now comprising the state of West Virginia, latitude  $39^{\circ} 2'$ , longitude  $80^{\circ} 18'$ . During this decade population had increased rapidly in the Prairie states and in the southern portions of Michigan and Wisconsin.

From 1840 to 1850 the center moved west and slightly south again, reaching a point about 23 miles southeast of Parkersburg, in the area now comprising the state of West Virginia, latitude  $38^{\circ} 59'$ , longitude  $81^{\circ} 19'$ , the change of direction to the south being largely due to the annexation of Texas.

From 1850 to 1860 it moved west and slightly north, reaching a point 20 miles south by east of Chillicothe, Ohio, latitude  $39^{\circ} 0' 24''$ , longitude  $82^{\circ} 48' 48''$ .

From 1860 to 1870 it moved west and sharply north, reaching a point about 48 miles east by north of Cincinnati, Ohio, in latitude  $39^{\circ} 12'$ , longitude  $83^{\circ} 35' 42''$ . This northward movement was due in part to the waste and destruction in the South, consequent upon the Civil War, and in part to the fact that the census of 1870 was defective in its enumeration of the southern people, especially of the newly enfranchised Negro population.

In 1880 the center of population had returned south to nearly the latitude occupied in 1860, being in Kentucky, just south of the Ohio River, in latitude  $39^{\circ} 4' 8''$ , longitude  $84^{\circ} 39' 40''$ , 8 miles west by south of Cincinnati, Ohio.

In 1890, owing to the great increase of population in the cities of the Northwest and in the state of Washington, also in New England, the center moved north

to latitude  $39^{\circ} 11' 56''$ , longitude  $85^{\circ} 32' 53''$ , to a point 20 miles east of Columbus, Ind.

During the decade from 1890 to 1900 the center of population moved west  $16' 1''$ , or 14.6 miles, to longitude  $85^{\circ} 48' 54''$ , and south  $2' 20''$ , or 2.8 miles, to latitude  $39^{\circ} 9' 36''$ , to a point 6 miles southeast of Columbus, Ind. The great increase in the population of Indian Territory, Oklahoma, and Texas was largely offset by an increase in the population of the North Atlantic states.

In 1910 the center of population was at the point where the parallel of latitude of  $39^{\circ} 10' 12''$  N. intersects the meridian of longitude of  $86^{\circ} 32' 20''$  W. and for the first time in its history was located in a city, the city of Bloomington, Ind. From 1900 to 1910 it moved 0.7 of a mile north and 38.9 miles west, the westward movement being nearly three times as great as from 1890 to 1900, but was less than the westward movement for all previous decades, except between 1800 and 1810.

The closeness with which the center of population throughout its westward movement has clung to the thirty-ninth parallel of latitude is remarkable. The point farthest north was reached in 1790 and the farthest south in 1830, but the difference was only 21.4 miles. The greatest movement west was during the decade from 1850 to 1860, when the center advanced 80.6 miles; the least movement west was during the last decade, from 1910 to 1920, when it advanced 9.8 miles. The total westward movement from 1790 to 1920 was 567 miles. Table 6 and the map on Plate 121 show the location of the center of population and its advance during each decade since 1790.

TABLE 6.—POSITION OF THE CENTER OF POPULATION: 1790 TO 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
				From point to point in direct line.	Westward.	Northward.	Southward.
1790.....	39 16 30	76 11 12	23 miles east of Baltimore, Md.....				
1800.....	39 16 6	76 56 30	18 miles west of Baltimore, Md.....	40.6	40.6		0.5
1810.....	39 11 30	77 37 12	40 miles northwest by west of Washington, D. C. (in Va.).	36.9	36.5		5.3
1820.....	39 5 42	78 33 0	16 miles east of Moorefield, W. Va. <sup>1</sup> .....	50.5	50.1		6.7
1830.....	38 57 54	79 16 54	19 miles west-southwest of Moorefield, W. Va. <sup>1</sup> .....	40.4	39.4		9.0
1840.....	39 2 0	80 18 0	16 miles south of Clarksburg, W. Va. <sup>1</sup> .....	55.0	54.8	4.7	
1850.....	38 59 0	81 19 0	23 miles southeast of Parkersburg, W. Va. <sup>1</sup> .....	54.8	54.7		3.5
1860.....	39 0 24	82 48 48	20 miles south by east of Chillicothe, Ohio.....	80.6	80.6	1.6	
1870.....	39 12 0	83 35 42	48 miles east by north of Cincinnati, Ohio.....	44.1	42.1	13.3	
1880.....	39 4 8	84 39 40	8 miles west by south of Cincinnati, Ohio (in Ky.)..	58.1	57.4		9.1
1890.....	39 11 56	85 32 53	20 miles east of Columbus, Ind.....	48.6	47.7	9.0	
1900.....	39 9 36	85 48 54	6 miles southeast of Columbus, Ind.....	14.6	14.4		2.8
1910.....	39 10 12	86 32 20	In the city of Bloomington, Ind.....	39.0	38.9	0.7	
1920.....	39 10 21	86 43 15	{ 1.9 miles west of Whitehall, Clay township, Owen County, Ind.; 8.3 miles south-southeast of Spencer, Washington township, Owen County, Ind. }	9.8	9.8	0.2	

<sup>1</sup> West Virginia was set off from Virginia Dec. 31, 1862; admitted as a state June 19, 1863.



## MEDIAN LINES.

In connection with the definition of the median point another method of presenting facts with regard to the geographical distribution of the population has been noted, involving the location of median lines. A parallel of latitude is determined which evenly divides the population so that the population north of that parallel is equal to that south. Similarly, a meridian of longitude is determined which divides the population evenly east and west of the line. In calculating these median lines it is necessary, in the case of the square degrees of latitude and longitude which are traversed by the lines themselves, to assume that the population is evenly distributed through these square degrees or to make an estimated adjustment where this is obviously not the case.

The eastern terminus of the median parallel, according to the census of 1920, is on the New Jersey coast near Seagirt. In its course west this line passes through central New Jersey, leaving the state near Burlington and entering Pennsylvania a few miles north of Philadelphia, thence

passing through Norristown and continuing through southern Pennsylvania and across the northern extremity of West Virginia, leaving the latter state at a point a few miles north of Wheeling. It nearly bisects Ohio, Indiana, and Illinois, crossing about 10 miles north of Columbus, Ohio, 25 miles north of Indianapolis, Ind., and about 20 miles north of Springfield, Ill. Through Missouri it runs about 30 miles south of the Iowa and Missouri line, thence passing through Nebraska about 10 miles north of its southern boundary, and across the northern part of Colorado, passing about 5 miles north of Boulder city. Its location in Utah is about 45 miles south of Salt Lake City, near Spanish Fork city. There are no large towns near its course across the northern part of Nevada. In California it passes 5 miles south of Red Bluff city, Tehama County. The western terminus of the median parallel is on the Pacific coast, in Humboldt County, Calif., about 5 miles north of Point Delgada and 25 miles south of Cape Mendocino, the point of continental United States extending farthest west.

TABLE 7.—MEDIAN LINES: 1880 TO 1920.

CENSUS YEAR.	Median parallel, north latitude.	Median meridian, west longitude.	MOVEMENT IN MILES DURING PRECEDING DECADE.		
			Median parallel northward.	Median meridian westward.	Median meridian eastward.
	° / "	° / "			
1880.....	39 57 0	84 7 12	.....	.....	.....
1890.....	40 2 51	84 40 1	6.6	27.0	.....
1900.....	40 4 22	84 51 29	2.4	10.8	.....
1910.....	40 6 24	84 59 59	2.3	7.5	.....
1920.....	40 6 25	84 49 59	0.019	.....	8.8

In locating the median meridian, it was found that it had moved 8.8 miles east since 1910, and its northern end was located 8 miles east of Whitefish Point in the northern peninsula of Michigan; from that point it passes south through the southern peninsula of Michigan, about 10 miles west of Lansing, approximately 1 mile west of the eastern boundary of Indiana, and crosses the Ohio River about 15 miles west of Cincinnati, Ohio, thence through the central part of Kentucky, passing through Frankfort. After crossing eastern Tennessee, it enters Georgia about 20 miles east of Chattanooga. It then crosses the western part of Georgia about 5 miles east of Columbus and leaves this state and enters Florida where the Florida-Georgia boundary line crosses the Apalachicola River and ends in the Gulf of Mexico, 8 miles east of Apalachicola.

During the three decades from 1880 to 1910, there was little change in the position of the median parallel, the changes being so slight they could not be indicated

on a small map. During the decade from 1910 to 1920, the median parallel was practically in the same location, but the median meridian moved east 8.8 miles. This was due entirely to the great increase in population of the states on the Atlantic slope.

The greatest change is noted for the decade from 1880 to 1890, during which period the median parallel moved north 6.6 miles, and the median meridian west 27 miles. The latitude and longitude of these lines at the several censuses, from 1880 to 1920, are shown in Table 7, and their location in 1920 is shown on the map on Plate No. 122.

Although the median line exactly bisects the population as a whole it does not necessarily bisect the population of the eastern or western parts of the country. The median parallel does not bisect even approximately the population residing east or west of the Mississippi River. The intersecting median lines divide the country into four parts, but in neither of these parts is there exactly one-fourth of the total

population. The diagonally opposite sections, however, are necessarily equal in population; <sup>1</sup> that is, the northeastern section exactly equals in population the southwestern and, similarly, the population of the southeastern section exactly equals the population of the northwestern; in other words, the northeastern and southwestern quarters each contain a population of approximately 31,450,000, while the southeastern and northwestern sections each contain about 21,400,000.

#### MEDIAN POINT.

The movement of the center of population in 1920, as compared with the movement of the median point, shows that the computations are made on an entirely different basis and the results are really not comparable. In other words, the median point and the center of population are affected differently by the movement of population. From 1910 to 1920 the center of population moved west 9.8 miles, while the median point moved east 8.8 miles. The effect of the increase in population of 1,000,000 persons in California was much less on the median point than it was on the center of population, due to the fact that the distance of the individual from the median point does not affect it. It will also be noted that both the center of population and the median point had a very slight northern movement, being located on parallels of latitude less than a degree apart.

What is termed by the Census Bureau the "median point" of the population corresponds, as already stated, to a common conception of the center of population; that is, it is the junction of the median line dividing the population equally north and south with the median line dividing it equally east and west, distance of the population from the center not being considered. As already indicated, the changes in the median point reflect only the difference between the growth of population east of the point and the growth west of it and the difference between the growth north and south of the point; other differences in relative growth do not affect its location.

In 1920 the median point was located at latitude  $40^{\circ} 6' 25''$  north and longitude  $84^{\circ} 49' 59''$  west, near the eighty-fifth meridian. Its location, therefore, was 6 miles slightly west of south of Union City, Randolph County, Ind.; its eastward movement during the decade was 8.8 miles and its northward movement 0.019 of a mile. Comparing its movement since 1910 with that of the center of population, it will be noted that the north movement of the center of population

was 0.18 of a mile more than that of the median point; the center of population moved west 9.8 miles, while the median point moved east 8.8 miles, showing that the increase in the population of the Pacific coast had a much greater influence on the movement of the center of population than upon the median point.

It will be noted that the location of the median point was 121 miles northeast of the center of population in 1920, showing the divergence of the methods of finding the two points (the center of population and the median point).

The exact location of the median point is indicated by the median lines already shown; in Table 8 its approximate location with reference to certain towns is described.

TABLE 8.—POSITION OF THE MEDIAN POINT: 1880 TO 1920.

CENSUS YEAR.	Approximate location by important towns.
1880.....	16 miles nearly due west of Springfield, Ohio.
1890.....	5 miles southwest of Greenville, Ohio.
1900.....	In Spartanburg, Ind.
1910.....	3 miles south of Winchester, Ind.
1920.....	6 miles slightly west of south of Union City, Ind.

#### CENTERS OF POPULATION OF STATES.

The center of the population of each of the states is shown on Plates 123 to 136, inclusive, and the location of each of the points, from 1880 to 1920, is shown in Table 9 on pages 13 to 16.

There have been so many requests as to the location of the centers of population of the various states that the computations were first made in 1910 for the censuses beginning with the census of 1880, and they have been again computed for 1920.

The direction of the movement of the center in each state during the last 40 years is a matter of interest, showing as it does the direction in which the population has grown and, to a certain extent, the direction in which the state has developed.

From 1900 to 1920 the center of population of the United States, exclusive of its outlying possessions, moved west and north. A comparison of the movements of the centers of population of the states, including the District of Columbia, during the decade from 1910 to 1920 brings out the fact that the centers of 23 states moved north, while for 26 states the movement was south; the centers of population of 26 of the states moved east and of 23 moved west. The movement of the center of population of each state does not, therefore, coincide with the movement of the center of population of the entire United States.

As an analysis of the movement of the center of population for each state was deemed impracticable, only a brief description is given of the movement for a few of the states in which the variation of the movement of the center presents some exceptional features. The center of population of California from 1880 to

<sup>1</sup> The mathematical demonstration of this is simple. If A, B, C, and D represent, respectively, the population of the northwestern, northeastern, southeastern, and southwestern sections, then:

$$A+B=\frac{1}{2} \text{ population of U. S.}$$

$$B+C=\frac{1}{2} \text{ population of U. S.}$$

$$A+B=B+C$$

$$\text{Therefore } A=C$$

$$\text{Similarly it may be proven that } B=D.$$



1890, advanced 34.9 miles south and 23.1 miles east, an actual distance of 41.9 miles; this was the greatest advance made during that decade in any state. From 1890 to 1900 Oklahoma held this distinction, when the movement of the center was 30.7 miles, the north movement 13.2 miles and the west movement 27.7 miles. The greatest movement from 1900 to 1910 was made in North Dakota, the distance the center moved being 44.7 miles, made up of a south movement of 1.3 miles and a west movement of 44.7 miles. The greatest distance any center moved from 1910 to 1920 was in the state of Montana. It moved 38.3 miles northeast by east to a point 9.7 miles southwest of Utica, Judith Basin County.

The greatest distance the center of population of any state advanced during the 40 years from 1880 to 1920 was in California. The center moved in a southeasterly direction 130 miles, the point in 1880 being located 3.3 miles east by south of Moorland, San Joaquin County, and in 1920, 36.2 miles south-southwest of Fresno, Fresno County.

It is well, also, to note those states in which the least change occurred in the location of the center. The center of population of Massachusetts from 1880 to 1890 advanced one-tenth of a mile east; there was no north nor south movement; from 1890 to 1900 there was a south movement of two-tenths of a mile, and a movement east of 158 feet. From 1900 to 1910 it had an eastern movement of 2.6 miles and one-tenth of a mile north, while from 1910 to 1920 it moved five-tenths of a mile south-southwest.

In Delaware, from 1900 to 1910, the movement was three-tenths of a mile north and four-tenths of a mile west; from 1910 to 1920 the movement was accelerated when the center moved 15.6 miles north by east, the greatest movement that the center has ever made in this state.

The smallest change in the location of the center made during the period from 1880 to 1920 was in Rhode Island; its center of population during the 40 years moved 1.7 miles directly north. The center of population of this state in 1880 was located 4.1 miles southwest by south of Providence and in 1920 it was 2.3 miles southwest of the same city.

The center of population of New York state in 1880 was 3 miles northwest by west of Craigeclare, Sullivan County, and in 1920 it was 3.8 miles south by west of Forestine, in the same county. The distance traversed was 6.5 miles from 1880 to 1890; 9.5 miles from 1890 to 1900; 11 miles from 1900 to 1910; and 3.9 miles from 1910 to 1920. The movement was south and east from 1880 to 1920, except from 1900 to 1910, when the movement was south and west.

Although Texas has the greatest area of any state, the movements of the center were not large, as the development in all parts of the state has been nearly uniform. The center in 1880 was located 6.4 miles

southwest of Thornton, Limestone County; in the 40 years to 1920, it had shifted to 12.1 miles southwest of Waco, McLennan County. The northwestern movement from 1880 to 1890 was 13.7 miles; from 1890 to 1900, 3.2 miles; from 1900 to 1910, 22.6 miles; while from 1910 to 1920 it was 5 miles southwest.

The states which show the greatest variation in the location of the center are Arizona, Kansas, Nevada, and New Jersey. For Arizona the movement shown in 1890 was 2 miles south and one-tenth of a mile west; from 1890 to 1900 it reversed the direction to 21.2 miles north and 9.3 miles east, an actual distance of 23.2 miles. During the decade from 1900 to 1910 it moved 11.5 miles south and 15.7 miles east, and from 1910 to 1920 it moved almost directly west 13.3 miles. For Kansas, while the movement was south at each census, from 1880 to 1890 it advanced westward 24.3 miles; from 1890 to 1900, 22.3 miles east; while from 1900 to 1910 the direction again changed to the west, 5.7 miles; from 1910 to 1920 the western movement was only four-tenths of a mile, a net movement during the 40 years of 9.9 miles south and 8.1 miles west. From 1880 to 1890 the movement in Nevada was south 11.2 miles and west 2.1 miles; from 1890 to 1900 it changed, moving north 22.6 miles and east 11 miles. The development of the mines between 1900 and 1910 in the southeastern portion of the state again changed the direction and produced the greatest advance at any decade, the movement being 40 miles south and 14.2 miles east, an actual distance of 42.4 miles; from 1910 to 1920 it moved 4.8 miles north-northeast, the smallest change it had ever made. During the 40 years from 1880 to 1920 the net movement was 24.1 miles south and 25 miles east. New Jersey has also shown considerable change in the direction of the movement of its center of population. From 1880 to 1890 it was 13.2 miles north and seven-tenths of a mile east; in the next decade, from 1890 to 1900, the movement was 10.8 miles south and five-tenths of a mile east; from 1900 to 1910 it again moved north 1.7 miles and east 2.9 miles, and from 1910 to 1920 the movement was southeast, 2 miles.

The movement of the center of population of the states of Maine, Massachusetts, and Oklahoma varied in direction at each decade more than any of the other states, the movement in each state being reversed at each census.

Connecticut shows very small but steady movements south and west, the distance from 1880 to 1890 being 1.9 miles; from 1890 to 1900, 1 mile; from 1900 to 1910, 1.3 miles; and from 1910 to 1920, 1.6 miles.

In Illinois the effect of the growth of Chicago on the center of population is evident from its northeast movement at each census, the actual distance from 1880 to 1890 being 18.4 miles; from 1890 to 1900, 10.8 miles; from 1900 to 1910, 6.4 miles; and from 1910 to 1920, 7.1 miles northeast.

There were only seven states in which the center of population moved in the same general direction at each census from 1880 to 1920. These states are as follows: In the state of Illinois it moved north and east; for California and Georgia the movement was south and east; for Connecticut, North Carolina, and West Virginia the movement was south and west; and for Maryland the movement was north and west.

A comparison of Plates Nos. 123 to 136, on which are located the centers of population of the states, will bring to our attention the fact that in only nine

states are the centers of population near the state capitals. The nine states are Arkansas, Delaware, Indiana, Missouri, Montana, New Hampshire, Rhode Island, South Carolina, and Vermont. As the center of population is the point from which all the population is supposed to be equidistant, if it were necessary to assemble all the inhabitants of a state at one place, each individual to travel in a direct line from his residence to the meeting place, the center of population is the point they could all reach with the minimum aggregate of travel.

TABLE 9.—CENTERS OF POPULATION OF EACH STATE: 1880 TO 1920.

STATE.	Census year.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.		MOVEMENT IN MILES DURING PRECEDING DECADE.				
				County.	Nearest city or town.	From point to point in direct line.	Northward.	Southward.	Eastward.	Westward.
ALABAMA.....	1880	32 51 9	86 43 16	Chilton.....	5.5 miles W. by N. of Clanton, Chilton County.....	.....	.....	.....	.....	.....
	1890	32 54 38	86 44 46	Chilton.....	3.4 miles S. by E. of Jemison, Chilton County.....	4.3	4.0	.....	.....	1.5
	1900	32 53 13	86 42 18	Chilton.....	5.7 miles SSE. of Jemison, Chilton County.....	2.9	.....	1.6	2.4	.....
	1910	32 54 7	86 42 29	Chilton.....	4.7 miles SSE. of Jemison, Chilton County.....	1.0	1.0	.....	.....	0.2
	1920	32 57 26	86 43 21	Chilton.....	2.0 miles E. by S. of Jemison, Chilton County.....	3.9	3.8	.....	.....	0.8
ARIZONA.....	1880	33 17 36	111 25 32	Pinal.....	18.7 miles N. by W. of Florence, Pinal County.....	.....	.....	.....	.....	.....
	1890	33 15 51	111 25 39	Pinal.....	16.6 miles N. by W. of Florence, Pinal County.....	2.0	.....	2.0	.....	0.1
	1900	33 34 20	111 15 58	Maricopa.....	9.2 miles SW. of Roosevelt Dam, Maricopa County.....	23.2	21.2	.....	9.3	.....
	1910	33 24 18	110 59 38	Gila.....	12.3 miles W. by N. of Globe, Gila County.....	19.5	.....	11.5	15.7	.....
	1920	33 21 3	111 12 55	Pinal.....	23.0 miles NNE. of Florence, Pinal County.....	13.3	.....	3.7	.....	12.8
ARKANSAS.....	1880	34 55 41	92 30 25	Pulaski.....	4.8 miles WSW. of Mayflower, Faulkner County.....	.....	.....	.....	.....	.....
	1890	34 57 35	92 29 41	Faulkner.....	3.9 miles NNE. of Mayflower, Faulkner County.....	2.3	2.2	.....	0.7	.....
	1900	34 56 18	92 28 27	Pulaski.....	3.2 miles WSW. of Mayflower, Faulkner County.....	1.9	.....	1.5	1.2	.....
	1910	34 55 16	92 25 8	Faulkner.....	3.0 miles SSW. of Mayflower, Faulkner County.....	3.3	.....	1.2	3.1	.....
	1920	34 55 14	92 20 48	Pulaski.....	9.0 miles NNW. of Levy, Pulaski County.....	4.1	.....	0.04	4.1	.....
CALIFORNIA.....	1880	37 55 55	121 27 42	San Joaquin.....	3.3 miles E. by S. of Moorland, San Joaquin County.....	.....	.....	.....	.....	.....
	1890	37 25 35	121 2 20	Stanislaus.....	3.1 miles NNE. of Crows Landing, Stanislaus County.....	41.9	.....	34.9	23.1	.....
	1900	37 14 26	120 53 11	Merced.....	6.2 miles NE. of Ingomar, Merced County.....	15.3	.....	12.8	8.4	.....
	1910	36 42 29	120 31 23	Fresno.....	9.5 miles WSW. of Mendota, Fresno County.....	41.8	.....	36.7	20.1	.....
	1920	36 20 23	120 10 54	Fresno.....	36.2 miles SSW. of Fresno, Fresno County.....	31.7	.....	25.4	19.0	.....
COLORADO.....	1880	39 5 23	105 32 53	Park.....	13.7 miles ENE. of Hartzell, Park County.....	.....	.....	.....	.....	.....
	1890	39 9 52	105 14 10	Douglas.....	3.9 miles WNW. of West Creek, Douglas County.....	17.6	5.2	.....	16.8	.....
	1900	39 5 45	105 16 5	Teller.....	6.4 miles WSW. of West Creek, Douglas County.....	5.0	.....	4.7	.....	1.7
	1910	39 11 53	105 11 28	Douglas.....	3.6 miles N. by W. of West Creek, Douglas County.....	8.2	7.1	.....	4.1	.....
	1920	39 14 53	105 1 24	Douglas.....	13.0 miles SW. by S. of Castle Rock, Douglas County.....	9.6	3.4	.....	9.0	.....
CONNECTICUT.....	1880	41 32 49	72 46 21	New Haven.....	2.0 miles ENE. of Meriden post office, New Haven County.....	.....	.....	.....	.....	.....
	1890	41 31 41	72 48 0	New Haven.....	0.8 mile SSE. of Meriden post office, New Haven County.....	1.9	.....	1.3	.....	1.4
	1900	41 31 23	72 49 6	New Haven.....	1.2 miles SSW. of Meriden post office, New Haven County.....	1.0	.....	0.3	.....	1.0
	1910	41 30 54	72 50 20	New Haven.....	2.5 miles SW. of Meriden post office, New Haven County.....	1.3	.....	0.6	.....	1.1
	1920	41 30 8	72 51 47	New Haven.....	3.1 miles SSW. of Meriden post office, New Haven County.....	1.6	.....	0.9	.....	1.3
DELAWARE.....	1880	39 9 50	75 35 30	Kent.....	3.5 miles W. by N. of Dover, Kent County.....	.....	.....	.....	.....	.....
	1890	39 11 9	75 35 36	Kent.....	4.0 miles NW. of Dover, Kent County.....	1.5	1.5	.....	.....	0.1
	1900	39 11 35	75 35 9	Kent.....	4.0 miles NW. by N. of Dover, Kent County.....	0.6	0.5	.....	0.4	.....
	1910	39 11 49	75 35 6	Kent.....	4.2 miles NW. by N. of Dover, Kent County.....	0.3	0.3	.....	.....	0.4
	1920	39 25 14	75 32 9	New Castle.....	8.4 miles E. by N. of Townsend, New Castle County.....	15.6	15.4	.....	2.6	.....
DISTRICT OF COLUMBIA.....	1900	78 ft. N. of H. St. NW.	20 ft. W. of 4th St. NW.	.....	Opposite No. 801 Fourth Street NW.....	.....	.....	.....	.....	.....
	1910	159 ft. S. of K St. NW.	111 ft. E. of 5th St. NW.	.....	No. 927 Fifth Street NW.....	1 983	1 743	.....	.....	1 643
	1920	222 ft. N. of M St. NW.	57 ft. E. of 5th St. NW.	.....	Central Methodist Episcopal Church, 1215-1217 5th Street NW.....	11,521	11,520	.....	.....	1 54
FLORIDA.....	1880	29 43 40	83 17 0	Lafayette.....	1.0 mile SW. of Hines, Lafayette County.....	.....	.....	.....	.....	.....
	1890	29 29 15	83 3 28	Lafayette.....	7.0 miles N. by W. of Vista, Levy County.....	21.4	.....	16.6	13.5	.....
	1900	29 28 40	83 7 19	Lafayette.....	7.7 miles NW. by N. of Vista, Levy County.....	3.9	.....	0.7	.....	3.8
	1910	29 19 30	83 0 32	Levy.....	5.0 miles SSE. of Vista, Levy County.....	12.5	.....	10.5	6.8	.....
	1920	29 4 36	82 46 42	Levy.....	8.8 miles W. by S. of Lebanon, Levy County.....	22.0	.....	17.1	13.9	.....
GEORGIA.....	1880	33 2 4	83 42 0	Jones.....	10.2 miles WNW. of Gray, Jones County.....	.....	.....	.....	.....	.....
	1890	33 0 0	83 40 17	Jones.....	7.0 miles N. by W. of Gray, Jones County.....	2.9	.....	2.4	1.7	.....
	1900	32 56 38	83 38 24	Jones.....	7.3 miles N. by W. of Macon, Bibb County.....	4.3	.....	3.9	1.8	.....
	1910	32 54 25	83 37 8	Jones.....	4.5 miles SSE. of E. of Macon, Bibb County.....	2.8	.....	2.5	1.2	.....
	1920	32 54 17	83 36 32	Jones.....	7.9 miles SW. by S. of Gray, Jones County.....	0.6	.....	0.2	0.6	.....
IDAHO.....	1880	43 59 34	114 24 4	Custer.....	19.5 miles E. by S. of Pierson, Custer County.....	.....	.....	.....	.....	.....
	1890	44 12 41	114 27 33	Custer.....	4.8 miles S. by W. of Clayton, Custer County.....	15.4	15.1	.....	.....	2.9
	1900	44 36 14	114 37 19	Lemhi.....	13.0 miles S. by E. of Meyers Cove, Lemhi County.....	28.3	27.1	.....	.....	8.1
	1910	44 30 50	114 47 38	Custer.....	6.6 miles NE. of Sunbeam, Custer County.....	10.5	.....	6.2	.....	8.5
	1920	44 14 12	114 35 17	Custer.....	27.4 miles SW. by S. of Challis, Custer County.....	21.7	.....	19.1	10.2	.....



TABLE 9.—CENTERS OF POPULATION OF EACH STATE: 1880 TO 1920—Continued.

STATE.	Census year.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.		MOVEMENT IN MILES DURING PRECEDING DECADE.					
				County.	Nearest city or town.	From point to point in direct line.	Northward.	Southward.	Eastward.	Westward.	
ILLINOIS.....	1880	40 26 47	88 57 44	McLean.....	2.8 miles SE. of Bloomington, McLean County.....	18.4	14.3			11.6	
	1890	40 39 14	88 44 34	McLean.....	2.0 miles E. by N. of Lexington, McLean County.....	10.8	8.7			6.4	
	1900	40 46 48	88 37 12	Livingston.....	1.5 miles N. by E. of Weston, McLean County.....	6.4	5.4			3.4	
	1910	40 51 29	88 33 18	Livingston.....	4.0 miles SE. of Pontiac, Livingston County.....	7.1	6.1			3.7	
	1920	40 56 45	88 29 1	Livingston.....	8.0 miles NE. by E. of Pontiac, Livingston County.....						
INDIANA.....	1880	39 51 33	86 13 26	Marion.....	2.0 miles SE. of New Augusta, Marion County.....	1.7	1.5			0.7	
	1890	39 52 53	86 14 16	Marion.....	0.5 mile N. of New Augusta, Marion County.....	2.0	2.0			0.2	
	1900	39 54 36	86 14 3	Marion.....	2.0 miles N. by E. of New Augusta, Marion County.....	2.9	2.5				1.5
	1910	39 56 49	86 15 47	Boone.....	0.3 mile W. by N. of Zionsville, Boone County.....	4.3	3.9				1.7
	1920	40 0 14	86 17 16	Boone.....	4.4 miles NNW. of Zionsville, Boone County.....						
IOWA.....	1880	41 51 40	92 56 53	Marshall.....	1.8 miles SW. of Laurel, Marshall County.....	5.2	5.0				1.6
	1890	41 56 2	92 58 43	Marshall.....	2.9 miles NW. of Laurel, Marshall County.....	14.1		0.3			14.1
	1900	41 55 45	93 15 11	Story.....	2.6 miles NE. by E. of Collins, Story County.....	2.3	2.3				0.1
	1910	41 57 43	93 15 18	Story.....	4.8 miles SE. of Colo, Story County.....	2.4	1.2				2.1
	1920	41 58 45	93 17 43	Story.....	2.8 miles S. by E. of Colo, Story County.....						
KANSAS.....	1880	38 36 11	96 41 7	Morris.....	3.3 miles SSW. of Wilsey, Morris County.....	24.6		3.6			24.3
	1890	38 33 1	97 8 0	Marion.....	1.7 miles E. of Tampa, Marion County.....	22.3		0.7		22.3	
	1900	38 32 25	96 43 21	Morris.....	7.2 miles SSW. of Wilsey, Morris County.....	6.6		3.3			5.7
	1910	38 29 31	96 49 41	Marion.....	7.0 miles E. by S. of Lincolnville, Marion County.....	2.3		2.3			0.4
	1920	38 27 33	96 50 9	Marion.....	7.3 miles SE. by E. of Lincolnville, Marion County.....						
KENTUCKY.....	1880	37 42 40	85 26 30	Nelson.....	1.7 miles N. by W. of Holycross, Marion County.....	4.2	0.1			4.2	
	1890	37 42 46	85 21 52	Washington.....	1.0 mile E. of Blincoe, Washington County.....	2.7		0.6			2.6
	1900	37 42 15	85 24 40	Marion.....	2.0 miles ENE. of Holycross, Marion County.....	3.0	0.3			2.9	
	1910	37 42 29	85 21 29	Washington.....	1.4 miles E. by S. of Blincoe, Washington County.....	5.6		0.2		5.6	
	1920	37 42 21	85 15 24	Washington.....	2.5 miles NW. by W. of Springfield, Washington County.....						
LOUISIANA.....	1880	30 49 29	91 21 8	West Feliciana <sup>1</sup>	4.3 miles NNE. of Bayou Sara, West Feliciana Parish.....	8.3	1.4				8.2
	1890	30 50 40	91 29 24	West Feliciana <sup>1</sup>	4.0 miles SSE. of Brandon, West Feliciana Parish.....	3.0		2.0			2.3
	1900	30 48 56	91 31 46	Pointe Coupee <sup>1</sup>	2.4 miles NE. of Racocourei, Pointe Coupee Parish.....	2.0		0.2			2.0
	1910	30 48 47	91 33 50	Pointe Coupee <sup>1</sup>	1.0 mile N. by E. of Racocourei, Pointe Coupee Parish.....	4.2	3.1				2.8
	1920	30 51 28	91 36 40	Pointe Coupee <sup>1</sup>	4.9 miles NNW. of Racocourei, Pointe Coupee Parish.....						
MAINE.....	1880	44 55 10	69 32 46	Somerset.....	4.8 miles ESE. of Athens post office, Somerset County.....	2.2	2.2			0.1	
	1890	44 57 3	69 32 36	Somerset.....	4.7 miles E. of Athens post office, Somerset County.....	1.0	0.9				0.4
	1900	44 57 52	69 33 5	Somerset.....	4.3 miles ENE. of Athens post office, Somerset County.....						
	1910	44 47 2	69 29 49	Somerset.....	2.3 miles E. by S. of Canaan post office, Somerset County.....	12.8		12.5		2.7	
	1920	44 46 44	69 31 2	Somerset.....	1.3 miles SE. of Canaan post office, Somerset County.....	1.0		0.3			1.0
MARYLAND.....	1880	39 9 4	76 41 17	Anne Arundel.....	0.8 mile SE. of Harmans, Anne Arundel County.....	0.5	0.5				0.1
	1890	39 9 32	76 41 21	Anne Arundel.....	0.5 mile E. of Harmans, Anne Arundel County.....	0.8	0.1				0.8
	1900	39 9 36	76 42 15	Anne Arundel.....	0.4 mile W. by N. of Harmans, Anne Arundel County.....	0.6	0.5				0.3
	1910	39 10 1	76 42 36	Anne Arundel.....	0.9 mile NW. of Harmans, Anne Arundel County.....	1.6	1.2				1.0
	1920	39 11 3	76 43 40	Anne Arundel.....	2.9 miles NNW. of Harmans, Anne Arundel County.....						
MASSACHUSETTS.....	1880	42 22 30	71 28 15	Middlesex.....	3.0 miles W. by S. of Sudbury post office, Middlesex County.....						
	1890	42 22 30	71 28 10	Middlesex.....	2.9 miles W. by S. of Sudbury post office, Middlesex County.....	0.1				0.1	
	1900	42 22 19	71 28 8	Middlesex.....	2.9 miles WSW. of Sudbury post office, Middlesex County.....	0.2		0.2		0.03	
	1910	42 22 23	71 25 8	Middlesex.....	0.5 mile SSW. of Sudbury post office, Middlesex County.....	2.6	0.1			2.6	
	1920	42 22 18	71 25 45	Middlesex.....	0.8 mile SSW. of Sudbury post office, Middlesex County.....	0.5		0.1			0.5
MICHIGAN.....	1880	43 3 29	84 38 36	Clinton.....	5.8 miles NNW. of St. Johns, Clinton County.....	14.3	13.7				4.2
	1890	43 15 24	84 43 38	Gratiot.....	5.5 miles N. by W. of Middleton, Gratiot County.....	6.8	6.4				2.2
	1900	43 21 0	84 46 19	Gratiot.....	9.2 miles WNW. of Ithaca, Gratiot County.....	1.6		1.2		1.1	
	1910	43 19 55	84 45 0	Gratiot.....	7.7 miles WNW. of Ithaca, Gratiot County.....	23.1		15.7		16.9	
	1920	43 6 17	84 24 59	Clinton.....	10.4 miles NE. of St. Johns, Clinton County.....						
MINNESOTA.....	1880	44 47 33	93 44 41	Carver.....	1.6 miles E. by S. of Young America, Carver County.....	21.4	20.9				4.8
	1890	45 5 42	93 50 36	Wright.....	3.6 miles ENE. of Montrose, Wright County.....	13.3	11.2				7.2
	1900	45 15 29	93 59 24	Wright.....	2.2 miles N. by E. of Maple Lake, Wright County.....	10.2	7.9			6.4	
	1910	45 22 23	93 51 29	Sherburne.....	1.9 miles SE. of Becker, Sherburne County.....	3.5	3.5			0.4	
	1920	45 25 26	93 51 1	Sherburne.....	2.8 miles NNE. of Becker, Sherburne County.....						
MISSISSIPPI.....	1880	33 2 50	89 42 6	Attala.....	4.0 miles ENE. of Sallis, Attala County.....	3.6		3.4			1.3
	1890	35 59 52	89 43 26	Attala.....	3.5 miles SE. of Sallis, Attala County.....	5.1		4.9			1.3
	1900	32 55 37	89 44 46	Attala.....	7.0 miles SE. by S. of Sallis, Attala County.....	1.8		1.7			0.6
	1910	32 54 7	89 45 22	Attala.....	8.5 miles S. by E. of Sallis, Attala County.....	1.7	1.7				0.2
	1920	32 55 35	89 45 37	Attala.....	7.0 miles S. by E. of Sallis, Attala County.....						
MISSOURI.....	1880	38 42 32	92 25 8	Moniteau.....	2.6 miles NW. of Marion, Cole County.....	5.4		4.8			2.5
	1890	38 38 19	92 27 57	Moniteau.....	2.9 miles NW. of Centertown, Cole County.....	3.1		2.5		1.8	
	1900	38 36 11	92 25 55	Cole.....	0.6 mile SW. of Centertown, Cole County.....	7.7		3.7		6.8	
	1910	38 33 0	92 18 25	Cole.....	6.5 miles WSW. of Jefferson City, Cole County.....	1.8	0.3			1.8	
	1920	38 33 17	92 16 23	Cole.....	4.0 miles SW. by W. of Jefferson City, Cole County.....						
MONTANA.....	1880	46 23 5	111 43 16	Broadwater.....	19.7 miles SE. of Helena, Lewis and Clark County.....	11.9	10.0				6.4
	1890	46 31 45	111 51 22	Jefferson.....	9.3 miles ESE. of Helena, Lewis and Clark County.....	12.5	3.4			12.0	
	1900	46 34 45	111 36 18	Broadwater.....	19.7 miles E. by N. of Helena, Lewis and Clark County.....	30.0	7.8			29.0	
	1910	46 41 31	110 59 49	Meagher.....	9.8 miles NNW. of White Sulphur Springs, Meagher County.....						
	1920	46 52 36	110 14 2	Judith Basin.....	9.7 miles SW. of Utica, Judith Basin County.....	38.3	12.8			36.1	

<sup>1</sup> Parish.



TABLE 9.—CENTERS OF POPULATION OF EACH STATE: 1880 TO 1920—Continued.

STATE.	Census year.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.		MOVEMENT IN MILES DURING PRECEDING DECADE.					
				County.	Nearest city or town.	From point to point in direct line.	Northward.	Southward.	Eastward.	Westward.	
		° ' "	° ' "								
NEBRASKA.....	1880	40 57 47	97 20 43	Seward.....	4.7 miles N. by E. of Utica, Seward County.....						
	1890	41 5 54	97 43 34	Polk.....	3.5 miles ENE. of Polk, Polk County.....	22.0	9.3				19.9
	1900	41 8 43	97 42 10	Polk.....	6.2 miles WNW. of Stromburg, Polk County.....	3.4	3.2		1.2		
	1910	41 11 13	97 50 17	Merriek.....	1.7 miles S. of Clarks, Merriek County.....	7.7	2.9				7.1
	1920	41 12 32	97 57 0	Merriek.....	5.8 miles W. by S. of Clarks, Merriek County.....	6.0	1.5				5.8
NEVADA.....	1880	39 41 41	117 59 22	Churchill.....	2.5 miles SSE. of Boyer, Churchill County.....						
	1890	39 31 55	118 1 46	Churchill.....	13.8 miles S. by W. of Boyer, Churchill County.....	11.4		11.2			2.1
	1900	39 51 36	117 49 23	Churchill.....	13.3 miles NE. of Boyer, Churchill County.....	25.1	22.6		11.0		
	1910	39 16 48	117 33 18	Lander.....	20.3 miles SE. of Alpine, Churchill County.....	42.4		40.0	14.2		
	1920	39 20 41	117 31 23	Lander.....	26.2 miles WSW. of Austin, Lander County.....	4.8	4.5		1.7		
NEW HAMPSHIRE.....	1880	43 26 25	71 35 50	Belknap.....	0.2 mile W. by S. of Tilton, Belknap County.....						
	1890	43 26 1	71 35 23	Merrimack.....	0.6 mile S. by E. of Tilton, Belknap County.....	0.6		0.5	0.4		
	1900	43 26 1	71 34 44	Merrimack.....	0.9 mile SE. of Tilton, Belknap County.....	0.5			0.5		
	1910	43 21 18	71 32 10	Merrimack.....	2.2 miles NE. of Canterbury post office, Merrimack County.....	5.8		5.4	2.1		
	1920	43 21 30	71 32 17	Merrimack.....	2.4 miles NE. by N. of Canterbury post office, Merrimack County.....	0.2	0.2				0.1
NEW JERSEY.....	1880	40 25 48	74 31 1	Middlesex.....	5.5 miles SW. of New Brunswick, Middlesex County.....						
	1890	40 37 19	74 30 14	Somerset.....	2.8 miles NW. of Dunellen, Middlesex County.....	13.2	13.2		0.7		
	1900	40 27 54	74 29 37	Middlesex.....	3.0 miles SW. by W. of New Brunswick, Middlesex County.....	10.8		10.8	0.5		
	1910	40 29 24	74 26 20	Middlesex.....	First ward of New Brunswick, Middlesex County.....	3.4	1.7		2.9		
	1920	40 28 19	74 24 34	Middlesex.....	2.2 miles SE. of New Brunswick, Middlesex County.....	2.0		1.2	1.6		
NEW MEXICO.....	1880	35 9 35	106 10 35	Santa Fe.....	5.0 miles SE. of San Pedro, Santa Fe County.....						
	1890	34 58 19	106 9 1	Torrance.....	6.4 miles W. by S. of Moriarty, Torrance County.....	13.1		13.0	1.5		
	1900	34 55 0	106 9 41	Bernalillo.....	7.5 miles WSW. of Moriarty, Torrance County.....	3.8		3.8			0.6
	1910	34 49 5	105 43 8	Torrance.....	19.5 miles ENE. of Estancia, Torrance County.....	26.0		6.8	25.1		
	1920	34 44 34	105 55 13	Torrance.....	8.0 miles E. by S. of Estancia, Torrance County.....	12.6		5.2			11.5
NEW YORK.....	1880	42 0 4	74 54 50	Delaware.....	3.0 miles NW. by W. of Craigclaire, Sullivan County.....						
	1890	41 54 51	74 51 56	Sullivan.....	1.8 miles W. by N. of Livingston Manor, Sullivan County.....	6.5		6.0	2.5		
	1900	41 48 0	74 45 51	Sullivan.....	1.2 miles SW. of Liberty, Sullivan County.....	9.5		7.9	5.2		
	1910	41 39 29	74 51 50	Sullivan.....	0.7 mile NW. by W. of Forestine, Sullivan County.....	11.0		9.8			5.1
	1920	41 36 13	74 50 59	Sullivan.....	3.8 miles S. by W. of Forestine, Sullivan County.....	3.9		3.8	0.7		
NORTH CAROLINA.....	1880	35 38 35	79 18 37	Chatham.....	2.2 miles NNW. of Goldston, Chatham County.....						
	1890	35 38 22	79 25 11	Chatham.....	2.5 miles S. of Mount Vernon Springs, Chatham County.....	6.2		0.2			6.2
	1900	35 38 13	79 28 37	Chatham.....	4.2 miles SW. of Mount Vernon Springs, Chatham County.....	3.2		0.2			3.2
	1910	35 37 23	79 29 49	Chatham.....	3.3 miles ENE. of Cheeks, Randolph County.....	1.5		1.0			1.1
	1920	35 36 48	79 31 27	Chatham.....	3.0 miles SW. by S. of Mount Vernon Springs, Chatham County.....	1.7		0.7			1.5
NORTH DAKOTA.....	1880	47 2 3	98 9 37	Barnes.....	2.0 miles SW. of Matteson, Barnes County.....						
	1890	47 28 35	98 20 25	Griggs.....	7.2 miles SW. of Jessie, Griggs County.....	31.6	30.5				8.4
	1900	47 31 40	98 42 27	Foster.....	6.6 miles SW. of McHenry, Foster County.....	17.6	3.5				17.2
	1910	47 30 32	99 39 47	Wells.....	3.5 miles NE. of Bowdon, Wells County.....	44.7		1.3			44.7
	1920	47 28 43	99 46 27	Wells.....	2.5 miles WNW. of Bowdon, Wells County.....	5.6		2.1			5.2
OHIO.....	1880	40 20 17	82 53 48	Delaware.....	3.7 miles E. by N. of Kilbourne, Delaware County.....						
	1890	40 22 59	82 53 56	Morrow.....	4.9 miles WSW. of Marengo, Morrow County.....	3.1	3.1				0.1
	1900	40 24 12	82 54 45	Morrow.....	5.4 miles W. of Marengo, Morrow County.....	1.6	1.4				0.7
	1910	40 28 48	82 48 25	Morrow.....	1.5 miles E. by N. of Fulton, Morrow County.....	7.7	5.3		5.6		
	1920	40 33 11	82 41 36	Morrow.....	7.6 miles E. of Mount Gilead, Morrow County.....	7.8	5.0		6.0		
OKLAHOMA.....	1890	35 18 58	96 28 1	Seminole.....	5.0 miles WSW. of Bearden, Okfuskee County.....						
	1900	35 30 25	96 57 32	Lincoln.....	3.3 miles W. of Meeker, Lincoln County.....	30.7	13.2				27.7
	1910	35 28 19	97 5 28	Lincoln.....	3.0 miles NNE. of McLoud, Pottawatomie County.....	7.9		2.4			7.5
	1920	35 28 33	96 52 48	Lincoln.....	2.0 miles SSE. of Meeker, Lincoln County.....	11.9	0.3		11.9		
OREGON.....	1880	44 39 37	122 18 0	Linn.....	9.1 miles WSW. of Detroit, Marion County.....						
	1890	44 46 13	122 0 9	Marion.....	7.8 miles ENE. of Detroit, Marion County.....	16.5	7.6		14.7		
	1900	44 55 58	121 56 0	Clackamas.....	18.0 miles NE. by N. of Detroit, Marion County.....	11.7	11.2		3.4		
	1910	44 52 12	122 12 4	Marion.....	10.8 miles NNW. of Detroit, Marion County.....	13.9		4.3			13.2
	1920	44 55 41	122 13 33	Clackamas.....	24.6 miles SE. of Marquam, Clackamas County.....	4.2	4.0				1.2
PENNSYLVANIA.....	1880	40 35 18	77 10 2	Juniata.....	11.6 miles E. by N. of Millintown, Juniata County.....						
	1890	40 35 14	77 12 30	Juniata.....	9.5 miles E. by N. of Millintown, Juniata County.....	2.2		0.1			2.2
	1900	40 35 50	77 15 5	Juniata.....	7.4 miles ENE. of Millintown, Juniata County.....	2.4	0.7				2.5
	1910	40 32 54	77 17 50	Juniata.....	5.5 miles SE. by E. of Millintown, Juniata County.....	4.2		3.4			2.4
	1920	40 32 5	77 18 30	Juniata.....	5.2 miles SE. of Millintown, Juniata County.....	1.1		0.9			0.6
RHODE ISLAND.....	1880	41 46 14	71 27 40	Providence.....	4.1 miles SW. by S. of Providence post office, Providence County.....						
	1890	41 46 46	71 27 49	Providence.....	3.7 miles SW. of Providence post office, Providence County.....	0.6	0.6				0.1
	1900	41 47 5	71 27 42	Providence.....	3.4 miles SW. of Providence post office, Providence County.....	0.4	0.4		0.1		
	1910	41 47 24	71 27 40	Providence.....	3.1 miles SW. by W. of Providence post office, Providence County.....	0.4	0.4		0.02		
	1920	41 47 43	71 26 27	Providence.....	2.3 miles SW. of Providence post office, Providence County.....	1.2	0.4		1.1		
SOUTH CAROLINA.....	1880	33 58 47	80 58 46	Richland.....	3.4 miles SE. by E. of Columbia, Richland County.....						
	1890	33 59 12	80 58 50	Richland.....	3.2 miles ESE. of Columbia, Richland County.....	0.5	0.5				0.1
	1900	34 0 18	80 59 49	Richland.....	1.3 miles E. by N. of Columbia, Richland County.....	1.6	1.3				0.9
	1910	34 2 2	81 4 1	Richland.....	3.3 miles NW. of Columbia, Richland County.....	4.5	2.0				4.0
	1920	34 2 35	81 3 42	Richland.....	4.0 miles NW. of Columbia, Richland County.....	0.7	0.6		0.3		

TABLE 9.—CENTERS OF POPULATION OF EACH STATE: 1880 TO 1920—Continued.

STATE.	Census year.	North latitude.			West longitude.			APPROXIMATE LOCATION BY IMPORTANT TOWNS.		MOVEMENT IN MILES DURING PRECEDING DECADE.				
								County.	Nearest city or town.	From point to point in direct line.	Northward.	Southward.	Eastward.	Westward.
SOUTH DAKOTA.....	1880	43	59	28	98	18	4	Sanborn.....	5.0 miles SSW. of Woonsocket, Sanborn County.....	.....	.....	.....	.....	.....
	1890	44	16	52	98	24	26	Beadle.....	1.5 miles S. by E. of Virgil, Beadle County.....	20.7	20.0	.....	.....	5.3
	1900	44	21	20	98	25	9	Beadle.....	10.0 miles W. by S. of Huron, Beadle County.....	5.1	5.1	.....	.....	0.6
	1910	44	19	48	98	50	6	Hand.....	8.0 miles N. of Danforth, Hand County.....	20.6	.....	1.8	.....	20.5
	1920	44	19	25	98	40	39	Beadle.....	13.6 miles NW. by W. of Virgil, Beadle County.....	7.8	.....	0.4	7.8	.....
TENNESSEE.....	1880	35	50	9	86	38	37	Williamson.....	4.6 miles SE. of Arrington, Williamson County.....	.....	.....	.....	.....	.....
	1890	35	50	7	86	35	58	Rutherford.....	5.4 miles NW. by N. of Rockvale, Rutherford County.....	2.5	.....	0.03	2.5	.....
	1900	35	50	6	86	36	19	Rutherford.....	5.6 miles NW. of Rockvale, Rutherford County.....	0.3	.....	0.02	.....	0.3
	1910	35	49	16	86	33	47	Rutherford.....	4.5 miles W. of Overfall, Rutherford County.....	2.6	.....	1.0	2.4	.....
	1920	35	48	53	86	32	1	Rutherford.....	8.4 miles SW. by W. of Murfreesboro, Rutherford County.....	1.7	.....	0.4	1.7	.....
TEXAS.....	1880	31	20	50	96	38	30	Limestone.....	6.4 miles SW. of Thornton, Limestone County.....	.....	.....	.....	.....	.....
	1890	31	26	11	96	50	52	Falls.....	3.0 miles WSW. of Otto, Falls County.....	13.7	6.2	.....	.....	12.2
	1900	31	28	35	96	52	26	Falls.....	4.5 miles NNW. of Otto, Falls County.....	3.2	2.8	.....	.....	1.5
	1910	31	31	23	97	15	14	McLennan.....	7.0 miles WSW. of Waco, McLennan County.....	22.6	3.2	.....	.....	22.4
	1920	31	28	34	97	19	12	McLennan.....	12.1 miles SW. of Waco, McLennan County.....	5.0	.....	3.2	.....	3.9
UTAH.....	1880	40	13	56	111	54	30	Utah.....	26.6 miles W. by S. of Provo, Utah County.....	.....	.....	.....	.....	.....
	1890	40	18	53	111	46	47	Utah.....	4.6 miles SSE. of American Fork, Utah County.....	8.9	5.7	.....	6.8	.....
	1900	40	16	2	111	45	29	Utah.....	4.7 miles WNW. of Provo, Utah County.....	3.5	.....	3.3	1.1	.....
	1910	40	23	6	111	47	46	Utah.....	1.4 miles ENE. of American Fork, Utah County.....	8.3	8.1	.....	.....	2.0
	1920	40	22	19	111	47	4	Utah.....	1.5 miles SE. of American Fork, Utah County.....	1.1	.....	0.9	0.6	.....
VERMONT.....	1880	44	1	45	72	43	5	Washington.....	3.8 miles S. by E. of Roxbury post office, Washington County.....	.....	.....	.....	.....	.....
	1890	44	2	38	72	42	48	Washington.....	3.0 miles SE. by S. of Roxbury post office, Washington County.....	1.0	1.0	.....	0.2	.....
	1900	44	3	18	72	39	1	Orange.....	2.0 miles NW. of Brookfield post office, Orange County.....	3.2	0.8	.....	3.1	.....
	1910	44	3	0	72	44	56	Washington.....	2.6 miles S. by W. of Roxbury post office, Washington County.....	4.9	.....	0.3	.....	4.9
	1920	44	2	46	72	45	3	Washington.....	2.9 miles SSW. of Roxbury post office, Washington County.....	0.3	.....	0.3	.....	0.1
VIRGINIA.....	1880	37	29	34	78	29	51	Buckingham.....	3.2 miles NNE. of Arcanum, Buckingham County.....	.....	.....	.....	.....	.....
	1890	37	28	31	78	33	29	Buckingham.....	2.9 miles NW. of Arcanum, Buckingham County.....	3.5	.....	1.2	.....	3.3
	1900	37	26	19	78	32	54	Buckingham.....	1.9 miles W. by S. of Arcanum, Buckingham County.....	2.5	.....	2.5	0.5	.....
	1910	37	25	5	78	33	58	Buckingham.....	3.5 miles SW. of Arcanum, Buckingham County.....	1.7	.....	1.4	.....	1.0
	1920	37	23	38	78	30	23	Buckingham.....	3.8 miles S. by E. of Arcanum, Buckingham County.....	3.7	.....	1.7	3.3	.....
WASHINGTON.....	1880	47	5	32	120	36	29	Kittitas.....	4.3 miles ENE. of Thorp, Kittitas County.....	.....	.....	.....	.....	.....
	1890	47	15	44	120	52	30	Kittitas.....	5.8 miles ENE. of Roslyn, Kittitas County.....	17.2	11.7	.....	.....	12.6
	1900	47	19	50	120	46	35	Kittitas.....	7.8 miles NW. of Liberty, Kittitas County.....	6.6	4.7	.....	4.6	.....
	1910	47	23	6	121	4	16	Kittitas.....	12.7 miles NNW. of Roslyn, Kittitas County.....	12.0	3.8	.....	.....	11.4
	1920	47	24	5	121	14	24	Kittitas.....	17.2 miles NW. by N. of Roslyn, Kittitas County.....	8.0	1.1	.....	.....	7.9
WEST VIRGINIA.....	1880	38	53	20	80	37	47	Braxton.....	2.5 miles NNE. of Burnsville, Braxton County.....	.....	.....	.....	.....	.....
	1890	38	49	59	80	41	26	Braxton.....	2.7 miles SW. of Burnsville, Braxton County.....	5.1	.....	3.9	.....	3.3
	1900	38	48	7	80	44	22	Braxton.....	1.4 miles W. by S. of Delta or Braxton post office, Braxton County.....	3.3	.....	2.1	.....	2.6
	1910	38	45	32	80	49	12	Braxton.....	1.8 miles NW. of Chapel, Braxton County.....	5.2	.....	3.0	.....	4.3
	1920	38	42	36	80	52	55	Braxton.....	4.5 miles NW. of Gassaway, Braxton County.....	4.7	.....	3.4	.....	3.3
WISCONSIN.....	1880	43	44	57	89	17	6	Marquette.....	3.8 miles SE. of Montello, Marquette County.....	.....	.....	.....	.....	.....
	1890	43	53	27	89	18	22	Marquette.....	2.3 miles W. of Germania, Marquette County.....	9.9	9.8	.....	.....	1.1
	1900	43	57	29	89	18	43	Marquette.....	5.1 miles W. by S. of Neshkoro, Marquette County.....	4.6	4.6	.....	.....	0.3
	1910	43	56	53	89	14	10	Marquette.....	2.2 miles SW. of Neshkoro, Marquette County.....	3.9	.....	0.7	3.8	.....
	1920	43	55	42	89	12	46	Marquette.....	2.6 miles S. of Neshkoro, Marquette County.....	1.8	.....	1.4	1.2	.....
WYOMING.....	1880	42	10	48	106	39	14	Carbon.....	4.7 miles S. by E. of Leo, Carbon County.....	.....	.....	.....	.....	.....
	1890	42	24	46	106	36	27	Carbon.....	12.3 miles NNW. of Shirley, Carbon County.....	16.3	16.1	.....	2.4	.....
	1900	42	32	14	106	52	39	Natrona.....	7.8 miles W. by S. of Alcova, Natrona County.....	16.3	8.6	.....	.....	13.8
	1910	42	42	0	107	0	7	Natrona.....	6.8 miles SE. of Oilcity, Natrona County.....	12.9	11.2	.....	.....	6.4
	1920	42	48	58	106	54	38	Natrona.....	10.3 miles NE. by E. of Oilcity, Natrona County.....	9.2	8.0	.....	4.6	.....



## CENTER OF AREA.

In connection with the location of the center of population of the United States, it is of interest to note also the position of what may be termed the center of area—that is, the point on which the surface of continental United States would balance, if it were a plane of uniform weight per unit of area. This point is located in northern Kansas, 10 miles north of Smith Center, the county seat of Smith County, approximate latitude  $39^{\circ} 55'$ , longitude  $98^{\circ} 50'$ , and is, therefore,  $44^{\circ} 39''$  (51.3 miles) north and  $12^{\circ} 6' 45''$  (647.4 miles) west of the center of population. Its location is shown on Plate No. 122 designating the position of the median lines. This would be the center of population, if the population were distributed evenly over the territory of continental United States.

The Geological Survey, Department of the Interior, has determined the center of area of each state as given in Table 10 and as shown on the map on Plate No. 138.

TABLE 10.—GEOGRAPHIC CENTERS OF THE STATES.

STATE.	County.	Approximate location.
Alabama.....	Chilton.....	12 miles southwest of Clanton.
Arizona.....	Yavapai.....	45 miles southeast of Prescott.
Arkansas.....	Pulaski.....	12 miles northwest of Little Rock.
California.....	Madera.....	35 miles northeast of Madera.
Colorado.....	Park.....	30 miles northwest of Pikes Peak.
Connecticut.....	Hartford.....	At East Berlin.
Delaware.....	Kent.....	11 miles east of Dover.
District of Columbia.....		Near corner of 4th and L Streets, N.W.
Florida.....	Citrus.....	12 miles north-northwest of Brookville.
Georgia.....	Twiggs.....	18 miles southeast of Macon.
Idaho.....	Custer.....	At Custer.
Illinois.....	Logan.....	28 miles northeast of Springfield.
Indiana.....	Boone.....	14 miles north-northwest of Indianapolis.
Iowa.....	Story.....	5 miles northeast of Ames.
Kansas.....	Barton.....	15 miles northeast of Great Bend.
Kentucky.....	Marion.....	3 miles north-northwest of Lebanon.
Louisiana.....	Avoynes.....	3 miles southeast of Marksville.
Maine.....	Piscataquis.....	18 miles north of Dover.
Maryland.....	Anne Arundel.....	3 miles east of Collington.
Massachusetts.....	Worcester.....	Northern part of city of Worcester.
Michigan.....	Wexford.....	5 miles north-northwest of Cadillac.
Minnesota.....	Crow Wing.....	10 miles southwest of Brainerd.
Mississippi.....	Leake.....	9 miles west-northwest of Carthage.
Missouri.....	Miller.....	20 miles southwest of Jefferson City.
Montana.....	Fergus.....	12 miles west of Lewiston.
Nebraska.....	Custer.....	10 miles north-southwest of Broken Bow.
Nevada.....	Lander.....	24 miles southeast of Austin.
New Hampshire.....	Belknap.....	3 miles east of Ashland.
New Jersey.....	Mercer.....	5 miles southeast of Trenton.
New Mexico.....	Torrance.....	12 miles south-southwest of Willard.
New York.....	Madison.....	6 miles south-southeast of Oneida.
North Carolina.....	Chatham.....	10 miles northwest of Sanford.
North Dakota.....	Sheridan.....	25 miles northeast of Washburn.
Ohio.....	Delaware.....	25 miles north-northeast of Columbus.
Oklahoma.....	Oklahoma.....	8 miles north of Oklahoma City.
Oregon.....	Crook.....	25 miles south-southwest of Prineville.
Pennsylvania.....	Centre.....	24 miles southwest of Bellefonte.
Rhode Island.....	Kent.....	1 mile south-southwest of Crompton.
South Carolina.....	Richland.....	13 miles southeast of Columbia.
South Dakota.....	Hughes.....	8 miles northeast of Pierre.
Tennessee.....	Rutherford.....	5 miles northeast of Murfreesboro.
Texas.....	McCulloch.....	20 miles northeast of Brady.
Utah.....	Sanpete.....	3 miles north of Manti.
Vermont.....	Washington.....	3 miles east of Roxbury.
Virginia.....	Appomattox.....	11 miles east-southeast of Amherst.
Washington.....	Chelan.....	10 miles west-southwest of Wenatchee.
West Virginia.....	Braxton.....	4 miles east of Sutton.
Wisconsin.....	Wood.....	9 miles southeast of Marshfield.
Wyoming.....	Fremont.....	58 miles east-northeast of Lander.

## CENTER OF FOREIGN-BORN POPULATION.

The movement of the center of the total population from census to census is the result of all migration, both interstate and foreign. In view of the change in the character of the foreign immigration and the large proportion of immigrants who are settling in the cities, the location of the center of foreign-born population and its movement from decade to decade is a matter of great interest.

On the map on Plate No. 121 the center of total population at each census from 1790 to 1920 is indicated, also the location of the center of the foreign-born population from 1880 to 1920. The location of the center of population and the median point were discussed on pages 7 to 13. At the census of 1910, the center of the foreign-born population was computed from 1880 to 1910, the center of this class of the population not having been worked at a previous census.

In 1880 the center of the foreign-born population was located in Monroe County, Mich., in latitude  $41^{\circ} 49' 52''$ , longitude  $83^{\circ} 44' 17''$ , approximately 15.5 miles northwest of Toledo, Ohio.

In 1890 the center had advanced almost  $2^{\circ}$  to the west. The opening of Oklahoma and the increase in the population of Texas drew the point to the south, when it was located in latitude  $41^{\circ} 22' 5''$ , longitude  $85^{\circ} 23' 17''$ , in Noble County, Ind., approximately 54.5 miles southeast of South Bend.

The falling off in the class of immigrants who settled in the far Western states is indicated by the change in the direction of the movement from 1890 to 1900, for in 1900 the center of the foreign-born population was located in Defiance County, Ohio, 18 miles northwest of Defiance, being in latitude  $41^{\circ} 22' 48''$ , almost the same latitude as in 1890, and longitude  $84^{\circ} 43' 21''$ , nearly a degree farther east. The eastern movement was due, as previously stated, to the newer immigration that settled principally in the large cities of the East.

In 1910 the center of foreign-born population was again located in Defiance County, Ohio, about 10.5 miles west of Defiance, in latitude  $41^{\circ} 17' 24''$ , showing a decided movement south, and in longitude  $84^{\circ} 36' 7''$ , showing a further advance toward the east, but not nearly as great as during the previous decade. This was undoubtedly due to the great increase in the foreign-born population of California, which, on account of its great distance from the center, has a much greater weight than an equal number of foreign-born in the Eastern and Middle states.

In 1920 the center of foreign-born population was located in latitude  $41^{\circ} 3' 45''$ , longitude  $84^{\circ} 49' 17''$ , in the eastern part of Allen County, Ind., about

10.8 miles east of New Haven and 16 miles east of Fort Wayne. For the first time in three decades the center of foreign-born population showed a western movement. From 1890 to 1900 it moved 35.6 miles in a northeasterly direction, and from 1900 to 1910, 8.2 miles in a southeasterly direction. At the latter censuses the center was located in Defiance County, Ohio, but in 1920 it moved just across the state boundary line into Allen County, Ind. The center in 1880 was located in Monroe County, Mich., and in 1890 in Noble County, Ind., so that in 30 years the center has returned to the state in which it was located in 1890.

The change in direction of the movement of this center from east to west is due principally to the increase in foreign-born white population in the state

of California. The total increase in the foreign-born white population of the United States was 367,209 and the increase in the states of Texas, California, and Arizona was 316,222, or 86 per cent of the total increase. Of the 20 states showing an increase in this element of their population from 1910 to 1920, 12 were located east of the meridian on which the center was located in 1920, and 7 were west, while 1 state, Michigan, is divided by the meridian. The states west of the meridian, however, had much greater increases in their foreign-born white population than the states east; the largest increases were in California, Michigan, and Texas.

The following table gives the center of foreign-born population at each census, and its movement in miles, also the location in relation to a city:

TABLE 11.—CENTER OF FOREIGN-BORN POPULATION: 1880 TO 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.				
				From point to point in direct line.	Eastward.	Westward.	Northward.	Southward.
1880.....	41° 49' 52"	83° 44' 17"	In Monroe County, Mich., 15.5 miles northwest of Toledo, Ohio.....	.....	.....	.....	.....	.....
1890.....	41° 22' 5"	85° 23' 17"	In Noble County, Ind., 54.5 miles southeast of South Bend, Ind.....	91.6	.....	85.8	.....	32.0
1900.....	41° 22' 48"	84° 43' 21"	In Defiance County, Ohio, 18 miles northwest of Defiance, Ohio.....	35.6	34.6	.....	8.2	.....
1910.....	41° 17' 24"	84° 36' 7"	In Defiance County, Ohio, 10.5 miles southwest of Defiance, Ohio.....	8.2	5.4	.....	.....	6.2
1920.....	41° 3' 45"	84° 49' 17"	In Allen County, Ind., 10.8 miles east of New Haven, Ind.....	18.9	.....	11.5	.....	15.0

#### CENTER OF NEGRO POPULATION.

The question of negro migration has always been one of great interest and, on the map on Plate 121, the location of the center of negro population of continental United States is indicated. The center of negro population was computed for 1790 and for each census from 1880 to 1920, no computations being made for the censuses from 1800 to 1870, inclusive. The movement of the center of negro population is an accurate index of the direction of negro migration. In 1790 the center of negro population was located in Dinwiddie County, Va., 25 miles west-southwest of Petersburg, in latitude 37° 4' 8" north, and longitude 77° 51' 21" west. In 1880 the center was located in northwestern Georgia, 10.4 miles east of Lafayette, in the eastern part of Walker County, latitude 34° 42' 14" north, longitude 85° 6' 56" west. From 1880 to 1890 the southwesterly movement of the center was continued, and it advanced 20.1 miles, to a point in Walker County, Ga., 10.5 miles southwest of Lafayette, latitude 34° 36' 18" north, longitude 85° 26' 49" west, about 4 miles east of the Alabama line. In 100 years it had moved southwest 463 miles, an average of 46 miles for each decade. From 1890 to 1900 its movement was greatly retarded, and it advanced only

9.1 miles southwest, across the Alabama-Georgia state line into Dekalb County, Ala., 10.7 miles northeast of Fort Payne, in northeastern Alabama, about 4 miles west of the Georgia line, latitude 34° 31' 16" north, longitude 85° 34' 35" west. In 1910 the center of negro population was located 5.4 miles north-northeast of Fort Payne, Dekalb County, Ala., in latitude 34° 30' 0" north, and longitude 85° 40' 43" west, its movement for the decade being 6.0 miles west-southwest. Its movement south was evidently greatly retarded by the migration of the negroes to the Northern and Eastern states. A study of the movement from 1790 to 1910 shows a steady advance in a southwesterly direction, but the distance covered at each decade is much smaller than the movement at the previous decade. In 1920 it moved back across the state line into Georgia and was located in latitude 34° 46' 52", and longitude 85° 30' 48", the eastern movement being 9' 55", or approximately 9.4 miles, and the northern movement being 16' 52", or 19.4 miles. Its location was approximately 1.8 miles north-northeast of Rising Fawn town, Dade County, Ga. For the first time in the history of the country, the center of negro population has moved northeast, its former movements having been in a southwesterly direction; this northeasterly movement was due prin-



cipally to the great increase in the negro population of Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, West Virginia, Ohio, Indiana, and Michigan. The total increase in the negro population of the United States was 635,368, and it will be noted that the increase in the Northern states mentioned was 56 per cent of the total increase. This hegrira north of the negro population was due mainly to the expansion of certain industries during the World War,

the high wages paid being the great attraction. It is probably true that this movement has been continued, due to the reduction of the cotton crop and the demand for common labor at higher wages in the North.

In the following table is given the latitude and longitude of the center of negro population at each census, also the distance moved during the decade, and the location of the center relative to a city or town:

TABLE 12.—CENTER OF NEGRO POPULATION: 1790 AND 1880 TO 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.				
				From point to point in direct line.	East- ward.	West- ward.	North- ward.	South- ward.
1790.....	37 4 8	77 51 21	25 miles west-southwest of Petersburg, Dinwiddie County, Va. ....					
1880.....	34 42 14	85 6 56	10.4 miles east of Lafayette, Walker County, Ga. ....	<sup>1</sup> 444.5		<sup>1</sup> 413.5		<sup>1</sup> 163.1
1890.....	34 36 18	85 26 49	10.5 miles southwest of Lafayette, Walker County, Ga. ....	20.1		18.9		6.8
1900.....	34 31 16	85 34 35	10.7 miles northeast of Fort Payne, Dekalb County, Ala. ....	9.1		7.02		5.8
1910.....	34 30 0	85 40 43	5.4 miles north-northeast of Fort Payne, Dekalb County, Ala. ....	6.0		5.8		1.5
1920.....	34 46 52	85 30 48	1.8 miles north-northeast of Rising Fawn, Dade County, Ga. ....	21.6	9.4		19.4	

<sup>1</sup> Movement from 1790 to 1880.

#### CENTERS OF URBAN AND RURAL POPULATION.

On Plate 121, in addition to centers of total and foreign-born population, are indicated the locations of the centers of urban and rural population in 1910 and 1920. As the centers of urban and rural population were not computed for previous censuses, no statement can be made as to the distance or direction in which these centers moved from 1900 to 1910 or during any previous decade. In 1910 not only was the center of urban population located, but the center of rural population was also ascertained—that is, the population excluding all places with 2,500 or more inhabitants in 1910, as well as the New England towns of that size. The center of urban population was located in 1910 in latitude 40° 16' 12" and longitude 83° 59' 22", in Champaign County, Ohio, 15.3 miles northeast of Piqua, Miami County, Ohio. In 1920 the center of urban population was located in latitude 40° 5' 7" and longitude 84° 40' 53", in Darke County, Ohio, 2.8 miles west-southwest of Greenville city.

In 1910 the center of rural population was located in latitude 38° 12' 36" and longitude 88° 39' 3", in Hamilton County, Ill., 16.7 miles southeast of Mount Vernon, Jefferson County, Ill. In 1920 the center of rural population was located in latitude 38° 12' 31"

and longitude 88° 49' 22", in Jefferson County, Ill., 8.5 miles southeast of Mount Vernon.

The location of these centers shows strikingly the preponderance of urban population in the northeastern portion of the United States, the center of urban population in 1920 being approximately 129.5 miles north and 225.4 miles east of the center of rural population. In a direct line the center of urban population was 260 miles northeast from the center of rural population.

From 1910 to 1920 the center of urban population moved 12.7 miles south and 36.7 miles west. During the same period the center of rural population moved 0.1 of a mile south and 9.4 miles west. The greater westward movement of the center of urban population is surprising, but it is probably due to the decrease in the number of immigrants, who usually settle in the eastern cities. The movement of the center of rural population west is significant as it is due to a decrease in the rural population of the east and a fair increase in the west. The increase in the rural population of the Mountain, Pacific, and West South Central divisions was the principal factor in the westward movement.

The latitude and longitude of these centers at each census, also the distance moved during the decade, and the location of the center relative to a city or town, are given in Tables 13 and 14.

TABLE 13.—CENTER OF URBAN POPULATION: 1910 AND 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
				From point to point in direct line.	Westward.	Northward.	Southward.
1910.....	° 40 16 12	° 83 59 22	15.3 miles northeast of Piqua, Miami County, Ohio.....	.....	.....	.....	.....
1920.....	° 40 5 7	° 84 40 53	2.8 miles west-southwest of Greenville, Darke County, Ohio.....	38.8	36.7	.....	12.7

TABLE 14.—CENTER OF RURAL POPULATION: 1910 AND 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
				From point to point in direct line.	Westward.	Northward.	Southward.
1910.....	° 38 12 36	° 88 39 3	In Hamilton County, Ill., 16.7 miles southeast of Mount Vernon, Jefferson County, Ill.	.....	.....	.....	.....
1920.....	° 38 12 31	° 88 49 22	8.5 miles southeast of Mount Vernon, Jefferson County, Ill.....	9.4	9.4	.....	0.1

## CENTERS OF AGRICULTURE.

The map on Plate 137 shows the location of center of population from 1790 to 1920, and the centers of the number of farms, total area in farms, improved acreage, farm values, agricultural products, and manufactures, from 1850 to 1920, and may be designated as a chart of the progress of the Nation, representing, as it does, the westward movement of population, agriculture, and manufactures.

## CENTER OF NUMBER OF FARMS.

The center of the number of farms in 1850 was located on the Ohio River, between Ohio and the present state of West Virginia, at nearly the same point as the center of corn production. From this position the center of the number of farms moved 116.8 miles in a northwesterly direction, and in 1860 reached a point 13 miles southeast of Xenia, Ohio. From 1860 to 1870 the center advanced 20.8 miles almost directly south to a position in Brown County, 31 miles east-northeast of Cincinnati, Ohio. From 1870 to 1880 the distance covered was 36.7 miles in a southwesterly direction across the Ohio River into Kentucky to a point 20 miles south by east of Newport. From 1880 to 1890 its progress of 100.1 miles was nearly due west into Indiana. From 1890 to 1900 it moved in a southwesterly direction 109.4 miles to a point 10 miles southeast of Fairfield, Wayne County, Ill. From 1900 to 1910 the center moved west-southwest 43.2 miles to a point 6.6 miles north-northwest of Benton, Franklin County, Ill. From 1910 to 1920 the southwestern movement was continued and the center advanced 25.9 miles and was located 4.2 miles southwest of Pinckneyville, Perry County, Ill.

## CENTER OF TOTAL FARM AREA.

The center of the number of acres of farm land, or total area in farms, in 1850 was located in Owsley County, Ky., the farthest south of any center shown on the map except the center of cotton production. From 1850 to 1870 it moved to a point 55 miles east by north of Evansville, Ind. From 1870 to 1880 it advanced in a westerly direction to a position 7.3 miles northeast of Carmi, Ill. From 1880 to 1890 it moved northwest across the state of Illinois to a point 6 miles north by west of Alton, Ill., its next movement being southwest to a location about 48 miles southwest of Jefferson City, Mo. The center of total farm area has not been computed since 1900.

## CENTER OF IMPROVED ACREAGE.

The center of improved acreage was first computed in 1900 when it was located in Pike County, Ill., 14 miles southeast by south of Pittsfield, in Pike County, Ill. From 1900 to 1910 it moved 65.1 miles, almost directly west to a point 9.2 miles east-northeast of Paris, Monroe County, Mo. From 1910 to 1920 its movement was northwest 47.8 miles to a point 3.8 miles south-southwest of New Cambria, Macon County, Mo.

## CENTER OF VALUE OF FARM PROPERTY.

The center of the value of farm property, which in 1850 was located 13 miles northwest of Clarksburg, in the present state of West Virginia, in 1860 had advanced south and west to a point 14 miles northwest of Portsmouth, Ohio. From 1860 to 1870 its movement was northwest to a position 13 miles northwest of Urbana, Ohio. From 1870 to 1900 it moved west

in a straight line across Indiana and Illinois to a point in Cass County, 16 miles north-northwest of Jacksonville, Morgan County, Ill. Its greatest westward movement, and the greatest advance made for any decade, approximately 175 miles, was from 1880 to 1890.

The center of value of farm property advanced, from 1900 to 1910, 103.6 miles directly west and was located 14 miles south-southwest of Edina, Knox County, Mo. This is not as great an advance as from 1880 to 1890, nor from 1850 to 1860, but is the third largest western advance it has made. From 1910 to 1920 it advanced 45.1 miles in a westerly direction to a point 3.6 miles northeast of Linneus, Linn County, Mo.

#### CENTER OF PRODUCTION OF CEREALS.

The center of cereals, comprising corn, wheat, oats, barley, buckwheat, and rye, was first computed in 1900 when it was located 6 miles south of Warsaw, in Hancock County, Ill. From 1900 to 1910 it moved 28.6 miles north-northwest to a point 19.1 miles west of Fort Madison, in Lee County, Iowa. From 1910 to 1920 it moved 46.6 miles southwest to a point 4 miles south of Edina, in Knox County, Mo.

#### CENTER OF CORN PRODUCTION.

The center of corn production has moved in a westerly direction, but more rapidly than the center of population, as from 1850 to 1860 it moved south of west 271.7 miles, the distance traversed being greater than the entire western movement of the center of population from 1850 to 1900. Its movement from 1860 to 1870 and from 1870 to 1880 was almost directly northwest. From 1880 to 1890 it advanced south of west to a point 2 miles southwest of Carrollton, Ill. The movement from 1890 to 1900 was so slight that it could hardly be indicated on the map, being only 17'' west and 2' 36'' north. The center of corn production was not computed in 1910, but

from 1900 to 1920 it moved almost directly east to a point 2.8 miles southeast of Hettick, Macoupin County, Ill.; the movement was only 24.9 miles.

#### CENTER OF WHEAT PRODUCTION.

The center of wheat production has made a greater western and northern movement than any other center, as will be noted from its location in 1900. Its greatest southern advance was made from 1880 to 1890, and its greatest northern movement from 1890 to 1900. The center of wheat production was not computed in 1910, but from 1900 to 1920 it moved in a southwesterly direction 81.7 miles, to a point 3.2 miles east of Hamburg, Fremont County, Iowa.

#### CENTER OF OATS PRODUCTION.

The other agricultural centers have moved in various erratic courses, but always in a general westerly direction, except the center of oats production, which from 1850 to 1860 moved north and east. From 1860 to 1890 the center of oats production moved almost due west along the forty-first parallel of latitude. From 1890 to 1900 its course was northwest to a point 8 miles west of south of Tipton, Iowa. Its greatest movement was from 1860 to 1870, approximately 244 miles. As the center of oats production was not computed in 1910, the movement is given from 1900 to 1920. At the latter date it was located 3.7 miles north-northwest of Hedrick, Keokuk County, Iowa, a movement of 69.8 miles. Since 1900 the general direction of the movement has been southwest.

The movements of the centers of the number of farms, value of farm property, area in farms, and of oats, corn, and wheat production, as indicated on the map, are widely divergent.

The latitude and longitude of these centers at each census, also the distance moved during the decade, and the location of the center relative to a city or town, are given in Table 15.



## STATISTICAL ATLAS.

TABLE 15.—POSITIONS OF THE CENTERS OF AGRICULTURE: 1850 TO 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.				
				From point to point in direct line.	Eastward.	Westward.	Northward.	Southward.
NUMBER OF FARMS.								
1850.....	39 14 54	81 43 38	10 miles east-southeast of Athens, in Athens County, Ohio.....					
1860.....	39 29 38	83 52 36	13 miles southeast of Xenia, in Clinton County, Ohio.....	116.8		115.6	16.9	
1870.....	39 11 48	83 56 44	31 miles east-northeast of Cincinnati, in Brown County, Ohio.....	20.8		3.7		20.5
1880.....	38 48 30	84 24 30	20 miles south by east of Newport, in Kenton County, Ky.....	36.7		25.0		26.8
1890.....	38 38 21	86 14 46	82 miles south by west of Indianapolis, in Washington County, Ind.....	100.1		99.4		11.7
1900.....	38 17 0	88 12 30	10 miles southeast of Fairfield, in Wayne County, Ill.....	109.4		106.6		24.5
1910.....	38 4 12	88 57 33	6.6 miles north-northwest of Benton, in Franklin County, Ill.....	43.2		40.6		14.7
1920.....	38 1 41	89 25 49	4.2 miles southwest of Pinekneyville, in Perry County, Ill.....	25.9		25.7		2.9
TOTAL AREA IN FARMS.								
1850.....	37 26 20	83 36 22	4.5 miles southeast of Booneville, in Owsley County, Ky.....					
1860.....	37 41 1	85 54 30	40 miles south by west of Louisville, in Hardin County, Ky.....	127.3		126.2	16.9	
1870.....	38 5 19	86 34 17	55 miles east by north of Evansville, in Perry County, Ind.....	38.2		26.1	27.9	
1880.....	38 8 28	88 2 43	7.3 miles northeast of Carmi, in White County, Ill.....	80.4		80.3	3.6	
1890.....	38 58 22	90 11 44	6 miles north by west of Alton, in Madison County, Ill.....	129.2		115.8	57.4	
1900.....	38 11 36	92 50 19	48 miles southwest of Jefferson City, in Camden County, Mo.....	153.6		143.9		53.8
IMPROVED ACREAGE.								
1900.....	39 26 20	90 39 20	14 miles southeast by south of Pittsfield, in Pike County, Ill.....					
1910.....	39 31 12	91 52 13	9.2 miles east-northeast of Paris, in Monroe County, Mo.....	65.1		64.9	5.6	
1920.....	39 38 21	92 45 11	3.8 miles south-southwest of New Cambria, in Macon County, Mo.....	47.8		47.1	8.2	
VALUE OF FARM PROPERTY.								
1850.....	39 25 53	80 28 33	13 miles northwest of Clarksburg, in Harrison County, W. Va.....					
1860.....	38 55 39	83 13 39	14 miles northwest of Portsmouth, in Scioto County, Ohio.....	152.3		148.3		34.8
1870.....	40 15 2	83 51 8	13 miles northwest of Urbana, in Champaign County, Ohio.....	97.1		33.0	91.3	
1880.....	40 8 26	85 44 46	33 miles northeast of Indianapolis, in Madison County, Ind.....	100.5		100.3		7.6
1890.....	39 58 4	89 2 15	34 miles east-northeast of Springfield, in Macon County, Ill.....	175.1		174.7		11.9
1900.....	39 57 48	90 21 35	16 miles north-northwest of Jacksonville, in Cass County, Ill.....	70.2		70.2		0.3
1910.....	39 57 0	92 18 36	14 miles south-southwest of Edina, in Knox County, Mo.....	103.6		103.6		0.9
1920.....	39 55 24	93 9 34	3.6 miles northeast of Linneus, in Linn County, Mo.....	45.1		45.1		1.8
GROSS FARM INCOME.								
1900.....	39 18 47	90 33 10	8 miles west by north of Carrollton, in Greene County, Ill.....					
PRODUCTION OF CEREALS.								
1900.....	40 16 13	91 25 10	6 miles south of Warsaw, in Hancock County, Ill.....					
1910.....	40 37 48	91 41 36	19.1 miles west of Fort Madison, in Lee County, Iowa.....	28.6		14.4	24.8	
1920.....	40 3 53	92 10 37	4 miles south of Edina, in Knox County, Mo.....	46.6		25.6		39.6
PRODUCTION OF CORN.								
1850.....	39 7 0	81 47 0	86 miles east-southeast of Columbus, in Meigs County, Ohio.....					
1860.....	38 1 54	86 29 4	17.5 miles north of Hardinsburg, in Breckinridge County, Ky.....	271.7		258.5		83.9
1870.....	38 47 13	87 14 15	90 miles southwest of Indianapolis, in Daviess County, Ind.....	66.1		40.7	52.1	
1880.....	39 28 12	89 7 43	36 miles southeast of Springfield, in Christian County, Ill.....	111.5		101.1	47.1	
1890.....	39 16 57	90 26 49	2 miles southwest of Carrollton, in Greene County, Ill.....	71.8		70.7		12.9
1900.....	39 19 33	90 27 6	3.5 miles northwest of Springfield, in Greene County, Ill.....	3.01		0.3	3.0	
1920.....	39 20 33	89 59 12	2.8 miles southeast of Hettiek, in Macoupin County, Ill.....	<sup>1</sup> 24.9	<sup>1</sup> 24.9		<sup>1</sup> 1.1	
PRODUCTION OF WHEAT.								
1850.....	40 14 18	81 58 49	57 miles east-northeast of Columbus, in Coshocton County, Ohio.....					
1860.....	39 59 59	86 1 38	13.5 miles north by east of Indianapolis, in Hamilton County, Ind.....	215.3		214.7		16.5
1870.....	40 39 17	88 48 40	74 miles northeast of Springfield, in McLean County, Ill.....	153.1		146.3	45.2	
1880.....	40 36 14	90 30 46	69 miles northwest of Springfield, in McDonough County, Ill.....	89.6		89.5		3.5
1890.....	39 33 53	93 9 18	10 miles north by west of Brunswick, in Chariton County, Mo.....	155.8		138.4		71.7
1900.....	41 39 19	94 59 23	70 miles west of Des Moines, in Audubon County, Iowa.....	172.6		95.0	144.2	
1920.....	40 36 20	95 42 39	3.2 miles east of Hamburg, in Fremont County, Iowa.....	<sup>1</sup> 81.7		<sup>1</sup> 37.9		<sup>1</sup> 72.4
PRODUCTION OF OATS.								
1850.....	39 43 22	81 35 29	80 miles east-southeast of Columbus, in Noble County, Ohio.....					
1860.....	41 0 38	81 2 5	48 miles southeast of Cleveland, in Portage County, Ohio.....	93.3	29.1		88.6	
1870.....	40 59 13	85 42 46	30 miles west by south of Fort Wayne, in Wabash County, Ind.....	244.0		244.0		0.3
1880.....	41 2 43	87 13 37	6 miles northwest of Rensselaer, in Jasper County, Ind.....	79.2		79.1	4.0	
1890.....	41 10 43	89 46 52	39 miles north-northeast of Peoria, in Stark County, Ill.....	133.3		133.0	9.2	
1900.....	41 39 15	91 8 11	8 miles west of south of Tipton, in Cedar County, Iowa.....	77.3		70.1	32.6	
1920.....	41 12 27	92 20 21	3.7 miles north-northwest of Hedrick, in Keokuk County, Iowa.....	<sup>1</sup> 69.8		<sup>1</sup> 62.7		<sup>1</sup> 30.8

<sup>1</sup> Movement from 1900 to 1920.

## CENTER OF COTTON PRODUCTION.

The location of the center of cotton production is indicated in Table 16 and on the map, Plate No. 137, for the years 1859, 1879, 1899, 1906, 1910, 1914, 1916, 1918, and 1919. The center in 1879 showed a movement almost directly north from that of 1859. From 1879 to 1906 the movement was in a southwesterly direction, but since 1906 the movement has been very irregular. In 1910 it moved northeast; in 1914 the movement was almost reversed and it moved directly south; from 1914 to 1916 it moved in a northwesterly direction; from 1916 to 1918 it moved directly east, to a point almost 20 miles west of its location in 1879; from 1918 to 1919 it again moved northwest about 75 miles, to a point 5.6 miles northeast of Greenwood, Leflore County, Miss., the highest northern latitude since 1859, when it was located in the eastern part of Mississippi, near the Alabama line.

It will be noted that all of these centers are in the state of Mississippi, and have practically crossed the state from its eastern to its western boundary. It is undoubtedly due to the destruction caused by the boll weevil that the center of cotton in 1919 was located so much farther north than its location in 1859 or in any subsequent year.

TABLE 16.—POSITION OF THE CENTER OF COTTON PRODUCTION.

CENSUS YEAR.	Approximate location by important towns.
1859.....	13 miles southeast of Macon, in Noxubee County, Miss.
1879.....	11 miles south of Columbus, in Lowndes County, Miss.
1899.....	13 miles southeast of Lexington, in Holmes County, Miss.
1906.....	5 miles northeast of Mayersville, in Issaquena County, Miss.
1910.....	3 miles southwest of Vaiden, in Carroll County, Miss.
1914.....	1 mile northwest of Sharpsburg, in Madison County, Miss.
1916.....	16 miles southeast of Arcola, in Washington County, Miss.
1918.....	6 miles southeast of Sturgis, in Oktibbeha County, Miss.
1919.....	5.6 miles northeast of Greenwood, in Leflore County, Miss.

## CENTER OF MANUFACTURES.

In order to ascertain the position of the center of manufactures at each census from 1850 to 1920, except in 1910, as shown on page 24, the gross value of products was distributed by square degrees, and the remainder of the computations made as in computing the center of population. The center of manufactures, therefore, is really the center of the value of its gross products, and, as the value of products is representative of the industry, so the movement of the center of manufactures, during each decade, can be considered as the movement of the entire industry. On Plate 137 is a sketch map on which is indicated, by symbols, the location of the center of manufactures at each census from 1850 to 1900 and 1920, and

the center of population from 1790 to 1920, bringing out clearly the steady westward movement of both manufactures and population.

The center of manufactures in 1850 was in Pennsylvania, 7.5 miles north by west of Millintown, and the center of population at the same census was located 23 miles southeast of Parkersburg, in the present state of West Virginia, 240 miles southwest of the center of manufactures. In 1860 the center of population had advanced 80.6 miles nearly due west, while the center of manufactures had moved in a westerly direction 100.2 miles. From 1860 to 1870 the center of population moved 44.1 miles north of west, while the center of manufactures moved slightly west of north 17.4 miles. From 1870 to 1880 the center of population moved south and west 58.1 miles, while the center of manufactures moved north and west 23.7 miles. From 1880 to 1890 the center of population moved slightly north of west 48.6 miles, while the center of manufactures moved south of west nearly twice that distance. From 1890 to 1900 the center of population moved almost due west 14.6 miles, and the center of manufactures in a line almost parallel nearly 40 miles, or over twice the westward movement of the center of population. In general, the center of manufactures has followed the center of population in its westward movement, but not always along parallel lines, the greatest variations noted being from 1860 to 1870 and 1870 to 1880. From 1850 to 1860, 1880 to 1890, and 1890 to 1900, the center of manufactures made a greater western advance than the center of population.

The value of products of manufactures was not tabulated by counties at the census of 1910, therefore, it was impossible to compute the center for that census. In 1920 the center of manufactures was located in latitude  $40^{\circ} 28' 13''$  and longitude  $83^{\circ} 40' 0''$ , 0.7 of a mile north of Rushsylvania, Logan County, Ohio. The point was, therefore, located 71.9 miles west and 9.6 miles south of the center of manufactures in 1900. As the center of population progressed but 48.6 miles west, from 1900 to 1920, and the center of manufactures 71.9 miles west, the center of manufactures made a greater western advance than the center of population, due principally to the great increase in the value of products of manufactures in the Pacific Coast states in 1920, as compared with 1900. The movement of the center of manufactures from 1850 to 1920 was 329.2 miles, while the movement of the center of population during the same period was 290.2 miles, indicating that the movements of manufactures and population are closely related. In 1920 the latitude

of the center of manufactures was  $1^{\circ} 17' 52''$  north of the center of population, approximately 89.5 miles, and east  $3^{\circ} 3' 15''$ , or 162.5 miles.

In order to show the relation between the total value of products and the number of wage earners the center of the number of wage earners was computed for the first time in 1920, and was located at latitude  $40^{\circ} 22' 48''$  and longitude  $82^{\circ} 39' 32''$ ,  $1^{\circ} 0' 28''$ , or

53.2 miles east, and  $5' 25''$ , or 6.2 miles, south of the center of the total value of products.

The latitude and longitude of these centers, and the location of each center relative to a city or town, at each census, are given in Table 17, as well as the distance that the center of the value of products moved from census to census.

TABLE 17.—POSITIONS OF THE CENTERS OF MANUFACTURES: 1850 TO 1900 AND 1920.

CENSUS YEAR.	North latitude.	West longitude.	APPROXIMATE LOCATION BY IMPORTANT TOWNS.	MOVEMENT IN MILES DURING PRECEDING DECADE.			
				From point to point in direct line.	West- ward.	North- ward.	South- ward.
VALUE OF PRODUCTS.							
	°   '   "	°   '   "					
1850.....	40 41 42	77 25 9	7.5 miles north by west of Mifflintown, Pa.....				
1860.....	40 33 1	79 18 50	5½ miles west, 6½ miles south of Indiana, Pa.....	100.2	99.7		10.0
1870.....	40 47 13	79 25 58	6 miles east, 3¼ miles south of Kittanning, Pa.....	17.4	6.2	16.3	
1880.....	40 50 9	79 53 0	2 miles east, 2 miles south of Butler, Pa.....	23.7	23.6	2.4	
1890.....	40 42 22	81 33 37	8½ miles west, 7 miles south of Canton, Ohio.....	88.4	88.0		9.0
1900.....	40 36 36	82 18 7	3 miles southwest of Loudonville, Ohio.....	39.4	39.0		5.8
1920.....	40 28 13	83 40 0	0.7 mile north of Rushsylvania, Logan County, Ohio.....	172.5	171.9		19.6
AVERAGE NUMBER OF WAGE EARNERS.							
1920.....	40 22 48	82 39 32	2.4 miles southeast of Sparta, Morrow County, Ohio.....				

<sup>1</sup> Movement from 1900 to 1920.

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# POPULATION

PLATES 1-238

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# POPULATION.

PLATE No.	TITLE.	PLATE No.	TITLE.
1	United States, original area and acquisitions of territory: 1790-1920 (map).	32	{ Massachusetts (total). New Hampshire (total). Rhode Island (total).
2	Geographic divisions: 1920 (map).	33	Michigan (total and rural).
3	Rural population per square mile, by counties: 1920 (map).	34	Minnesota (total and rural).
4	Rural population per square mile, by counties: 1910 (map).	35	Mississippi (total and rural).
5	Per cent of increase or decrease in total population, by counties: 1910-1920 (map).	36	Missouri (total and rural).
6	Per cent of increase or decrease in total population, by counties: 1900-1910 (map).	37	Montana (total and rural).
7	{ 1. Per cent of increase or decrease in total population, by states: 1910-1920 (map). 2. Per cent of increase or decrease in total population, by states: 1900-1910 (map).	38	Nebraska (total and rural).
8	{ 1. Per cent of increase or decrease in total population, by states: 1890-1900 (map). 2. Per cent of increase or decrease in total population, by states: 1880-1890 (map).	39	Nevada (total and rural).
9	{ 1. Total population, by geographic divisions: 1920 and 1910. 2. Distribution of the per cent of increase in total population, by geographic divisions: 1910-1920 and 1900-1910. 3. Increase in population, by geographic divisions: 1910-1920. 4. Per cent of increase in total population of the United States and each geographic division: 1910-1920 and 1900-1910.	40	New Jersey (total and rural).
10	{ 1. Growth of population in area enumerated in 1790, with growth in remainder of country: 1790-1920. 2. Comparison of rate of increase in total population with rate of change of immigration: 1850-1920.	41	New Mexico (total and rural).
11	{ 1. Counties in which population decreased: 1910-1920 (map). 2. Counties in which population decreased: 1880-1920 (map).	42	New York (total and rural).
12	{ 1. Total population, by states: 1920 and 1910. 2. Per cent of increase in total population, by states: 1910-1920 and 1900-1910. Per cent of increase or decrease in population, by counties: 1910-1920 (maps)—	43	North Carolina (total and rural).
13	Alabama (total and rural).	44	North Dakota (total and rural).
14	Arizona (total and rural).	45	Ohio (total and rural).
15	Arkansas (total and rural).	46	Oklahoma (total and rural).
16	California (total and rural).	47	Oregon (total and rural).
17	Colorado (total and rural).	48	Pennsylvania (total and rural).
18	Connecticut (total and rural).	49	South Carolina (total and rural).
19	Delaware (total and rural).	50	South Dakota (total and rural).
20	District of Columbia (total 1900-1910 and 1910-1920).	51	Tennessee (total and rural).
21	Florida (total and rural).	52	Texas (total).
22	Georgia (total and rural).	53	Texas (rural).
23	Idaho (total and rural).	54	Utah (total and rural).
24	Illinois (total and rural).	55	Vermont (total and rural).
25	Indiana (total and rural).	56	Virginia (total and rural).
26	Iowa (total and rural).	57	Washington (total and rural).
27	Kansas (total and rural).	58	West Virginia (total and rural).
28	Kentucky (total and rural).	59	Wisconsin (total and rural).
29	Louisiana (total and rural).	60	Wyoming (total and rural).
30	Maine (total and rural).	61	Alaska, judicial districts: 1920 (map).
31	Maryland (total and rural).	62	Per cent of increase or decrease in population of Hawaii (total), by counties: 1910-1920 (map).
		63	Per cent of increase or decrease in population of Porto Rico (total), by municipalities: 1910-1920 (map). Towns (shaded) showing decrease: 1910-1920 (maps)—
		64	Maine.
		65	{ Vermont. New Hampshire. Increase or decrease in population of counties: 1900-1920 (maps)—
		66	{ Nevada. Iowa. Missouri. Mississippi. Delaware.
		67	{ Maine. Vermont. New Hampshire.
		68	Population per square mile, by counties: 1920 (map).
		69	Population per square mile, by counties: 1910 (map).
		70	{ 1. Population per square mile, by states: 1920 (map). 2. Population per square mile, by states: 1910 (map).

PLATE No.	TITLE.
71	{ 1. Population per square mile, by states: 1900 (map). 2. Population per square mile, by states: 1890 (map). Density of population, by counties: 1920 (maps)—
72	Alabama (total and rural).
73	Arizona (total and rural).
74	Arkansas (total and rural).
75	California (total and rural).
76	Colorado (total and rural).
77	Connecticut (total and rural).
78	Delaware (total and rural).
79	Florida (total and rural).
80	Georgia (total and rural).
81	Idaho (total and rural).
82	Illinois (total and rural).
83	Indiana (total and rural).
84	Iowa (total and rural).
85	Kansas (total and rural).
86	Kentucky (total and rural).
87	Louisiana (total and rural).
88	Maine (total and rural).
89	Maryland (total and rural).
90	{ Massachusetts (total). New Hampshire (total). Rhode Island (total).
91	Michigan (total and rural).
92	Minnesota (total and rural).
93	Mississippi (total and rural).
94	Missouri (total and rural).
95	Montana (total and rural).
96	Nebraska (total and rural).
97	Nevada (total and rural).
98	New Jersey (total and rural).
99	New Mexico (total and rural).
100	New York (total and rural).
101	North Carolina (total and rural).
102	North Dakota (total and rural).
103	Ohio (total and rural).
104	Oklahoma (total and rural).
105	Oregon (total and rural).
106	Pennsylvania (total and rural).
107	South Carolina (total and rural).
108	South Dakota (total and rural).
109	Tennessee (total and rural).
110	Texas (total).
111	Texas (rural).
112	Utah (total and rural).
113	Vermont (total and rural).
114	Virginia (total and rural).
115	Washington (total and rural).
116	West Virginia (total and rural).
117	Wisconsin (total and rural).
118	Wyoming (total and rural).
119	Hawaii (total).
120	Center of population: January 1, 1920 (map).
121	Center of total, native white, foreign-born, negro, urban, and rural population (map).
122	Center of population, center of area, and median lines, 1920, and median point, 1880-1920 (map). Centers of population: 1880-1920 (maps)—
123	Alabama, Arkansas, and Arizona.
124	California.
125	Colorado, Connecticut, Delaware, District of Columbia, Georgia, and Florida.
126	Idaho and Illinois.
127	Indiana and Iowa.

PLATE No.	TITLE.
128	Kansas, Maine, Kentucky, Maryland, Louisiana, and Massachusetts.
129	Michigan and Minnesota.
130	Mississippi, Missouri, and Montana.
131	Nebraska and Nevada.
132	New Hampshire, New Jersey, and New York.
133	New Mexico, North Carolina, North Dakota, Ohio, Oklahoma, and Oregon.
134	Pennsylvania, South Dakota, Rhode Island, and South Carolina.
135	Texas, Tennessee, Utah, Virginia, and Vermont.
136	Washington, West Virginia, Wisconsin, and Wyoming.
137	Centers of population from 1790 to 1920 and centers of farms, agricultural products, and manufactures from 1850 to 1920 (map).
138	Geographic centers (map).
139	{ 1. Population per square mile: 1790-1920. 2. Per cent of increase in total, total white, and negro population: 1790-1920, and per cent of increase in native white, 1850-1920. 3. Population per square mile, by states: 1920 and 1910. 4. Per cent urban in total population, by states: 1920 and 1910.
140	{ 1. Per cent urban in total population, by states: 1920 (map). 2. Per cent urban in total population, by states: 1910 (map).
141	{ 1. Per cent urban in total population, by states: 1900 (map). 2. Per cent urban in total population, by states: 1890 (map).
142	Per cent urban in total population, by states: 1890-1920. 1. Urban and rural population: 1880-1920. 2. Increase in urban population, by classes of cities: 1890-1920.
143	{ 3. Population of cities having, in 1920, 100,000 inhabit- ants or more: 1920 and 1910. 4. Population in places of 8,000 inhabitants or more at each census: 1790-1920. 5. Color or race, nativity, and parentage, by divisions: 1920, 1910, and 1900.
144	{ 1. Per cent of increase in population of territory urban in 1920, by states: 1910-1920 (map). 2. Per cent of increase in population of territory urban in 1910, by states: 1900-1910 (map).
145	{ 1. Per cent of increase in population of territory rural in 1920, by states: 1910-1920 (map). 2. Per cent of increase in population of territory rural in 1910, by states: 1900-1910 (map).
146	Total population of great cities at each census: 1790-1920.
147	{ 1. Per cent of native white of native parentage in white population, by states: 1920 (map). 2. Per cent of native white of native parentage in white population, by states: 1910 (map).
148	{ 1. Per cent of native white of native parentage in total population, by states: 1920 (map). 2. States (shaded) showing increase in foreign-born white: 1910-1920 (map).
149	{ 1. Per cent of native white of foreign or mixed parentage in total population, by states: 1920 (map). 2. Per cent of native white of foreign or mixed parentage in total population, by states: 1910 (map).
150	{ 1. Per cent of foreign-born white in total population, by states: 1920 (map). 2. Per cent of foreign-born white in total population, by states: 1910 (map).

PLATE No.	TITLE.	PLATE No.	TITLE.
151	1. Per cent of foreign-born white and native white of foreign or mixed parentage combined in total population, by states: 1920 (map).	187	Per cent of Indians in total population of Alaska, by judicial districts: 1920 (map).
	2. Per cent of foreign-born white and native white of foreign or mixed parentage combined in total population, by states: 1910 (map).	188	Per cent of Hawaiians and part-Hawaiians in total population of Hawaii, by counties: 1920 (map).
152	Total population and distribution by classes: 1850-1920.	189	1. Ratio of males to females in total population, by states: 1920 (map).
153	Color or race, nativity, and parentage, by states: 1920 and 1910.		2. Ratio of males to females in total population, by states: 1910 (map).
154	1. Foreign-born population, by states: 1920 and 1910.	190	Distribution by single years of age for the total population, by sex: 1920.
	2. Negro population, by states: 1920 and 1910.	191	Distribution by age periods and sex for total population and for certain principal population classes: 1920— Total population. Total white. Negro. Foreign-born white.
155	Color or race, nativity, and parentage, for cities having, in 1920, 100,000 inhabitants or more: 1920 and 1910.	192	Distribution by age periods and sex for certain principal population classes: 1920— Native white. Native white of native parentage. Native white of foreign parentage. Native white of mixed parentage.
	Per cent of foreign-born white in total population, by counties: 1920 (maps)—	193	Marital condition of the population 15 years of age and over, by sex and age periods, for principal population classes: 1920.
156	Massachusetts and Maine.	194	1. Per cent which population born in each state and living in other states formed of total born in each state: 1920 (map).
157	Vermont and New Hampshire.		2. Per cent which population born in each state and living in other states formed of total born in each state: 1910 (map).
158	Connecticut and Rhode Island.	195	1. Per cent which population born in other states formed of total native population living in each state: 1920 (map).
159	New York and New Jersey.		2. Per cent which population born in other states formed of total native population living in each state: 1910 (map).
160	Ohio and Pennsylvania.	196	1. Migration of native population from and to each state: 1920.
161	Illinois and Indiana.		2. Migration of native population from and to each state: 1910.
162	Wisconsin and Michigan.	197	1. Net gain or net loss through interstate migration: 1920.
163	Iowa and Kansas.		2. Net gain or net loss through interstate migration: 1910.
164	Minnesota and Missouri.	198	1. Distribution of population born in each state as living in state of birth or in other states: 1920.
165	North Dakota and South Dakota.		2. Distribution of population born in each state as living in state of birth or in other states: 1910.
166	Nebraska and Colorado.	199	1. Distribution of total population of each state as born in state of residence, in other states, or foreign born: 1920.
167	Montana and Wyoming.		2. Distribution of total population of each state as born in state of residence, in other states, or foreign born: 1910.
168	Nevada and Utah.	200	1. Per cent of total population born in state of residence, born in other states, or foreign born, for cities having 100,000 inhabitants or more: 1920.
169	Arizona and New Mexico.		2. Per cent of total population born in state of residence, born in other states, or foreign born, for cities having 100,000 inhabitants or more: 1910.
170	Idaho and California.		3. States having gained or lost through interstate migration: 1920 (map).
171	Washington and Oregon.	201	1. Foreign-born population of the United States, by country of birth: 1920.
172	1. Per cent of negroes in total population, by states: 1920 (map).		2. Foreign-born population by principal countries of birth: 1920 and 1910.
	2. Per cent of negroes in total population, by states: 1910 (map).		
173	Counties in Southern states having at least 50 per cent of their population negro: 1860, 1880, 1900, and 1920 (maps).		
174	1. States (shaded) in which increase in negro population was more than 1,000 and was at a higher rate than increase in total population: 1910-1920 (map).		
	2. Negro population for 1920 and 1910, in cities having 100,000 inhabitants or more and at least 10,000 negroes in 1920.		
	3. Cities of 10,000 inhabitants or more in 1920, having 50 per cent or more of their population negro in either 1910 or 1920.		
	Per cent of negroes in total population, by counties: 1920 (maps)—		
175	Delaware and District of Columbia.		
176	Maryland and North Carolina.		
177	West Virginia and Virginia.		
178	Georgia and South Carolina.		
179	Louisiana and Florida.		
180	Mississippi and Alabama.		
181	Kentucky and Tennessee.		
182	Arkansas and Oklahoma.		
183	Texas.		
184	Per cent black and mulatto in total population of Porto Rico, by municipalities: 1920 (map).		
185	1. Distribution of the Indian population of the United States, by states: 1920 (map).		
	2. Distribution of the Indian population of the United States, by states: 1910 (map).		
186	Number and distribution of Indians in Alaska, by linguistic stock: 1920 (map).		



PLATE No.	TITLE.	PLATE No.	TITLE.
202	Distribution of natives of principal foreign countries and groups of countries, by states: 1920— Russia. Poland. Canada and Newfoundland. Norway, Sweden, and Denmark.	213	1. Per cent attending school in the total population and in certain classes at each year of age from 7 to 20, inclusive: 1920. 2. Per cent attending school in the total population and in certain classes at each year of age from 6 to 20, inclusive: 1910.
203	Distribution of natives of principal foreign countries and groups of countries, by states: 1920— Italy. England, Scotland, and Wales. Germany. Ireland.	214	1. Per cent illiterate in population 10 years of age and over, by states: 1920. All classes (map). 2. Per cent illiterate in population 10 years of age and over, by states: 1910. All classes (map).
204	Foreign-born population in 1920, distributed as arriving in the United States before or after 1911.	215	1. Per cent illiterate in population 10 years of age and over, by states: 1920. Native white of native parents (map). 2. Per cent illiterate in population 10 years of age and over, by states: 1910. Native white of native parents (map).
205	1. Foreign white stock by principal countries of origin: 1920. 2. Foreign white stock by principal countries of origin: 1910.	216	1. Per cent illiterate in population 10 years of age and over, by states: 1920. Foreign-born white (map). 2. Per cent illiterate in population 10 years of age and over, by states: 1910. Foreign-born white (map).
206	Per cent distribution of the foreign white stock by principal countries of origin: 1920, 1910, and 1900.	217	1. Per cent illiterate in population 10 years of age and over, by states: 1920. Negro (map). 2. Per cent illiterate in population 10 years of age and over, by states: 1910. Negro (map). Per cent illiterate in population 10 years of age and over, by states: 1920 and 1910—
207	Distribution of the foreign white stock originating in selected countries and groups of countries, by states: 1920 and 1910— Germany. Italy. Austria and Hungary. Norway, Sweden, and Denmark.	218	1. All classes. 2. Native white—native parentage. 3. Foreign-born white. 4. Negro.
208	Distribution of the foreign white stock originating in selected countries and groups of countries, by states: 1920 and 1910— Russia. Ireland. England, Scotland, and Wales. Canada and Newfoundland.	219	Foreign-born white population 10 years of age and over unable to speak English: 1920 and 1910.
209	1. Foreign white stock, by principal mother tongues: 1920 and 1910. 2. Elements of foreign white stock, by linguistic groups: 1920 and 1910.	220	1. Number of dwellings per square mile, by states: 1920 (map). 2. Number of dwellings per square mile, by states: 1910 (map).
210	Distribution of foreign white stock having specified mother tongues, for selected states: 1920 and 1910— English and Celtic. French. Norwegian. Yiddish and Hebrew.	221	1. Number of families per square mile, by states: 1920 (map). 2. Number of families per square mile, by states: 1910 (map).
211	Distribution of foreign white stock having specified mother tongues, for selected states: 1920 and 1910— German. Italian. Swedish. Polish.	222	Per cent of homes owned free, owned encumbered, and rented, in total number of homes, by states: 1920 and 1910.
212	1. Citizenship of foreign white persons born in specified countries or groups of countries: 1920. 2. Citizenship of foreign white men 21 years of age and over born in specified countries or groups of countries: 1920. 3. Citizenship of foreign white women 21 years of age and over born in specified countries or groups of countries: 1920. 4. Per cent naturalized in foreign-born white population, by country of birth: 1920.	OCCUPATIONS.	
	723°—24†—3	223	1. Proportion of population 10 years of age and over engaged in gainful occupations, by states: 1920, 1910, and 1900. 2. Per cent distribution of native white persons of native parentage 10 years of age and over engaged in gainful occupations: 1920 (map).
		224	Proportion that males and females 10 years of age and over with gainful occupations formed of all males and females 10 years of age and over: 1920 and 1910.
		225	1. Proportion that males and females 10 years of age and over engaged in gainful occupations formed of the total population 10 years of age and over occupied, by states: 1920 and 1910. 2. Proportion of children of each sex 10 to 15 years of age engaged in gainful occupations: 1880–1920.

PLATE No.	TITLE.	PLATE No.	TITLE.
226	Proportion of children of each sex 10 to 15 years of age engaged in gainful occupations, by states, arranged by geographic divisions: 1920 and 1910.	232	1. Proportion of females 10 to 13 years of age engaged in gainful occupations, by states: 1920 (map). 2. Proportion of females 10 to 13 years of age engaged in gainful occupations, by states: 1910 (map).
227	1. Proportion of married and of single, widowed, divorced, and unknown women among gainfully occupied women 15 years of age and over: 1890-1920. 2. Proportion of women 15 years of age and over in each specified age period and marital class engaged in gainful occupations: 1920. 3. Proportion of women 15 years of age and over in each specified marital class engaged in gainful occupations: 1890-1920. 4. Proportion of married and of single, widowed, divorced, and unknown women 15 years of age and over in each principal class of the population engaged in gainful occupations: 1920. 5. Proportion of married and of single, widowed, divorced, and unknown women among women 15 years of age and over in each general division of gainful occupations: 1920.	233	1. Proportion of females 14 and 15 years of age engaged in gainful occupations, by states: 1920 (map). 2. Proportion of females 14 and 15 years of age engaged in gainful occupations, by states: 1910 (map).
228	Proportion of married women 15 years of age and over engaged in gainful occupations, by states: 1920 and 1910.	234	Proportion of males and females 10 years of age and over engaged in certain gainful occupations: 1920.
229	Per cent distribution, by marital condition, of the gainfully occupied women 15 years of age and over, by states: 1920.	235 and 236	Proportion of population 10 years of age and over engaged in each general division of gainful occupations, classified as industrial and nonindustrial, by geographic divisions: 1920.
230	1. Proportion of males 10 to 13 years of age engaged in gainful occupations, by states: 1920 (map). 2. Proportion of males 10 to 13 years of age engaged in gainful occupations, by states: 1910 (map).	237	Proportion of population 10 years of age and over, in each state, engaged in each general division of gainful occupations: 1920.
231	1. Proportion of males 14 and 15 years of age engaged in gainful occupations, by states: 1920 (map). 2. Proportion of males 14 and 15 years of age engaged in gainful occupations, by states: 1910 (map).	238	1. Proportion of males and females 10 years of age and over engaged in each general division of gainful occupations: 1920. 2. Proportion which gainful workers of both sexes, in each specified age group, constituted of all gainful workers, and the proportion which males and females of each age group formed of total male and female workers: 1920. 3. Proportion of each principal class of population 10 years of age and over, both sexes, males and females, engaged in gainful occupations: 1920. 4. Proportion of males and females of each specified age group engaged in gainful occupations: 1920.

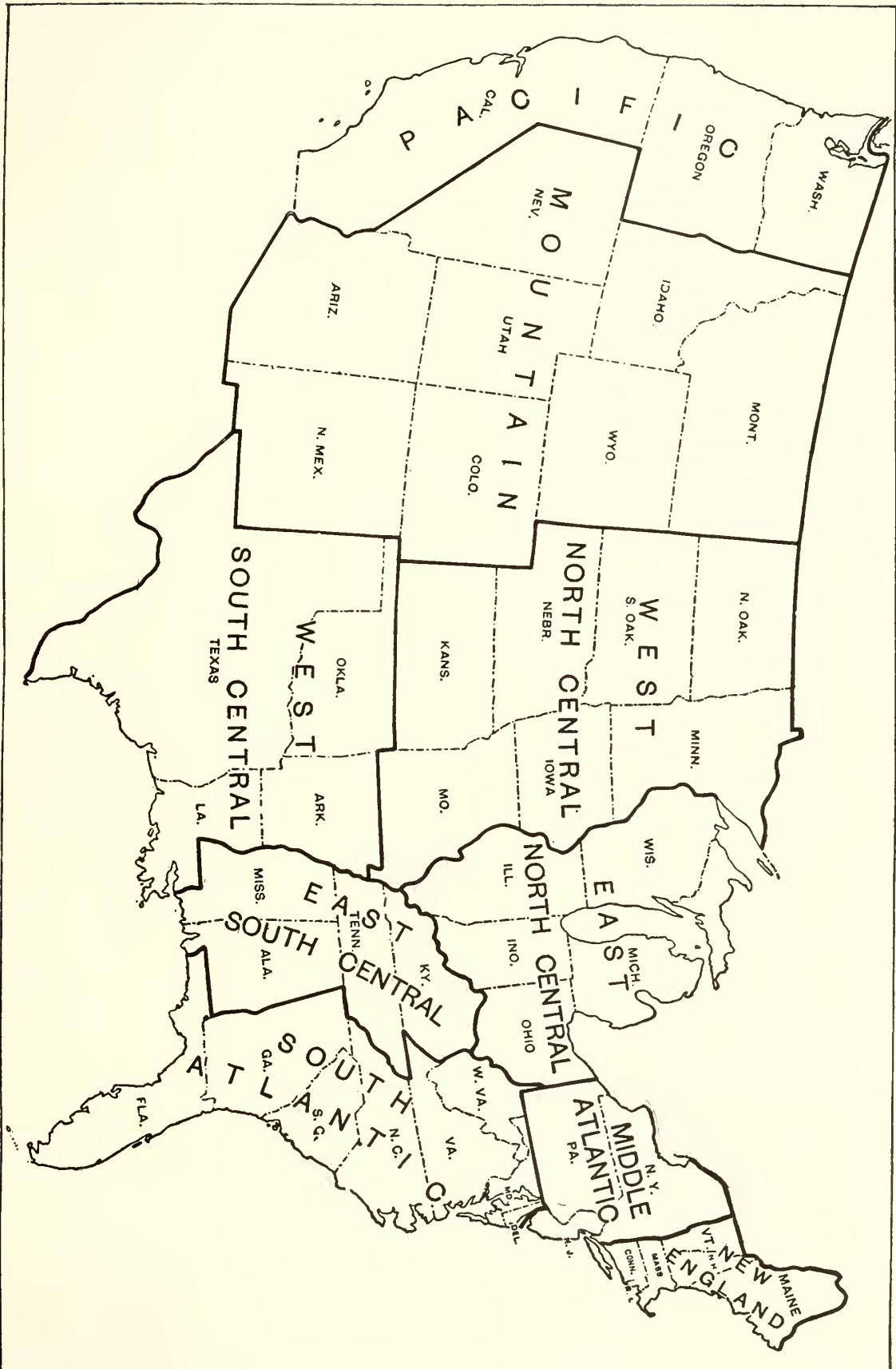








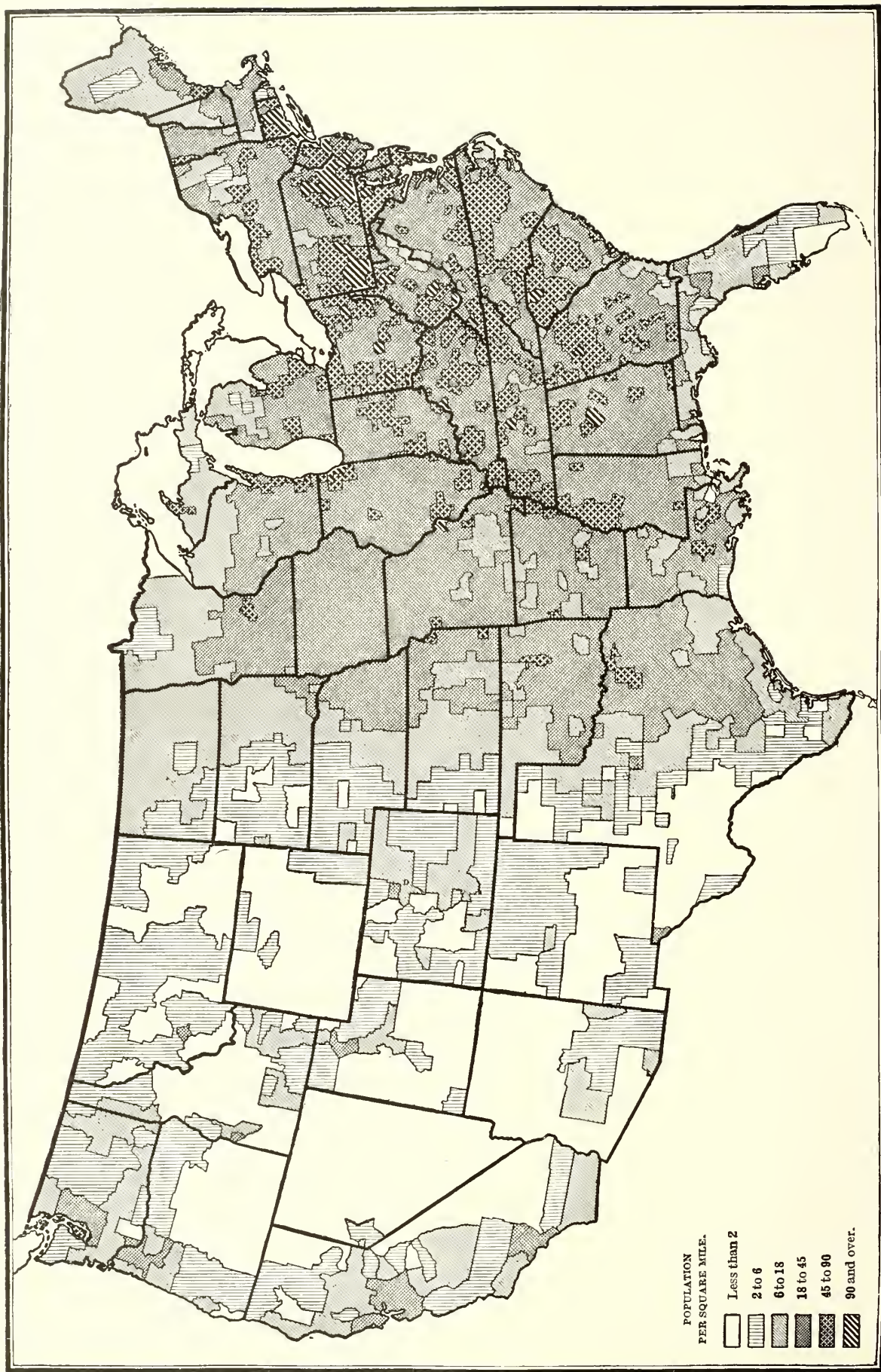
GEOGRAPHIC DIVISIONS: 1920.





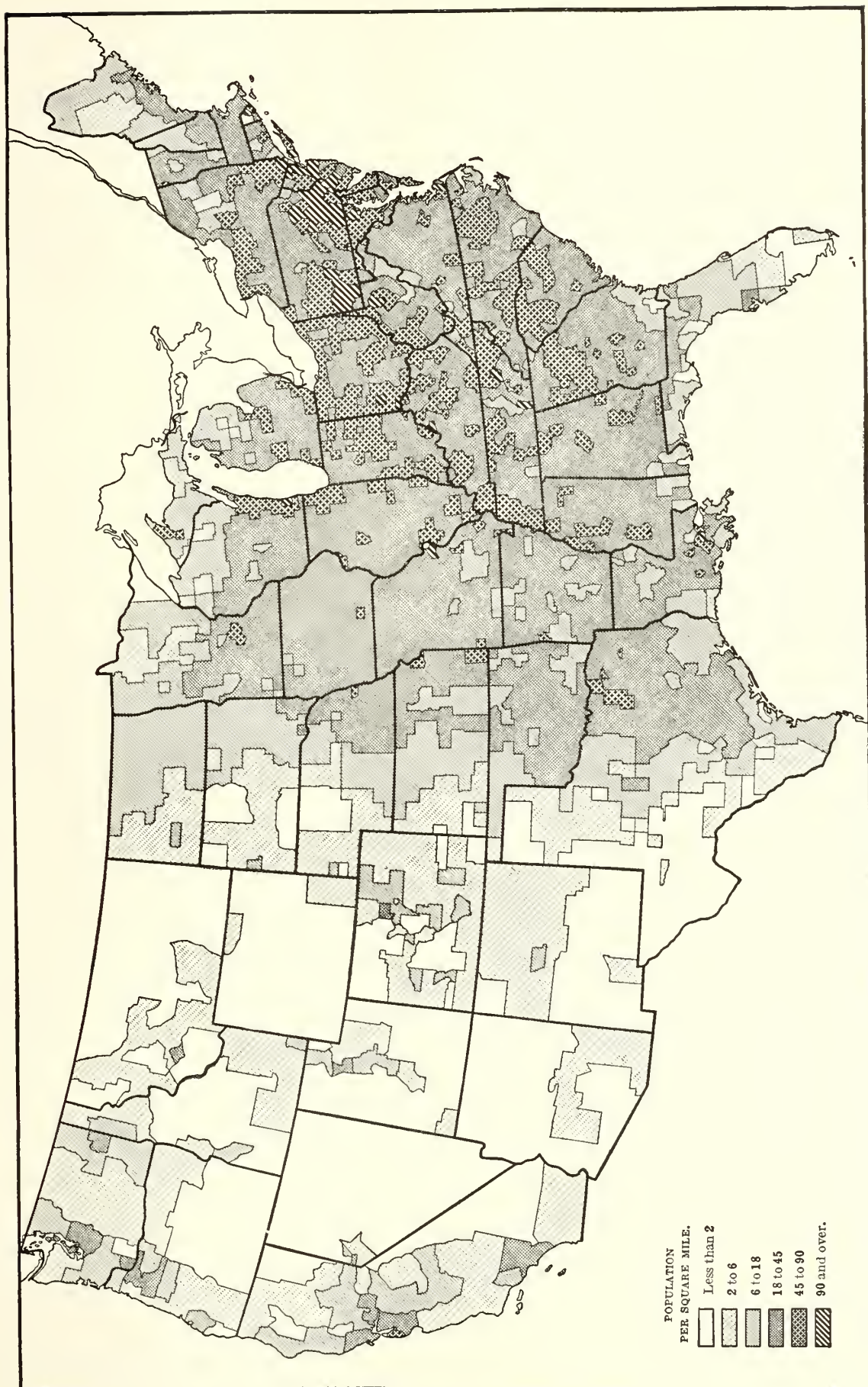
# RURAL POPULATION PER SQUARE MILE, BY COUNTIES: 1920.

(Outside of municipalities having 2,500 or more inhabitants.)



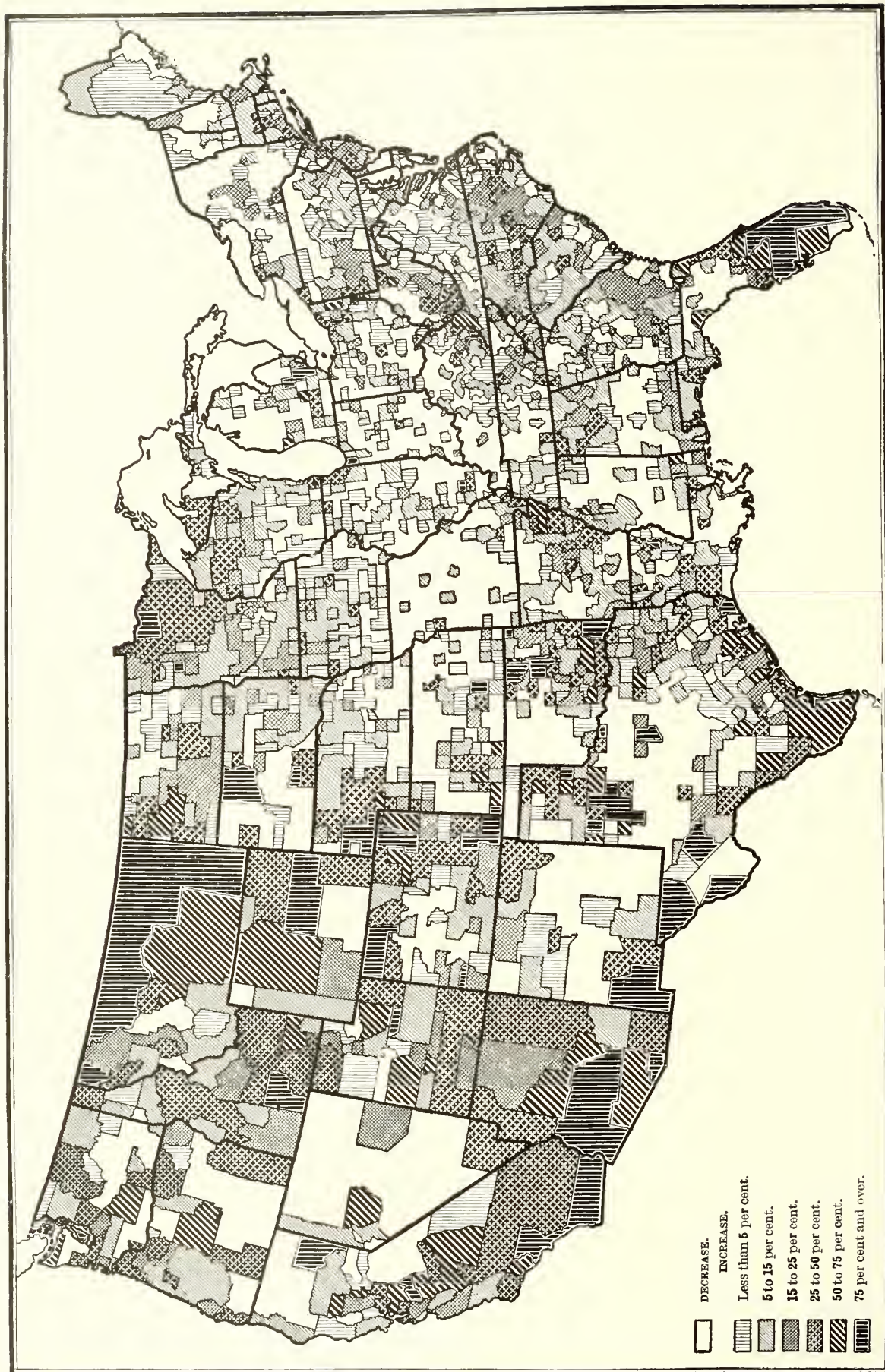


RURAL POPULATION PER SQUARE MILE, BY COUNTIES: 1910.



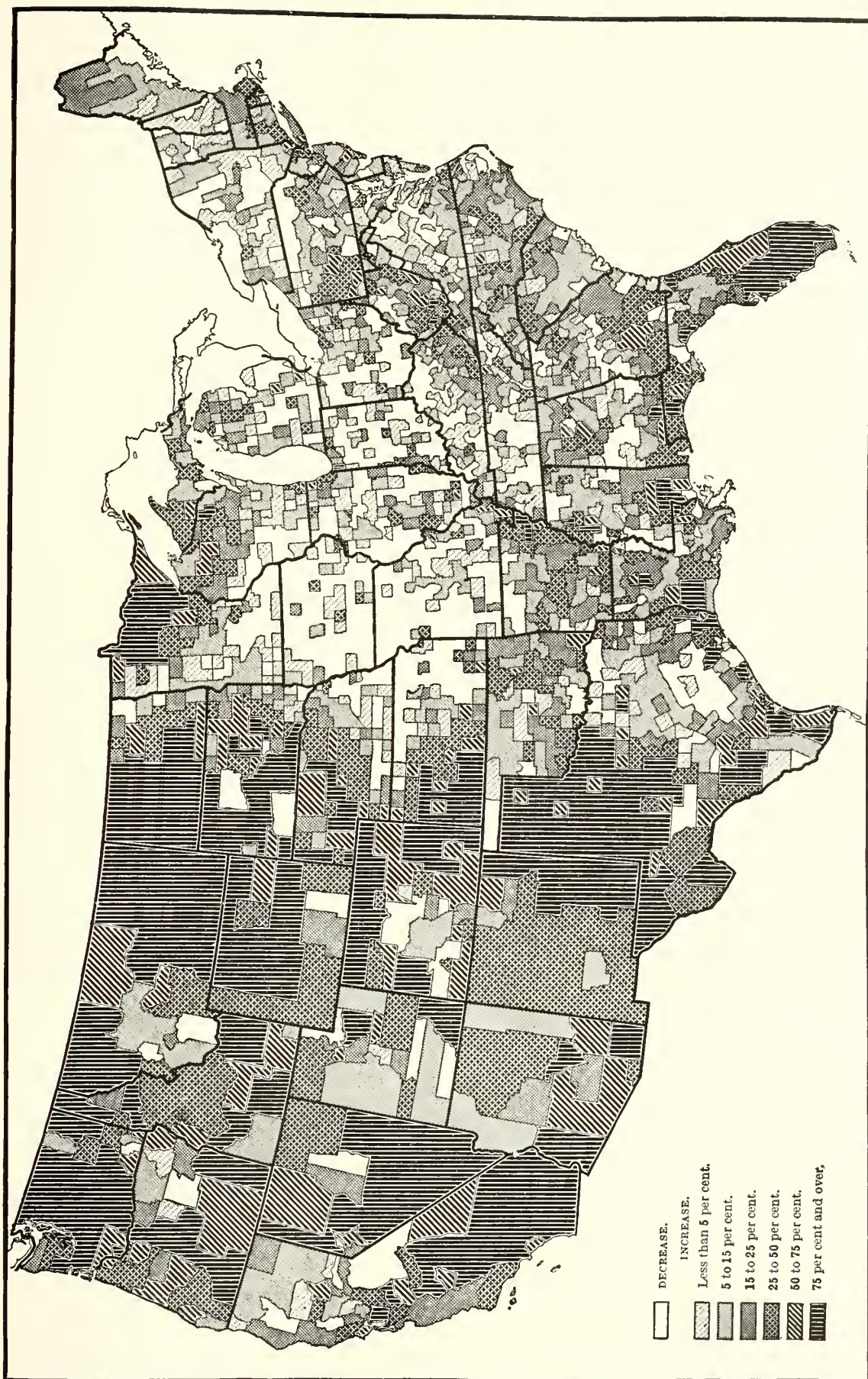


PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION, BY COUNTIES: 1910-1920.



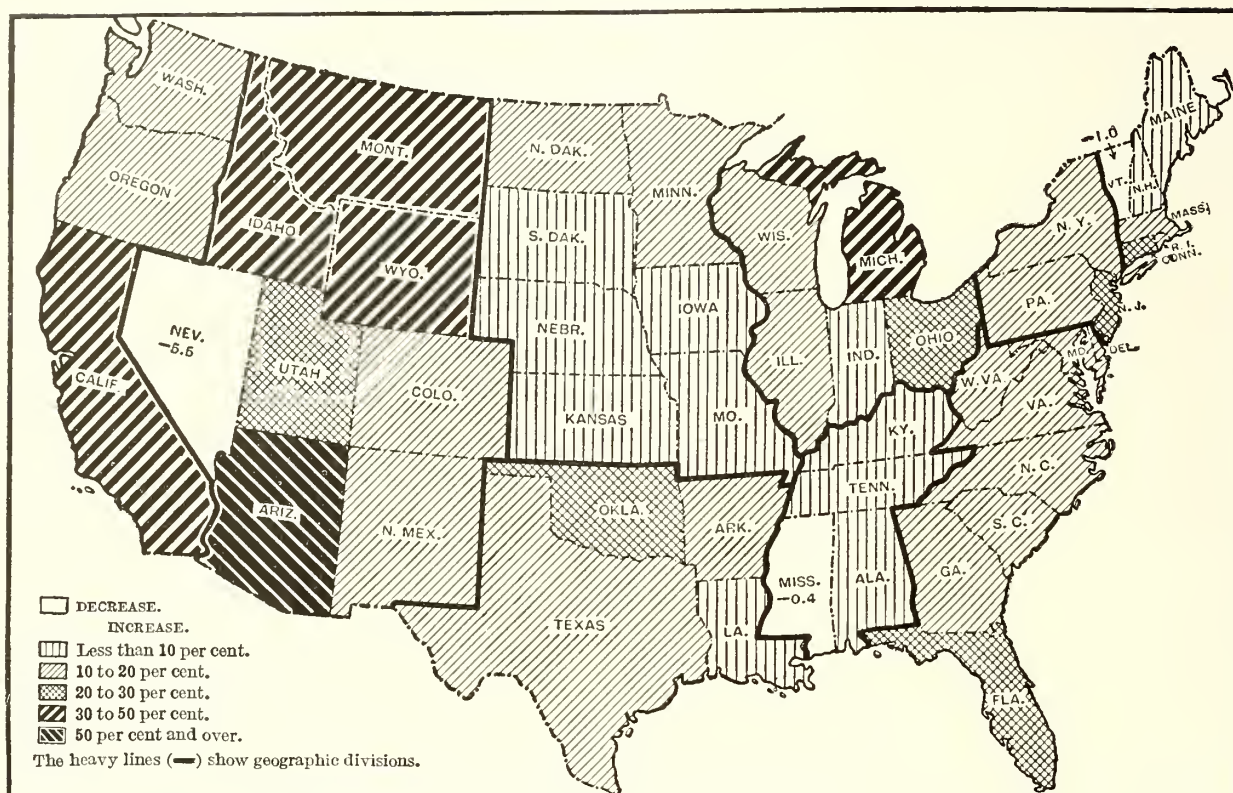


PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION, BY COUNTIES: 1900-1910.

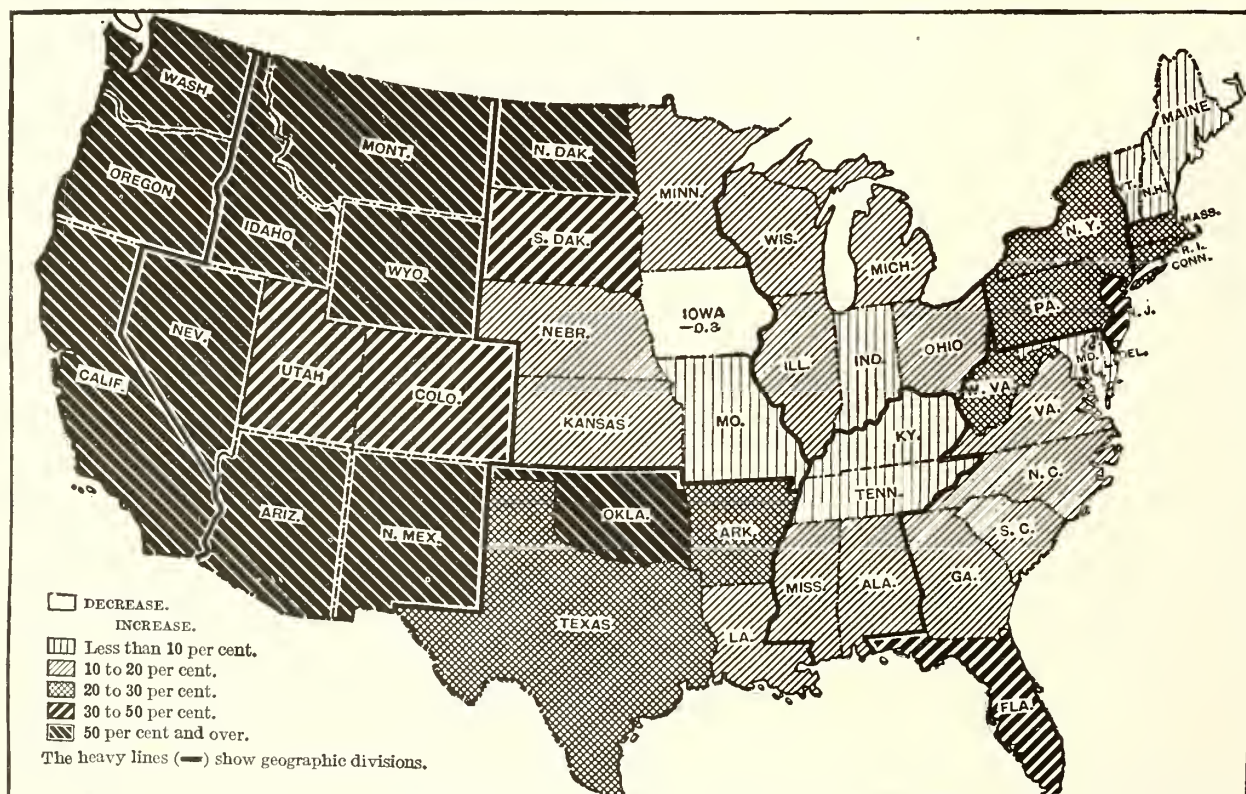




1. PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION, BY STATES: 1910-1920.

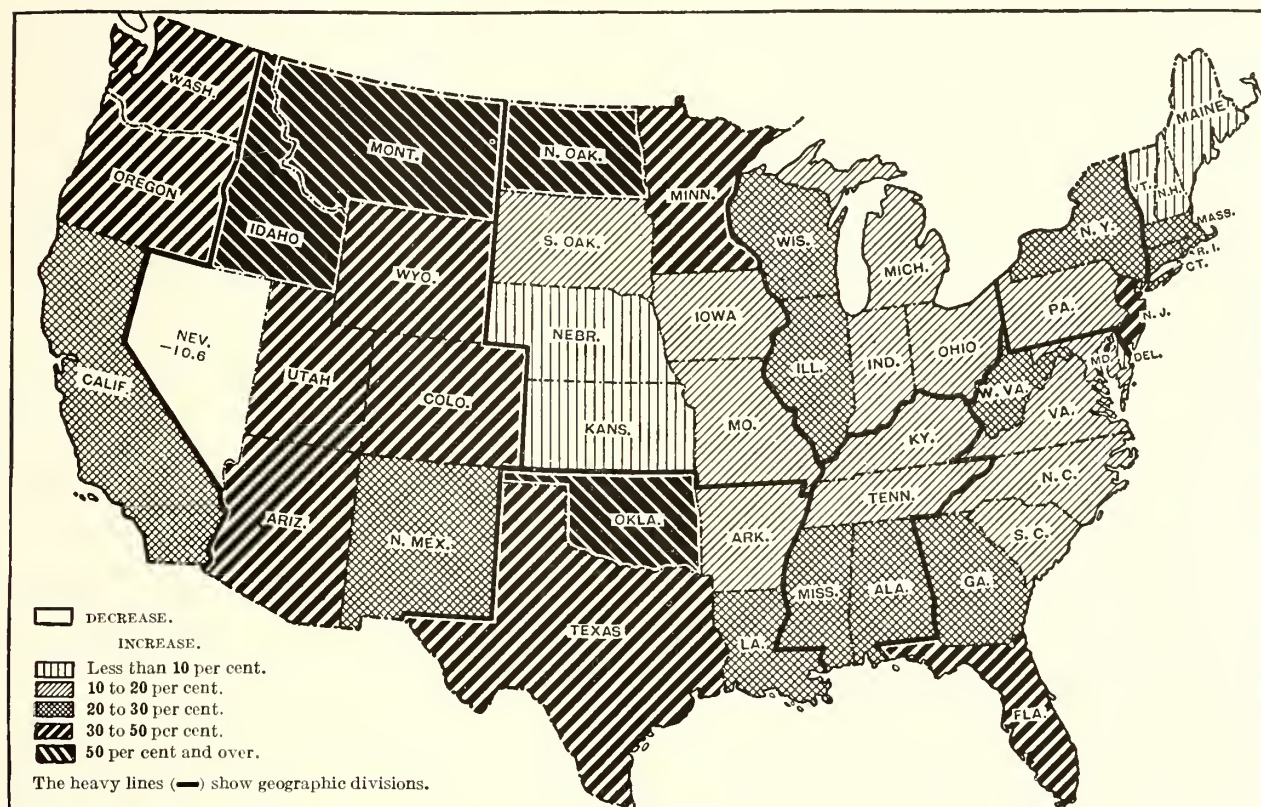


2. PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION, BY STATES: 1900-1910.

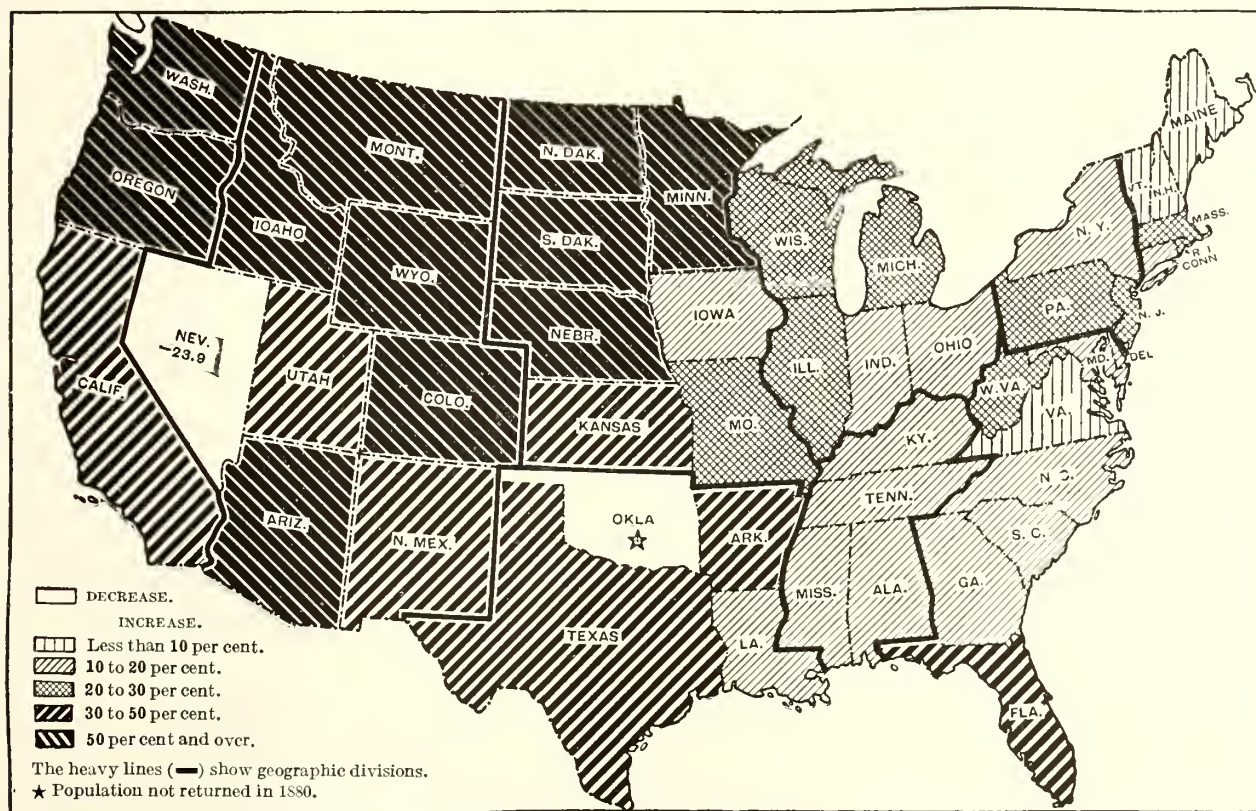




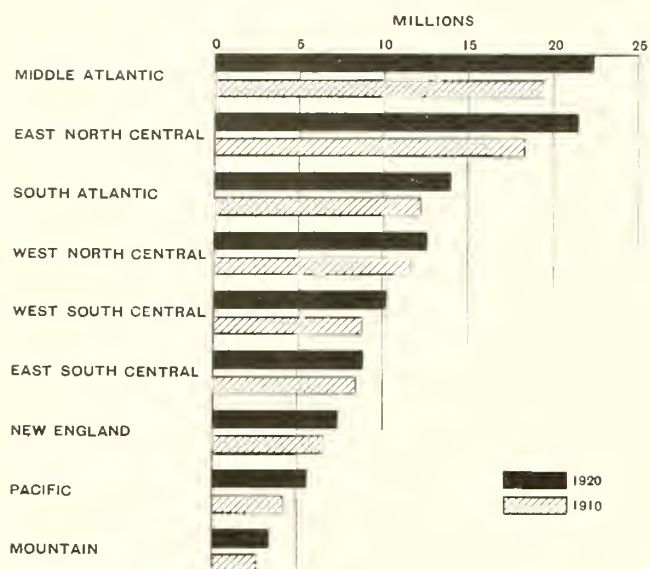
## 1. PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION, BY STATES: 1890-1900.



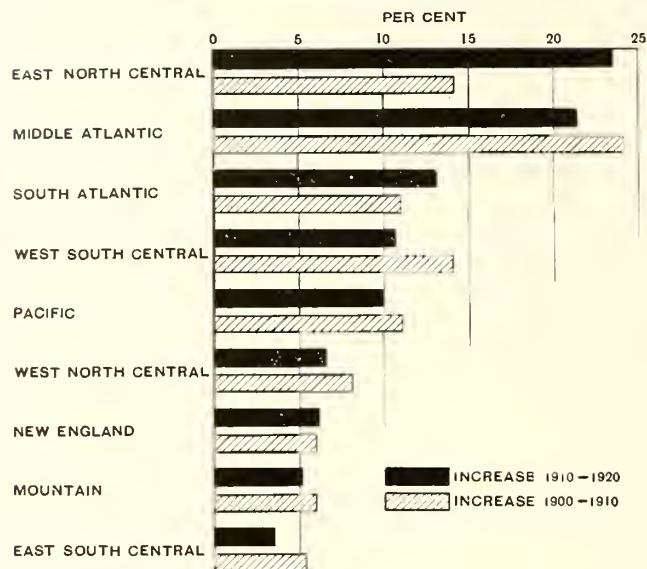
## 2. PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION, BY STATES: 1880-1890.



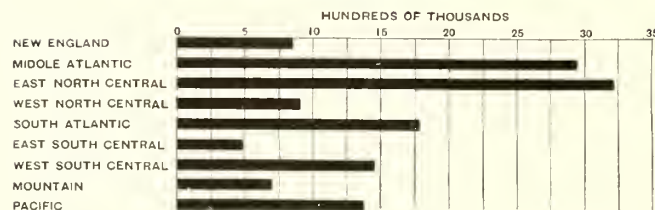
1. TOTAL POPULATION, BY GEOGRAPHIC DIVISIONS:  
1920 AND 1910.



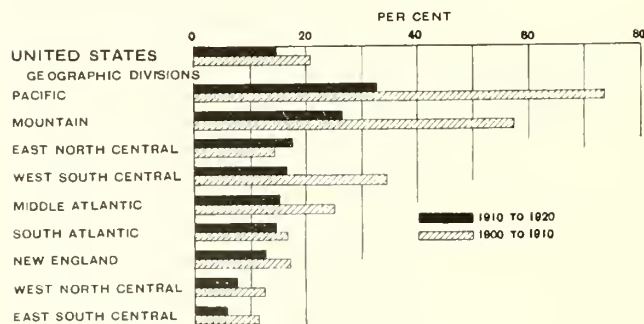
2. DISTRIBUTION OF THE PER CENT OF INCREASE IN TOTAL POPULATION, BY GEOGRAPHIC DIVISIONS: 1910-1920 AND 1900-1910.



3. INCREASE IN POPULATION, BY GEOGRAPHIC DIVISIONS:  
1910-1920.

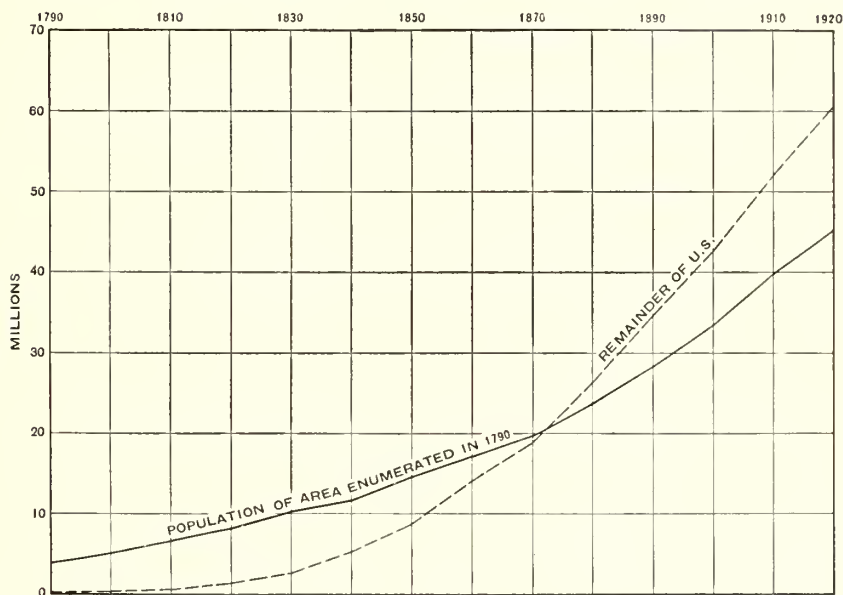


4. PER CENT OF INCREASE IN TOTAL POPULATION OF THE UNITED STATES AND EACH GEOGRAPHIC DIVISION: 1910-1920 AND 1900-1910.

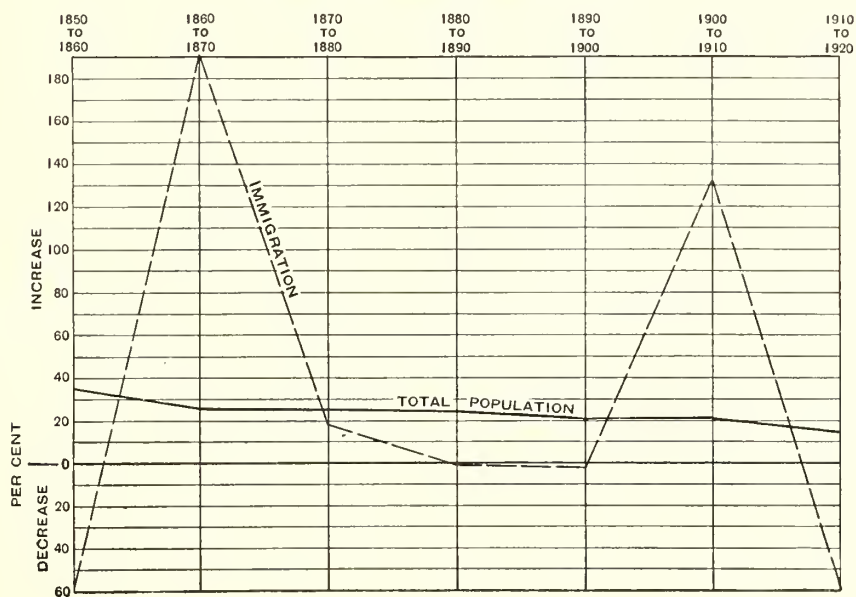




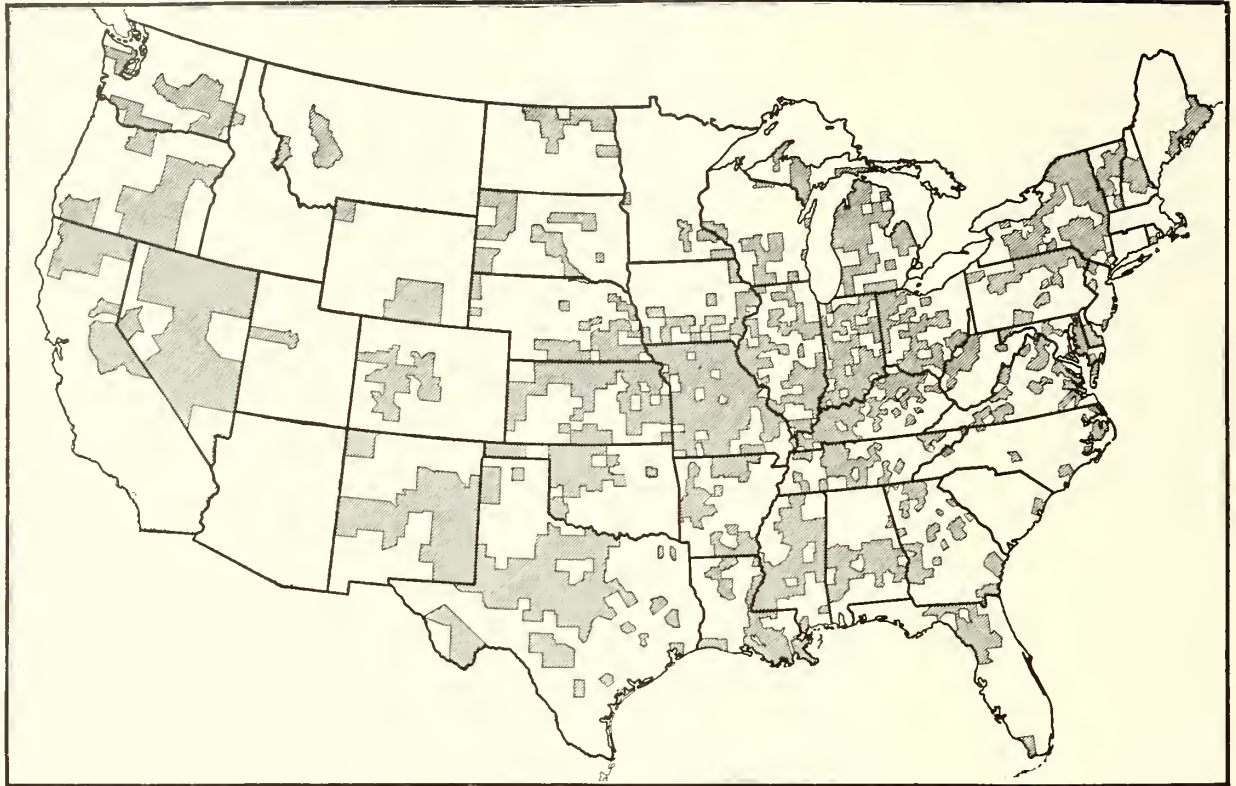
1. GROWTH OF POPULATION IN AREA ENUMERATED IN 1790, WITH GROWTH IN  
REMAINDER OF COUNTRY: 1790-1920.



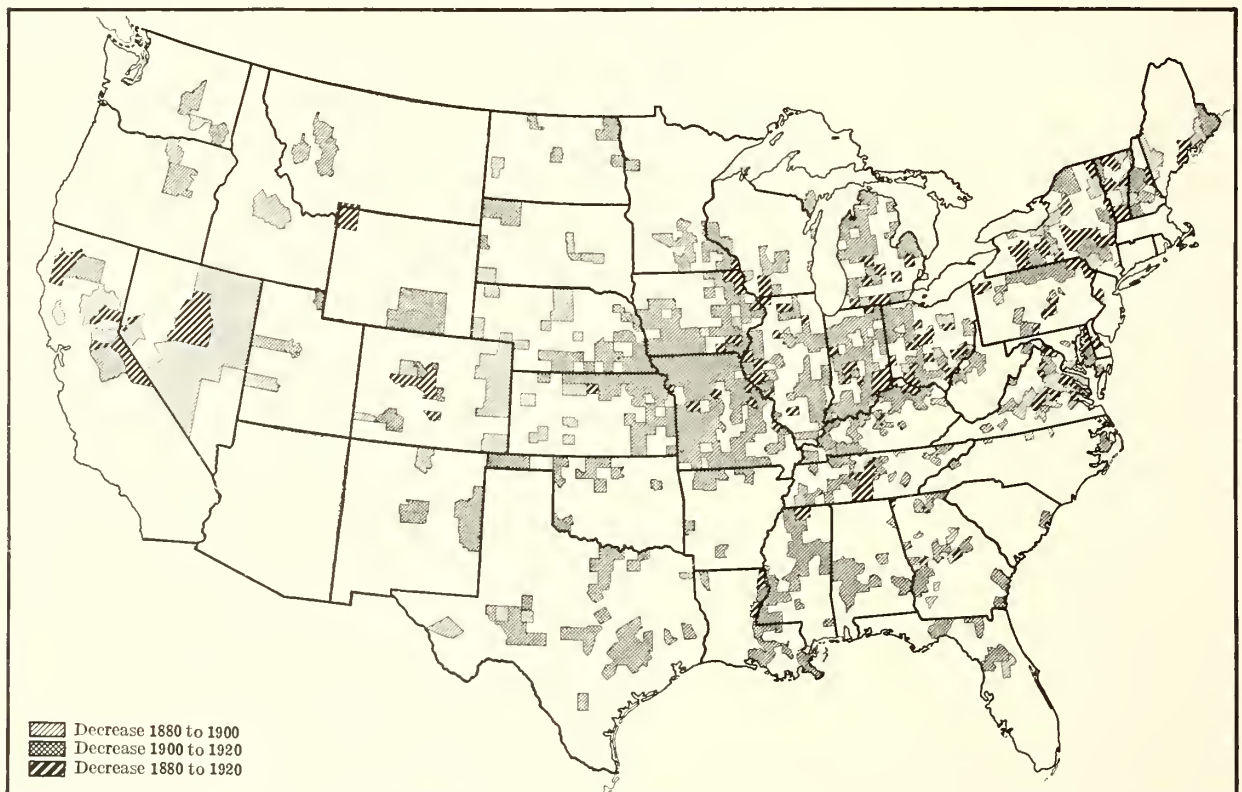
2. COMPARISON OF RATE OF INCREASE IN TOTAL POPULATION WITH RATE OF  
CHANGE OF IMMIGRATION: 1850-1920.



1. COUNTIES (SHADED) IN WHICH POPULATION DECREASED: 1910-1920.

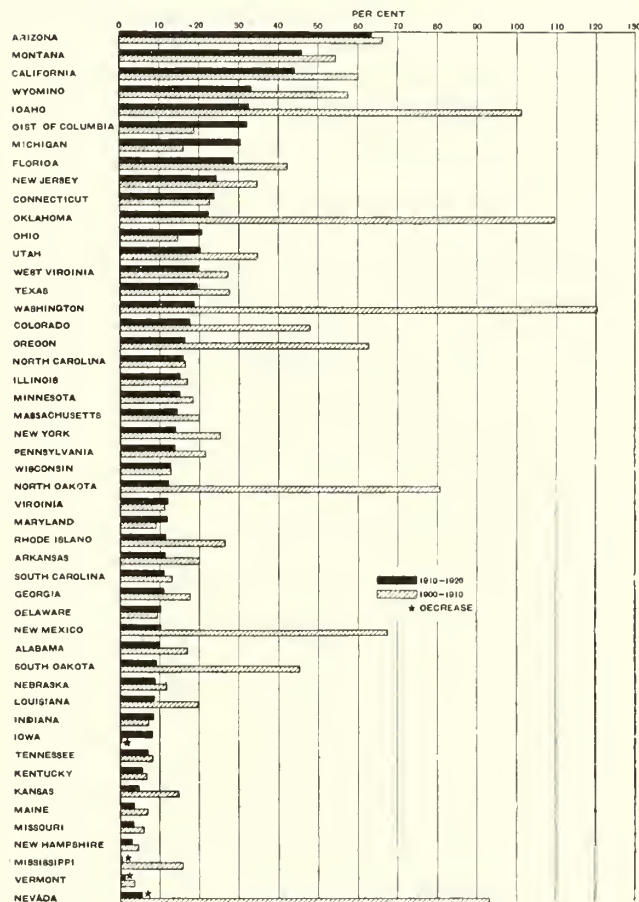
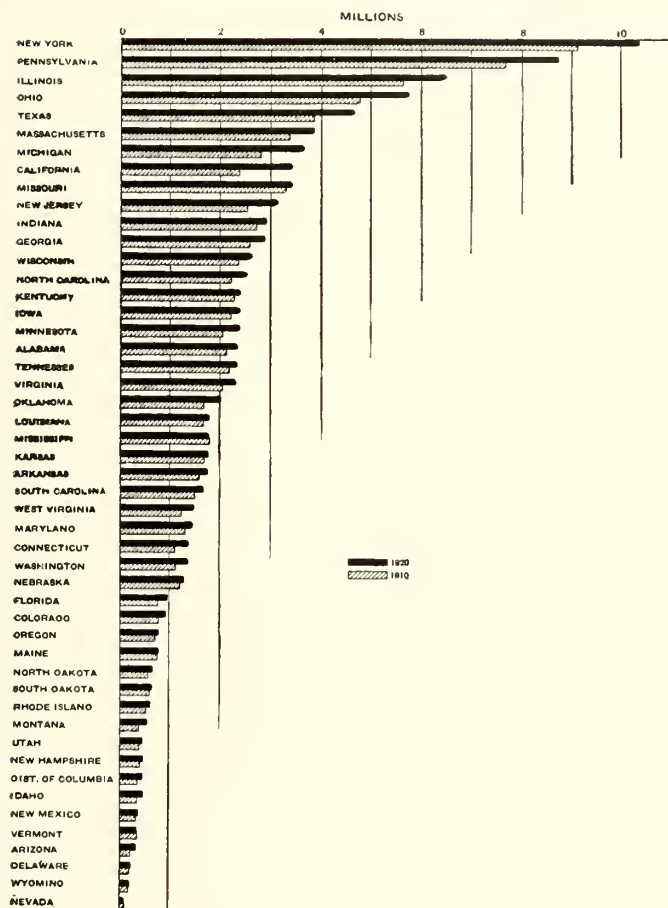


2. COUNTIES IN WHICH POPULATION DECREASED: 1880-1920.



1. TOTAL POPULATION, BY STATES: 1920 AND 1910.

2. PER CENT OF INCREASE IN TOTAL POPULATION, BY STATES:  
1910-1920 AND 1900-1910.



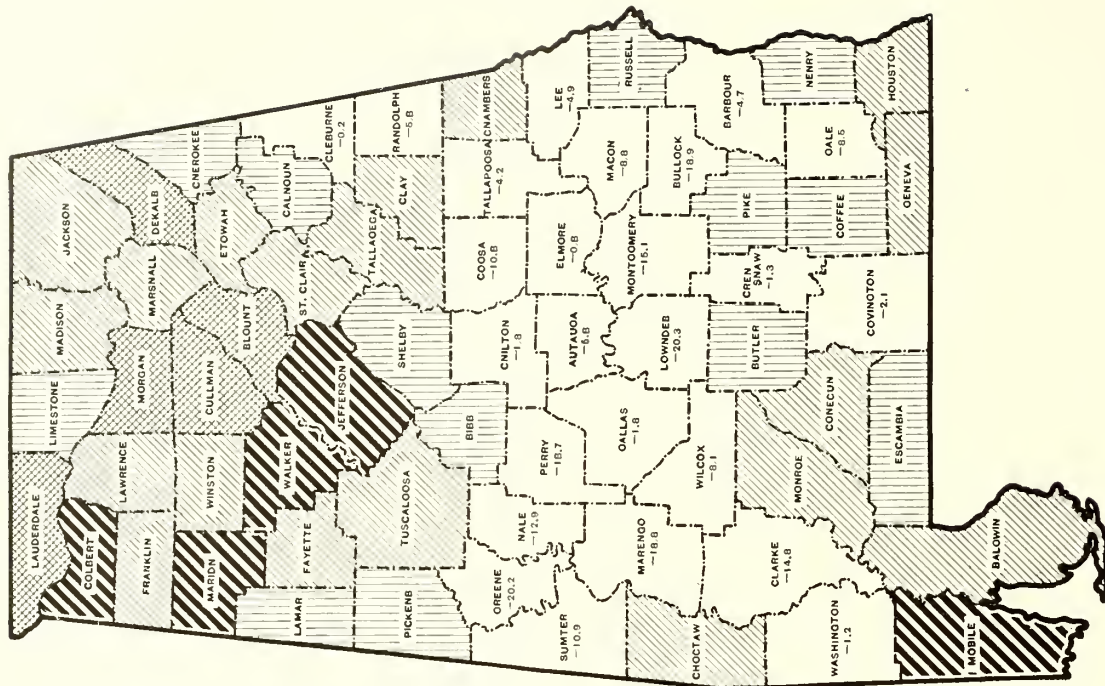
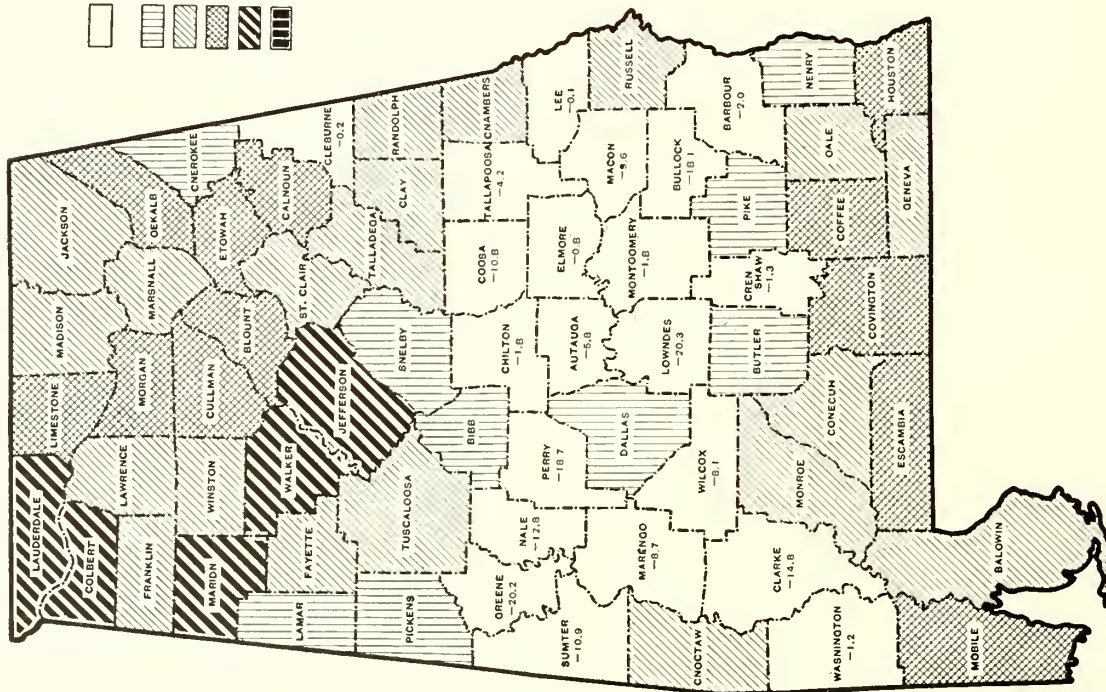
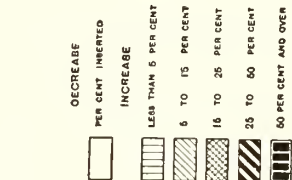


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF ALABAMA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

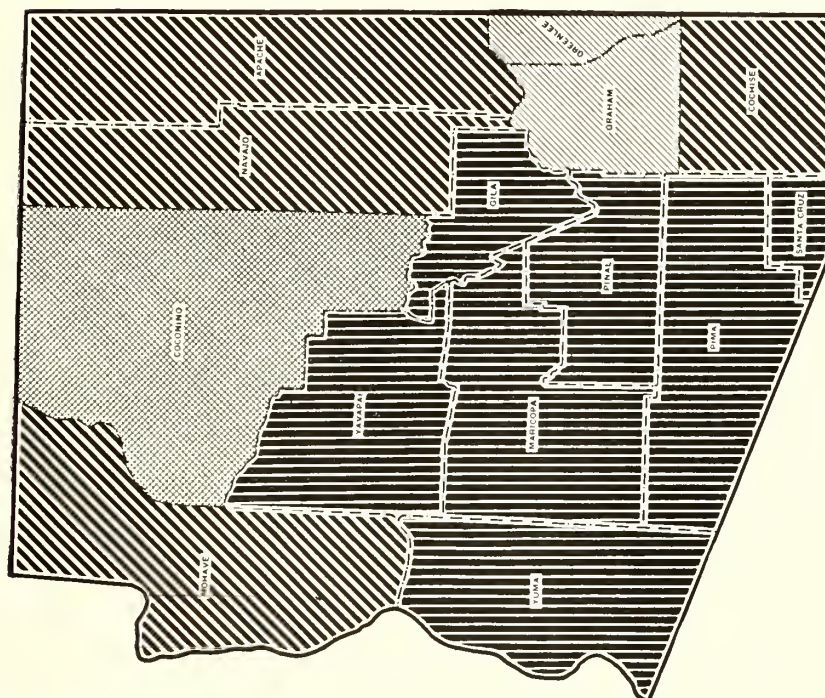
## RURAL POPULATION.



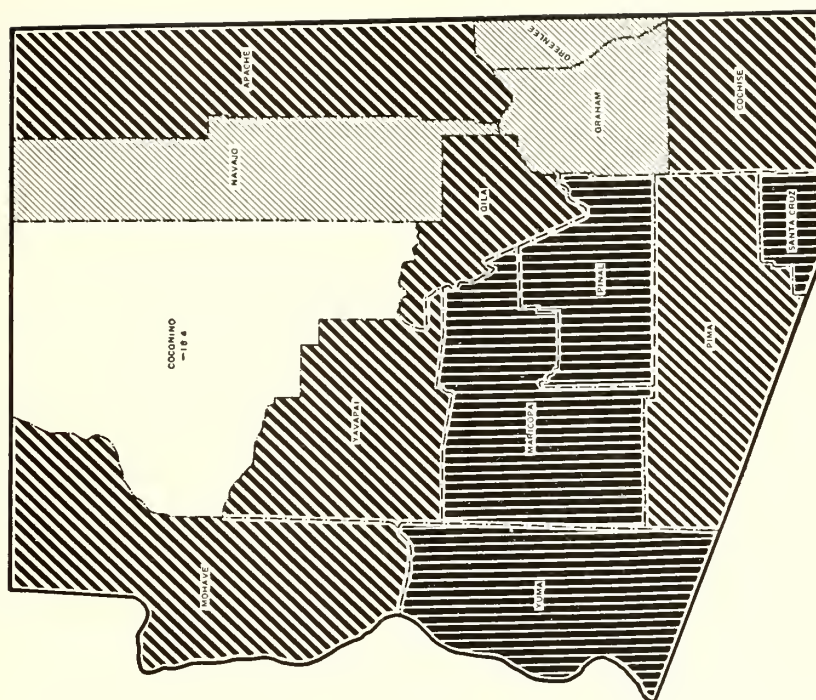
PER CENT OF INCREASE OR DECREASE IN POPULATION OF ARIZONA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

**TOTAL POPULATION.**



## RURAL POPULATION.



DECREASE		INCREASE	
PER CENT INCREASE	PER CENT DECREASE	PER CENT INCREASE	PER CENT DECREASE
16 TO 26 PER CENT	LESS THAN 5 PER CENT	16 TO 26 PER CENT	LESS THAN 5 PER CENT
25 TO 50 PER CENT	5 TO 16 PER CENT	25 TO 50 PER CENT	5 TO 16 PER CENT
50 PER CENT AND OVER		50 PER CENT AND OVER	

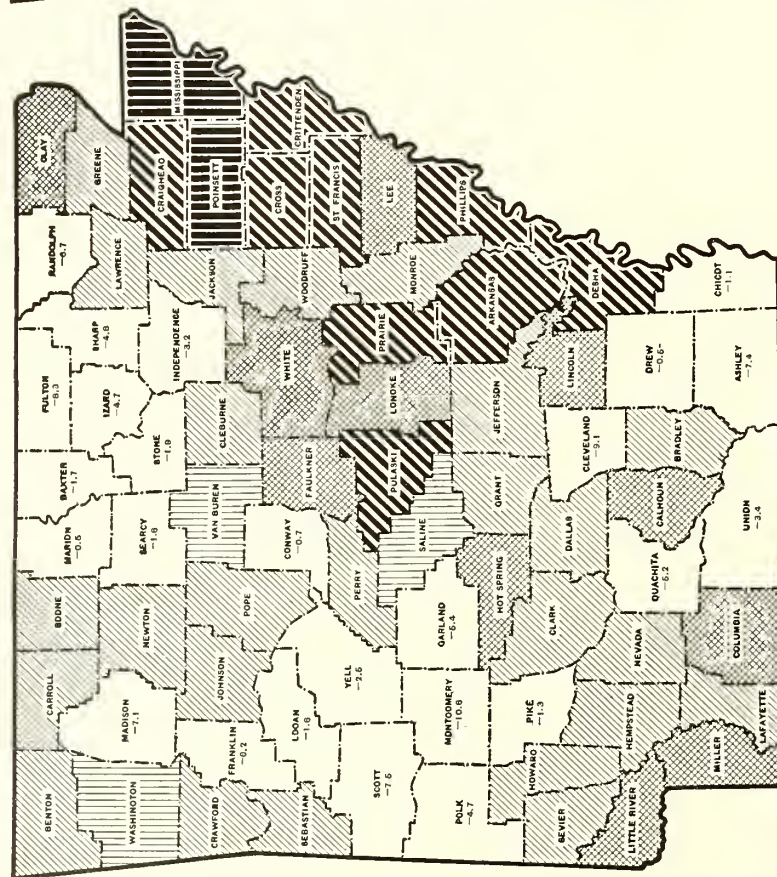


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF ARKANSAS, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.



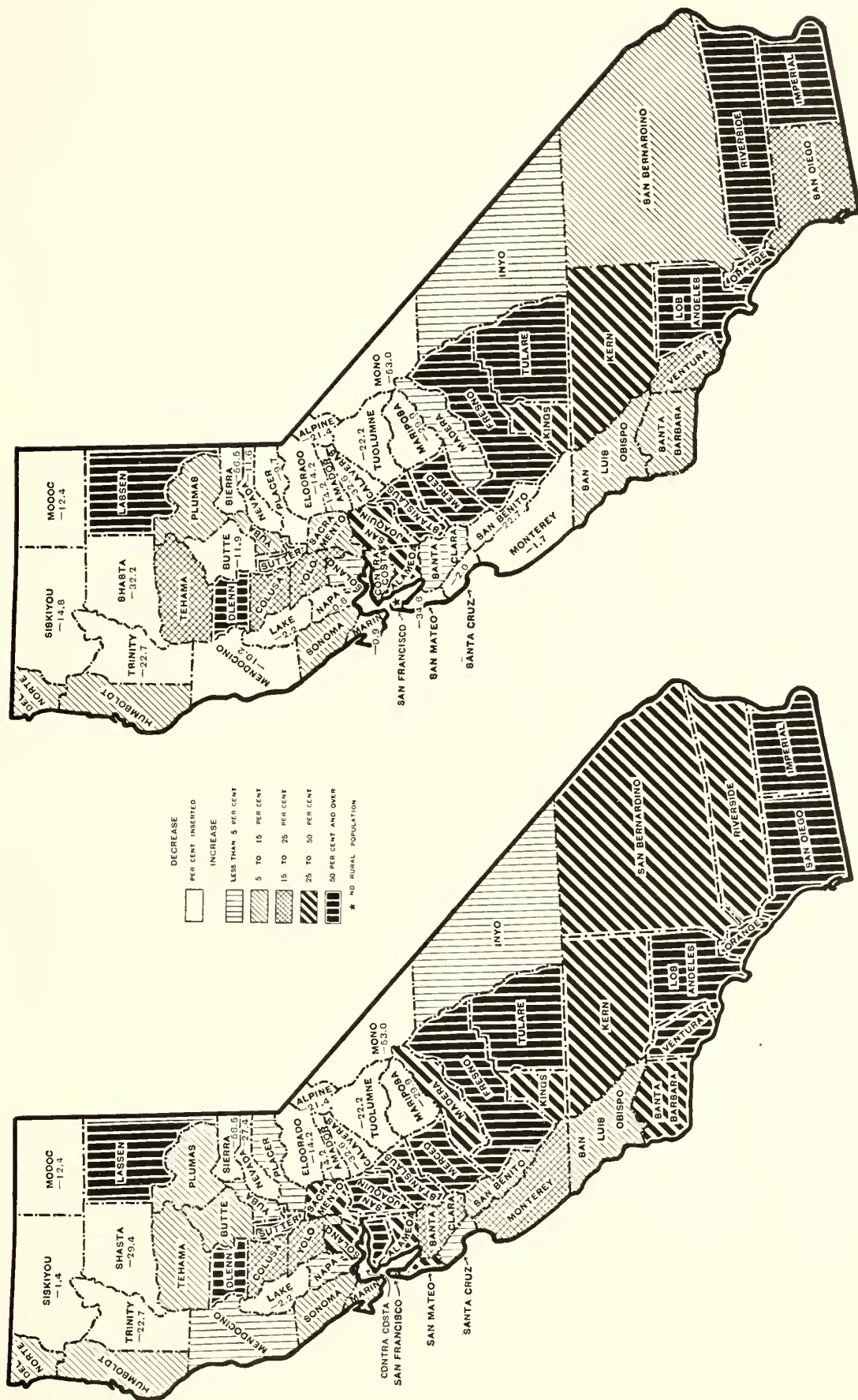


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF CALIFORNIA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

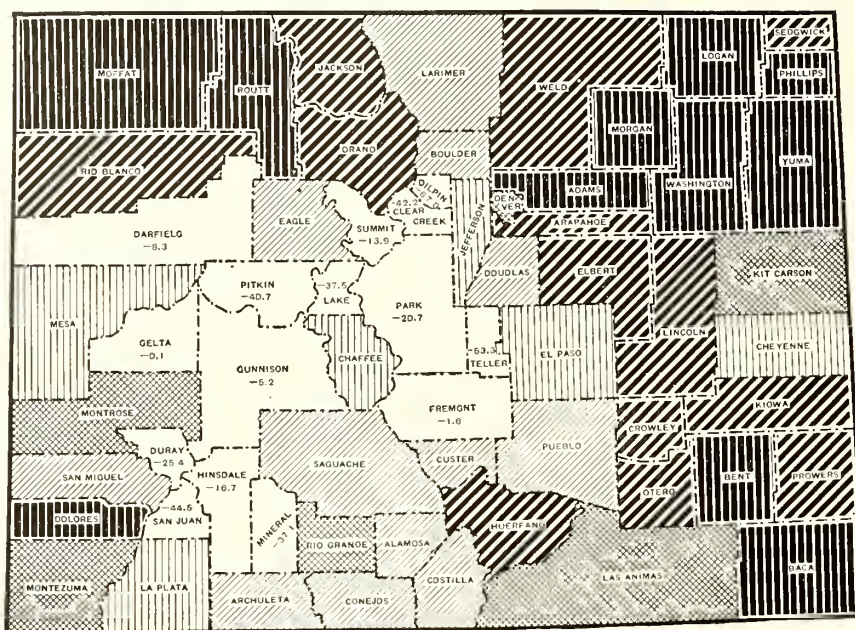
RURAL POPULATION.



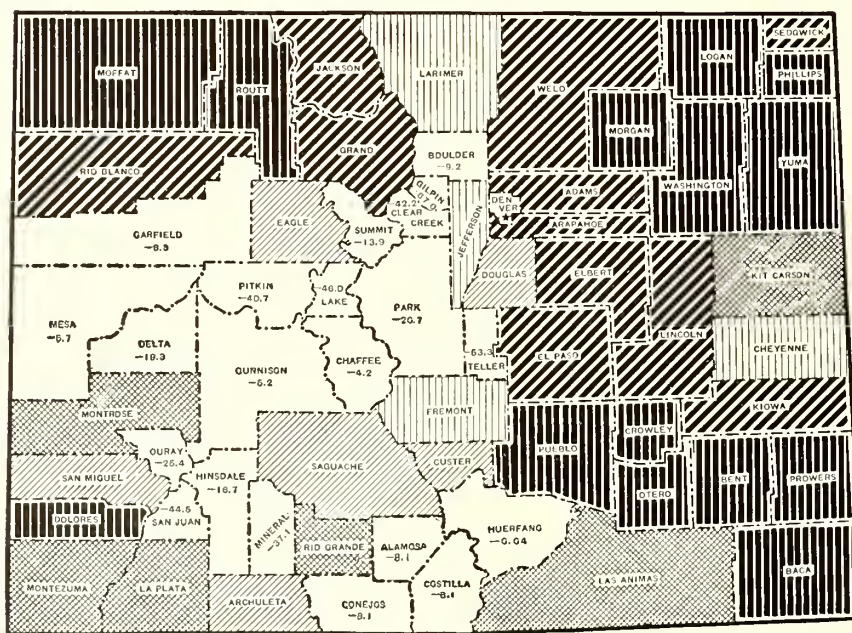
PER CENT OF INCREASE OR DECREASE IN POPULATION OF COLORADO, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



INCREASE

DECREASE	LESS THAN 5 PER CENT	15 TO 25 PER CENT	50 PER CENT AND OVER
 PER CENT INSERTED	 	 	

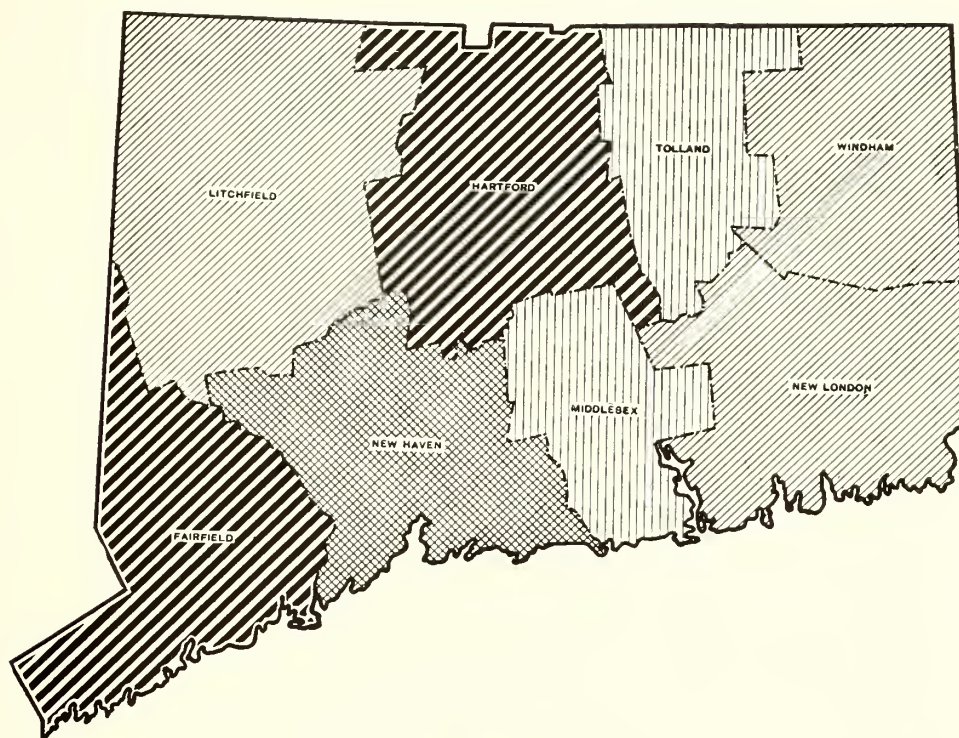
★ NO RURAL POPULATION



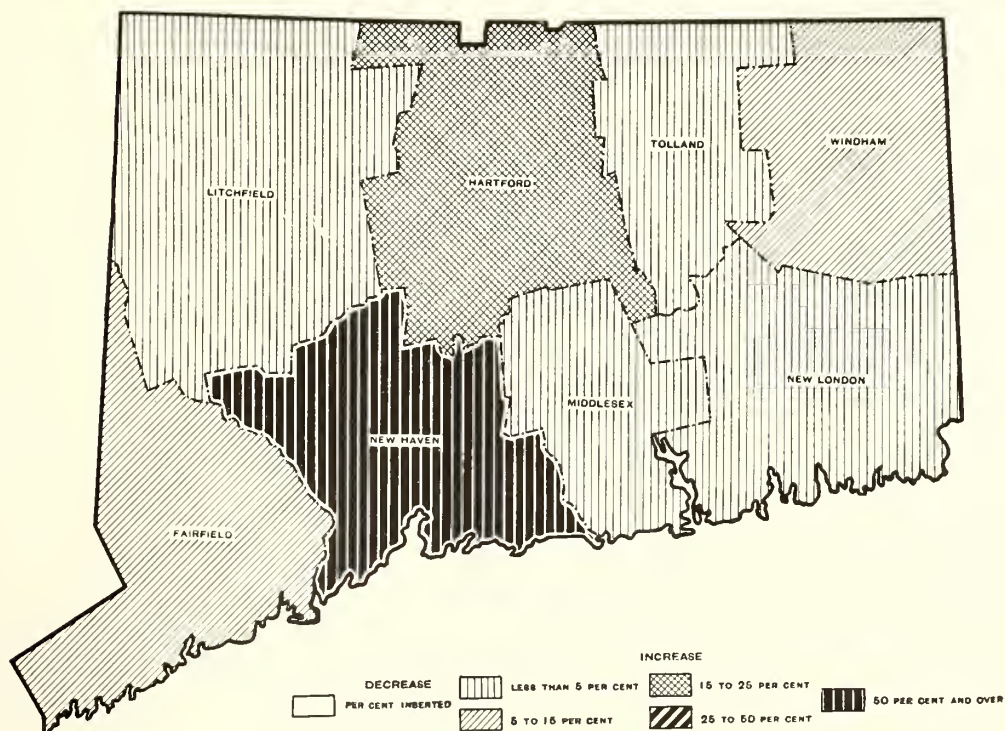
## PER CENT OF INCREASE IN POPULATION OF CONNECTICUT, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



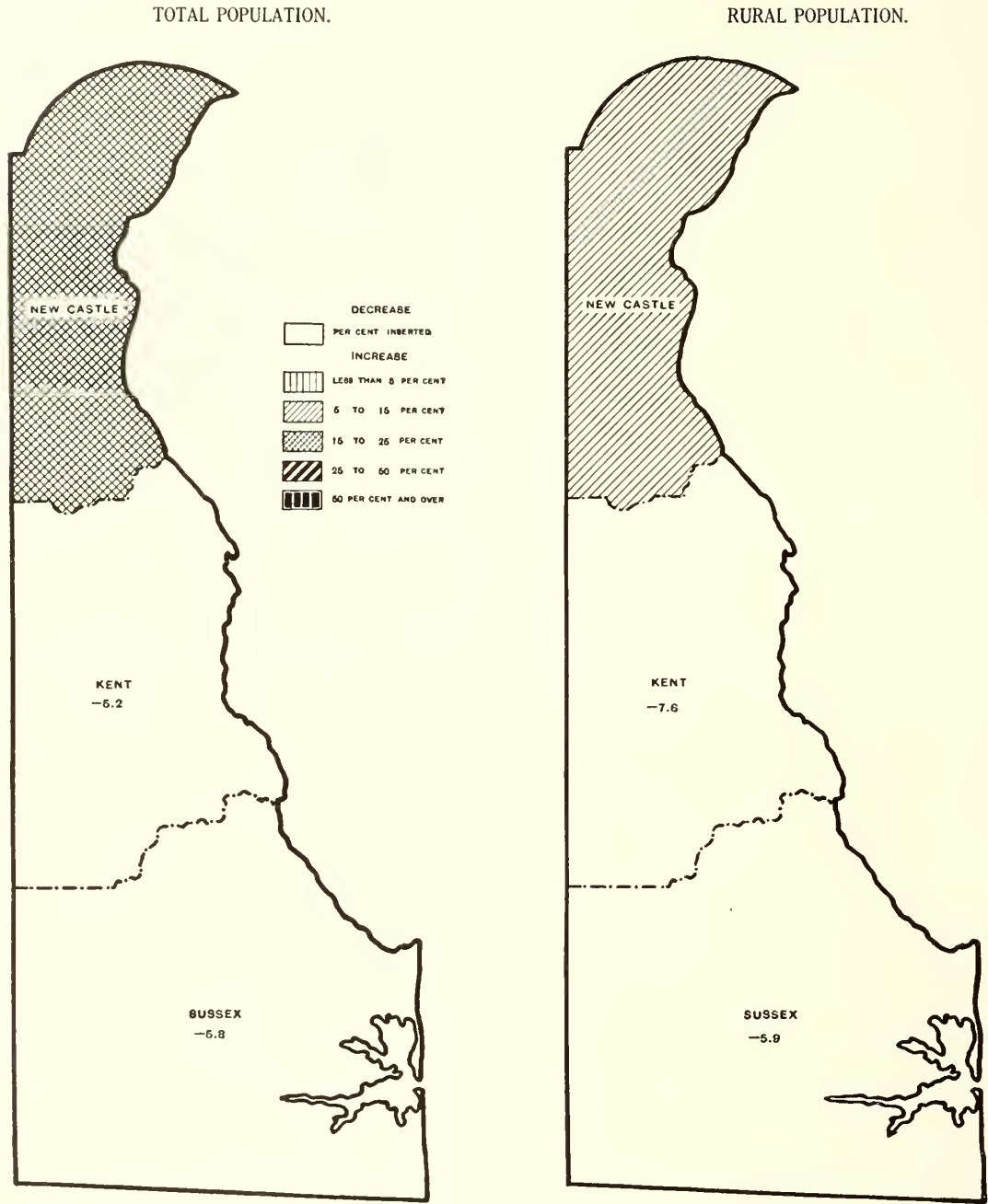
## RURAL POPULATION.



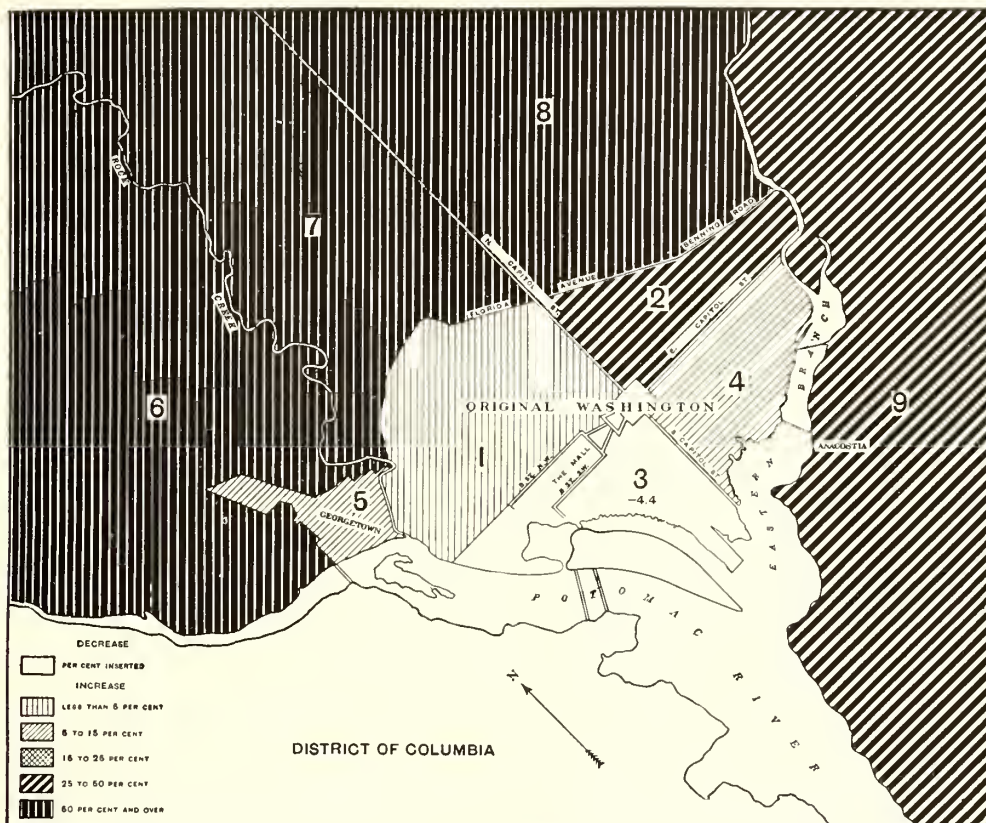


PER CENT OF INCREASE OR DECREASE IN POPULATION OF DELAWARE, BY COUNTIES: 1910-1920.

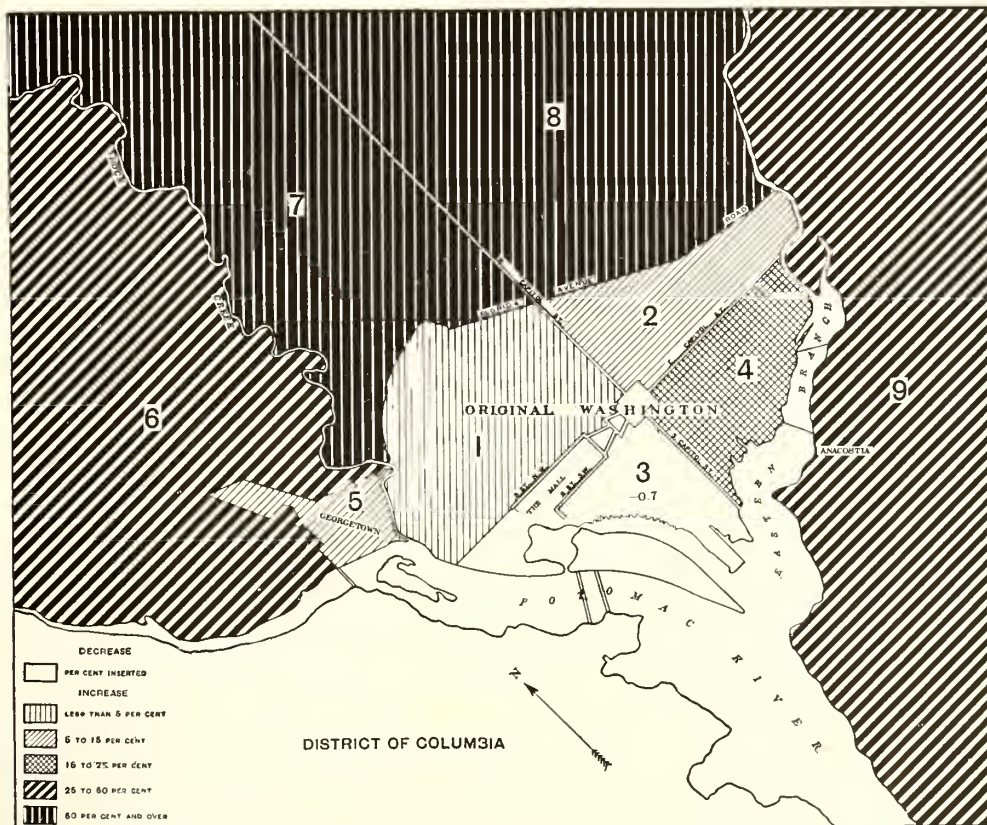
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



PER CENT OF INCREASE OR DECREASE IN POPULATION OF THE DISTRICT OF COLUMBIA, BY DISTRICTS:  
1910-1920.



1900-1910.

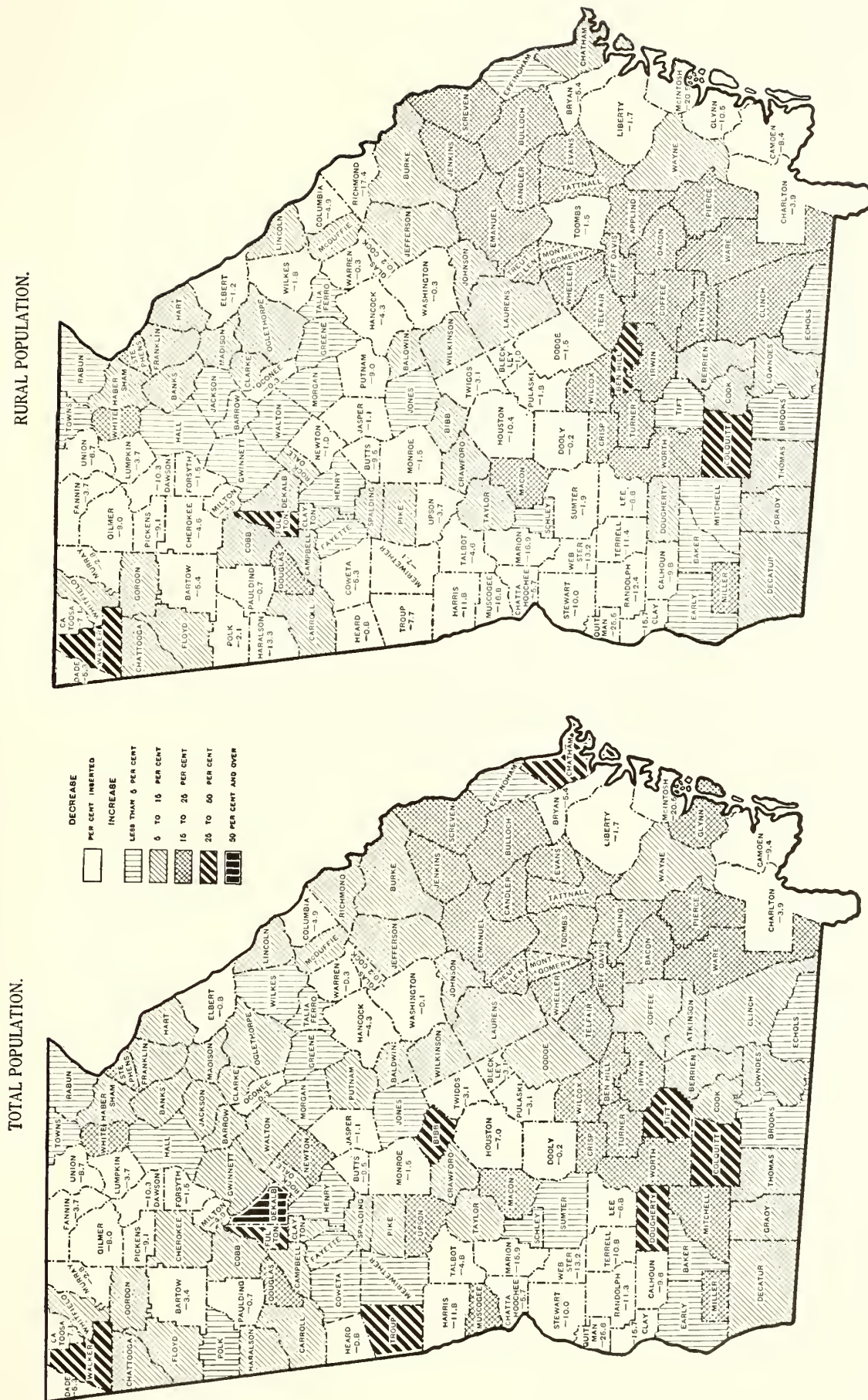






PER CENT OF INCREASE OR DECREASE IN POPULATION OF GEORGIA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



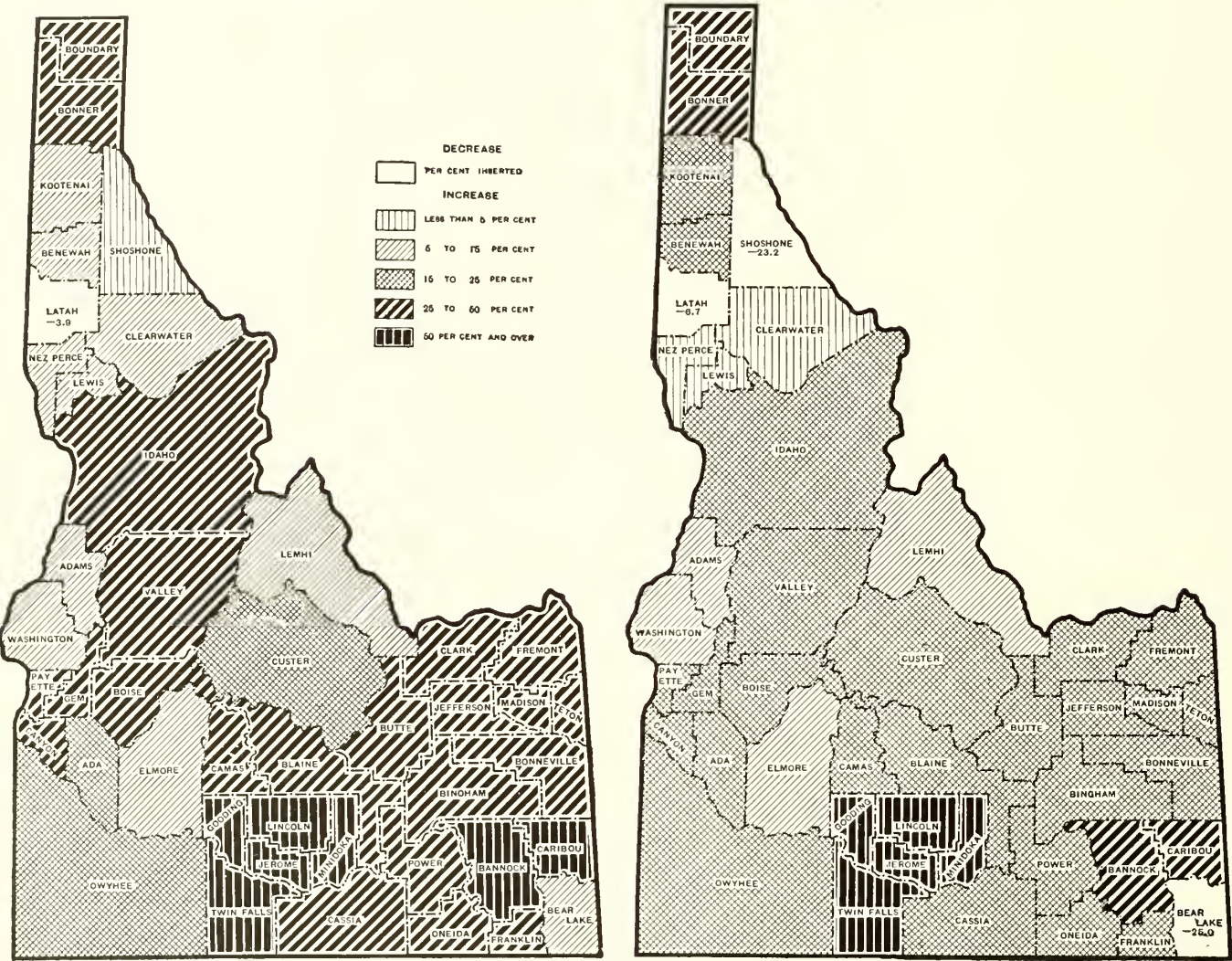


PER CENT OF INCREASE OR DECREASE IN POPULATION OF IDAHO, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.

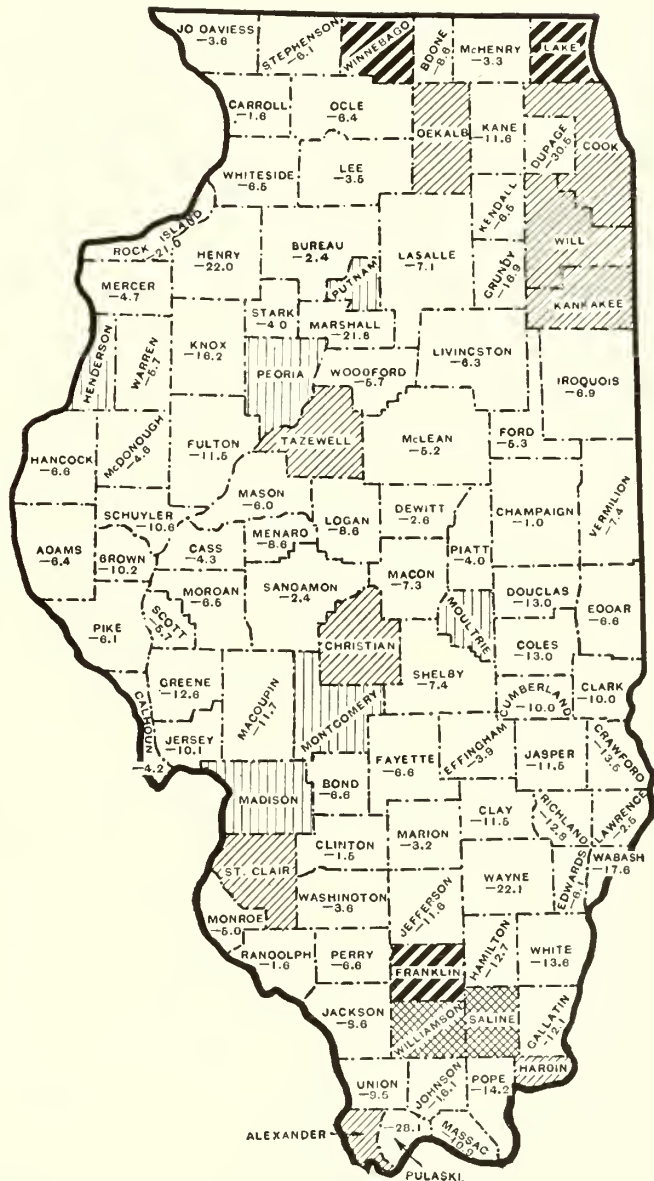
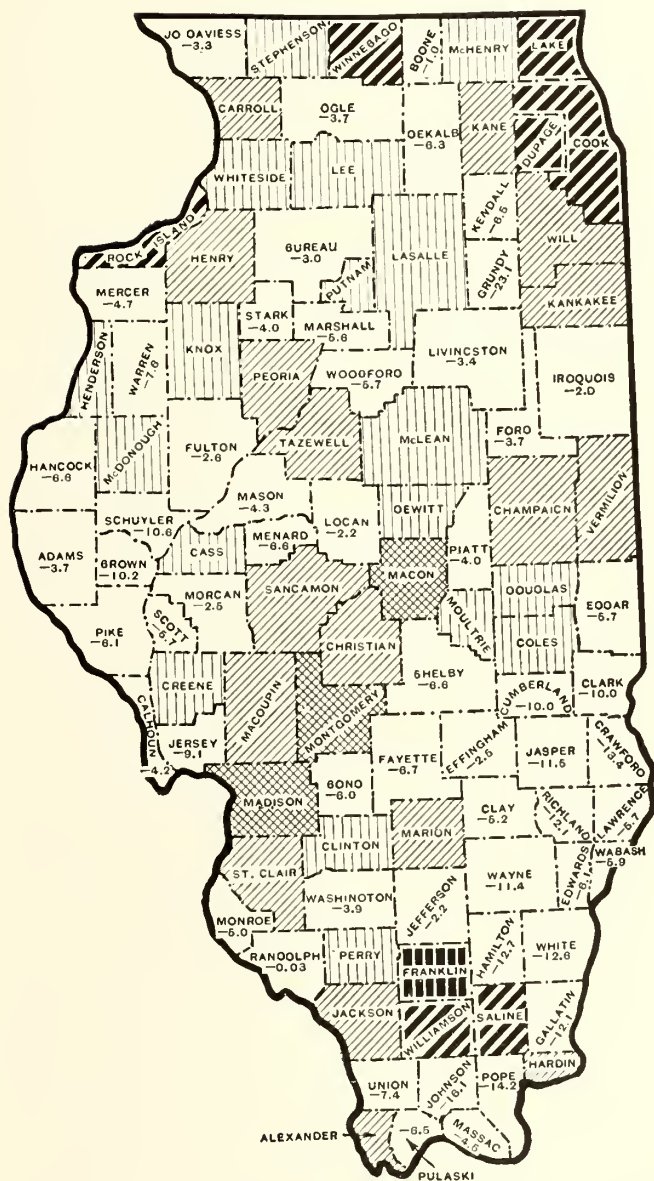


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF ILLINOIS, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.

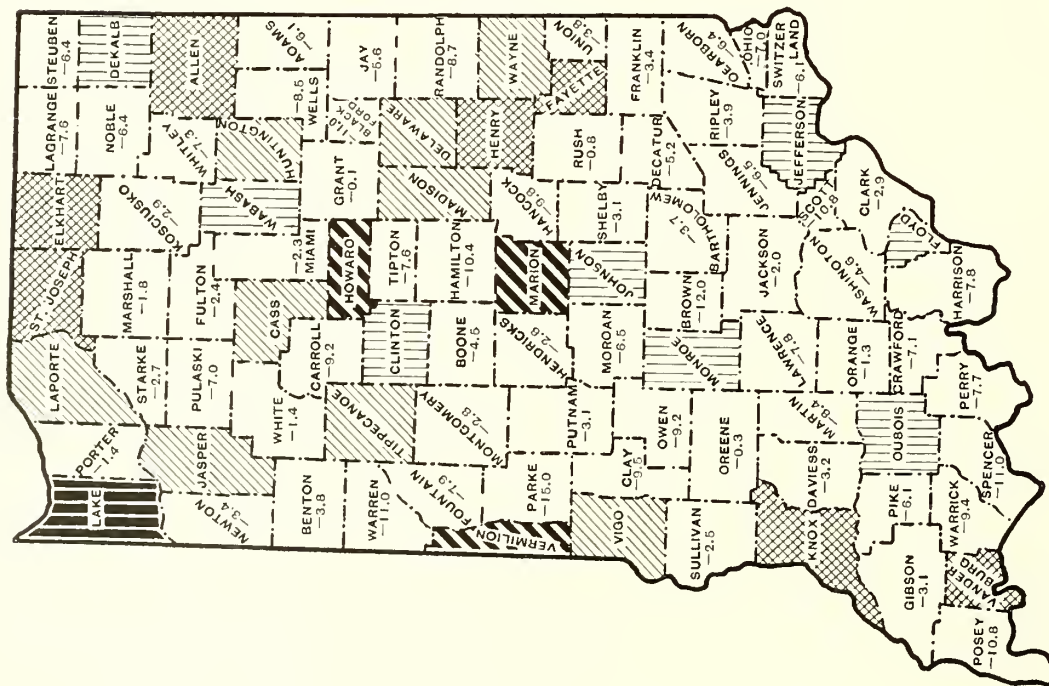




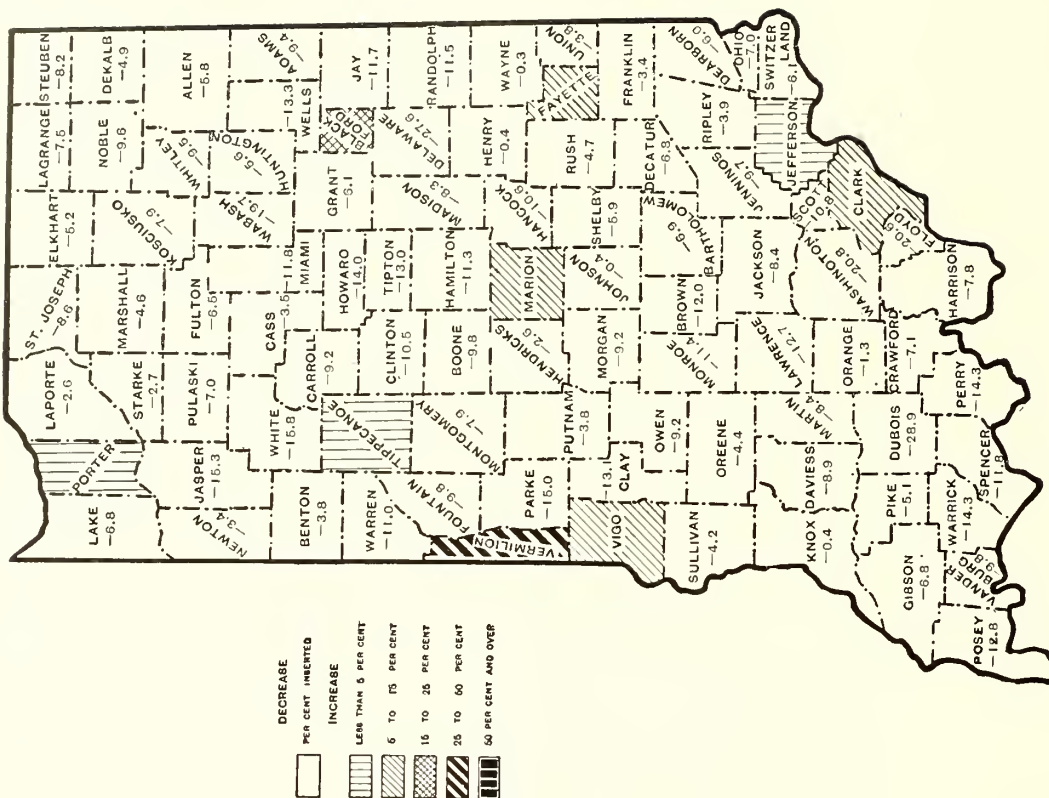
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF INDIANA, BY COUNTIES; 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



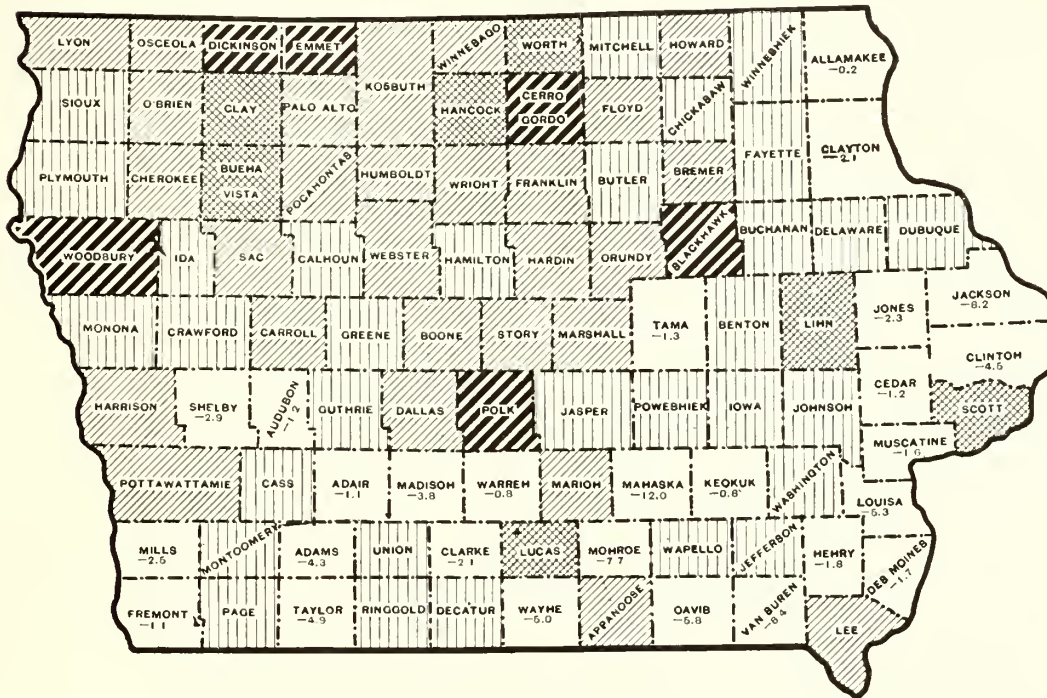
## RURAL POPULATION.



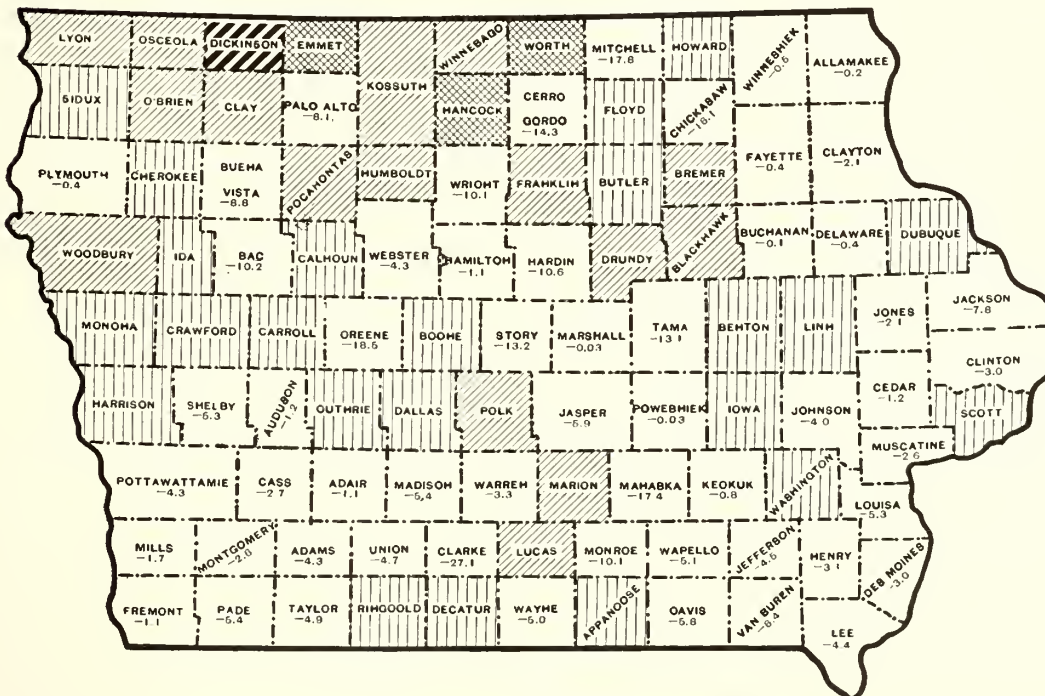
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF IOWA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

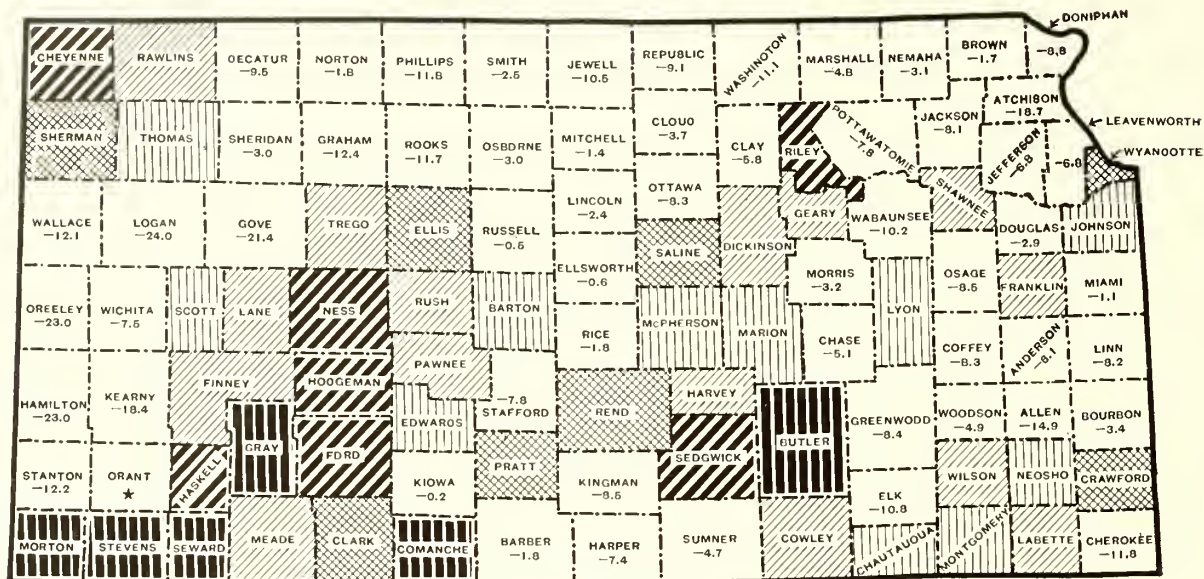




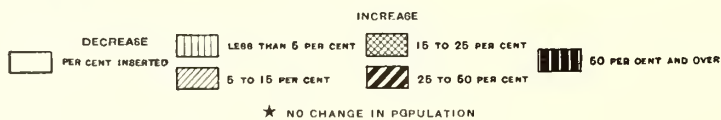
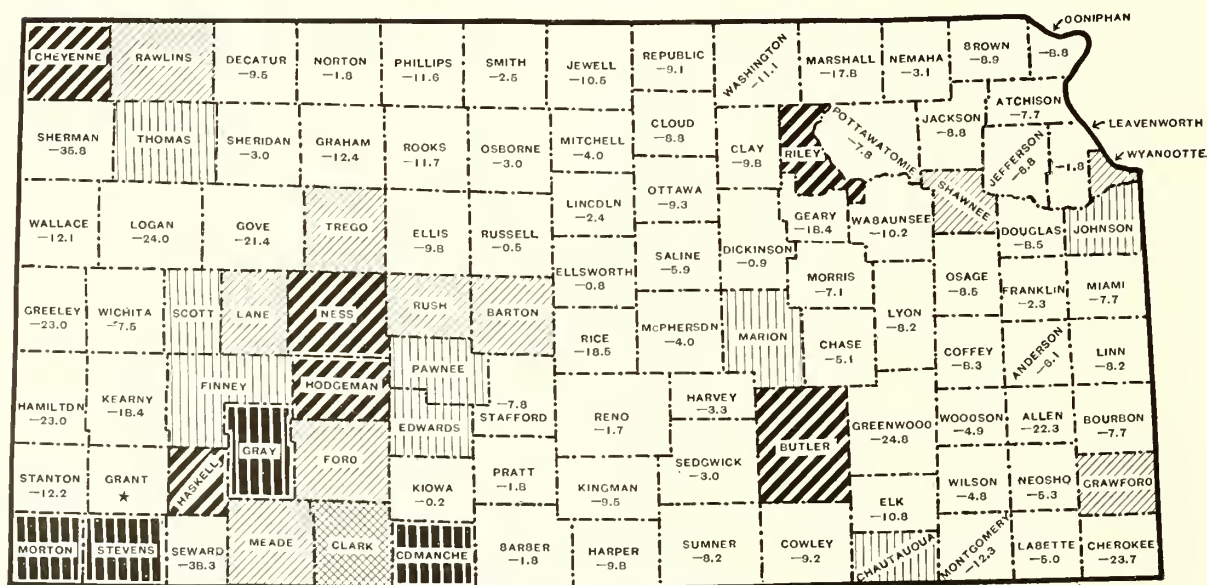
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF KANSAS, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



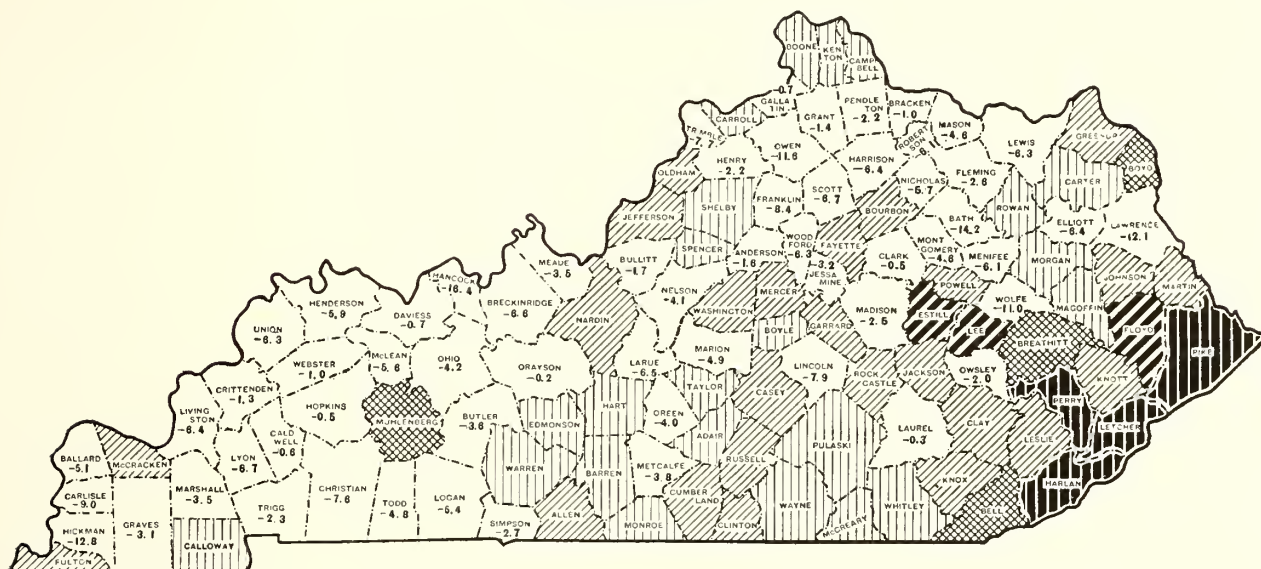
## RURAL POPULATION.



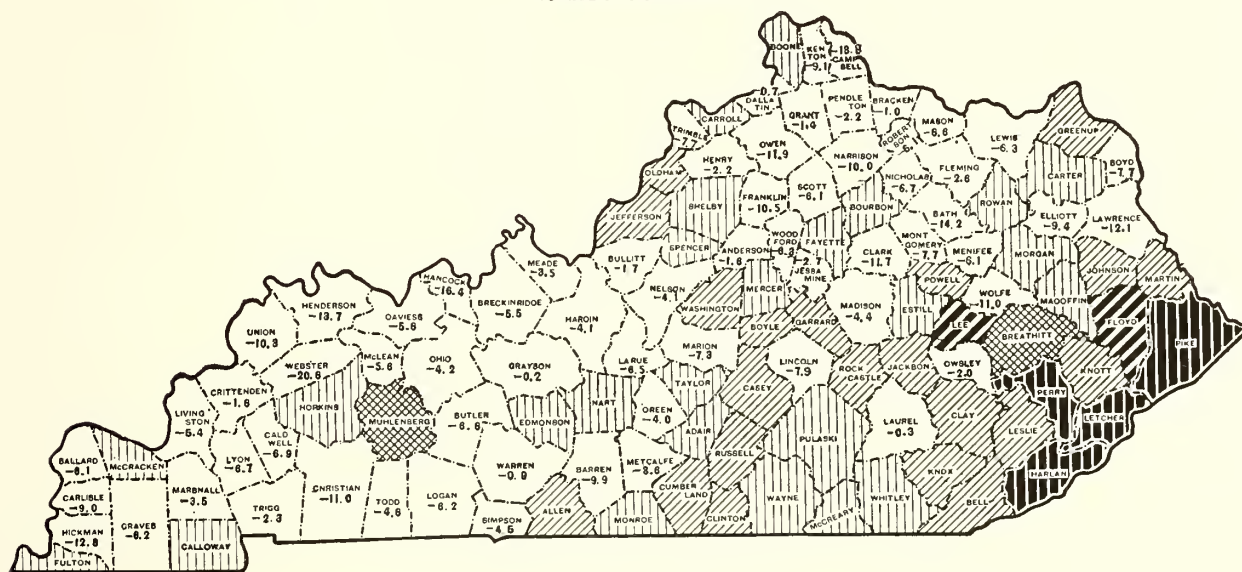
PER CENT OF INCREASE OR DECREASE IN POPULATION OF KENTUCKY, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



## RURAL POPULATION.



INCREASE

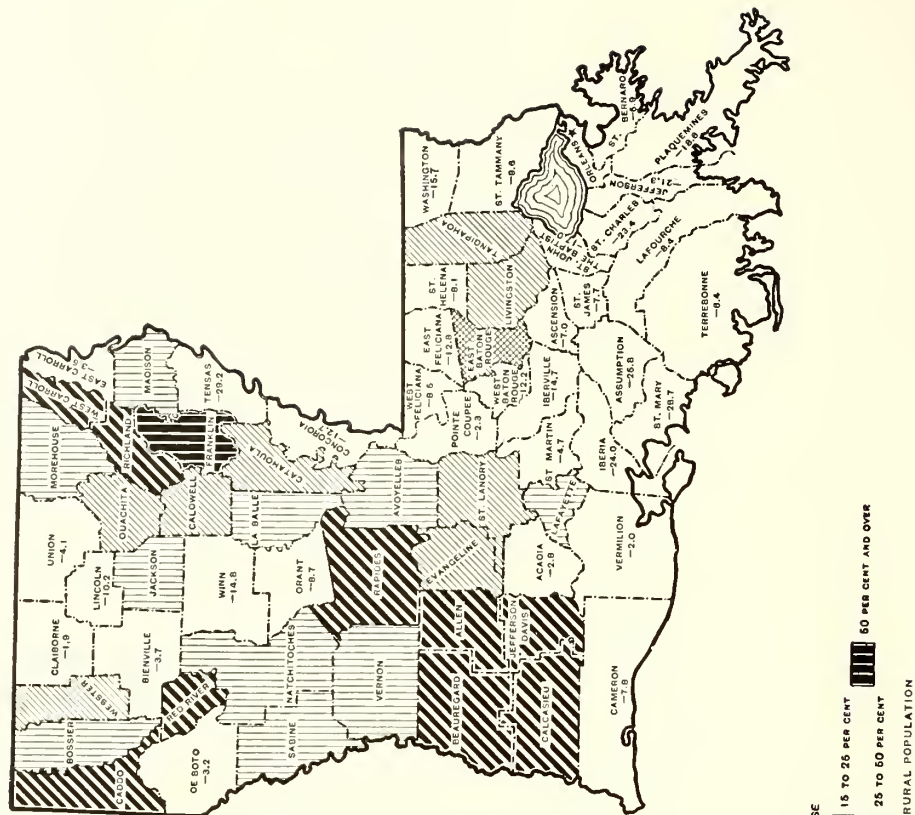
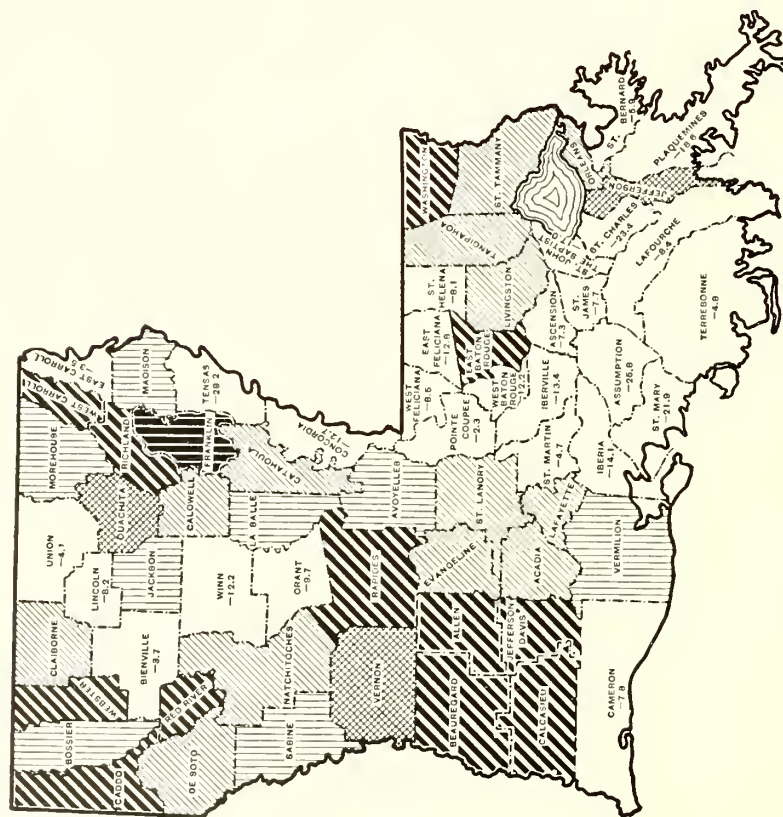
 DECREASE  
 PER CENT INSERTED

LESS THAN 5 PER CENT  5 TO 15 PER CENT	15 TO 25 PER CENT  25 TO 50 PER CENT	50 PER CENT AND OVER
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Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

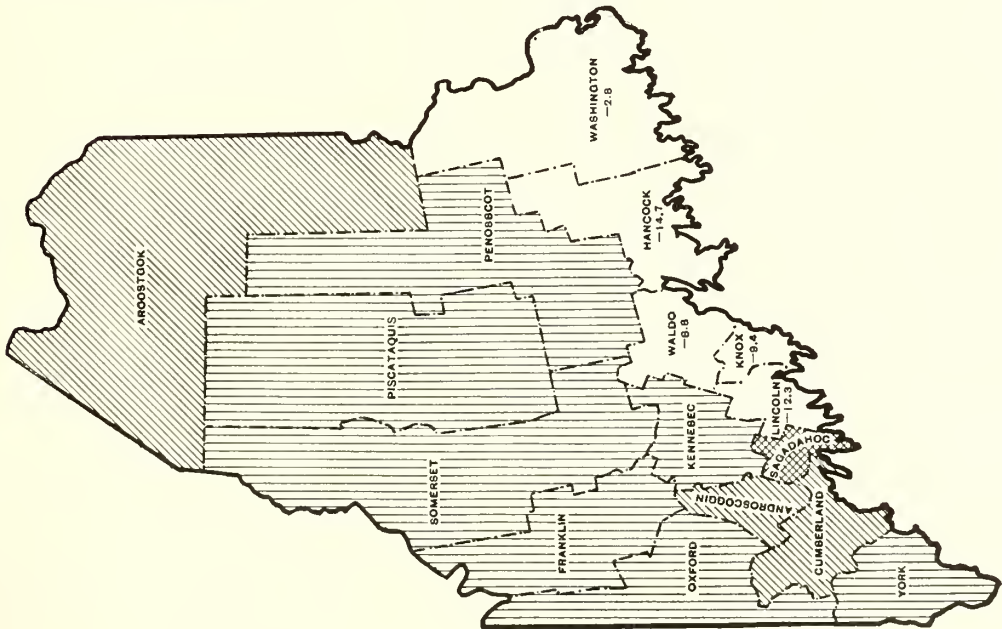
## RURAL POPULATION.



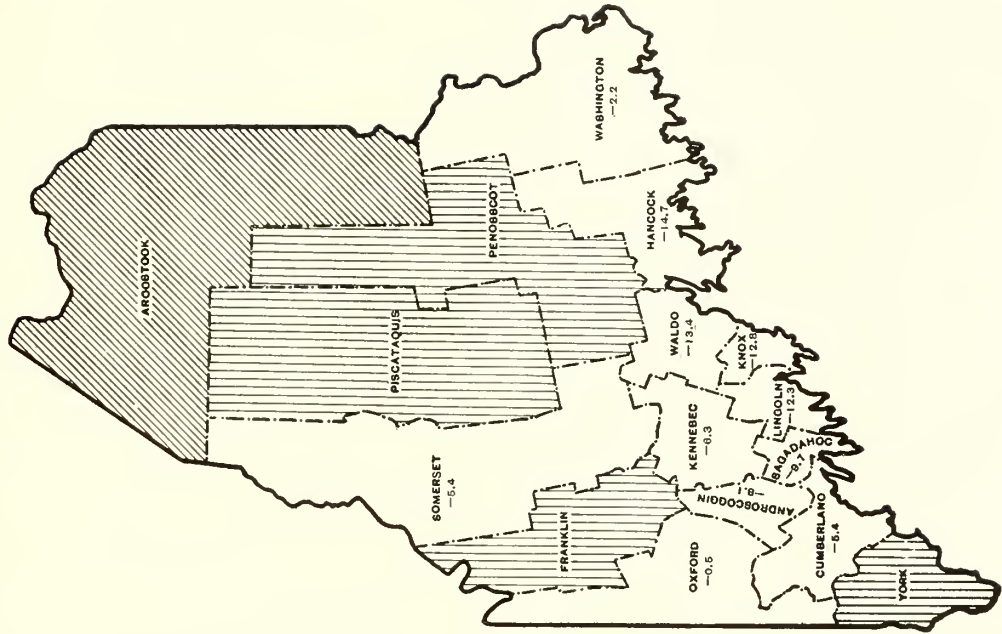
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF MAINE, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

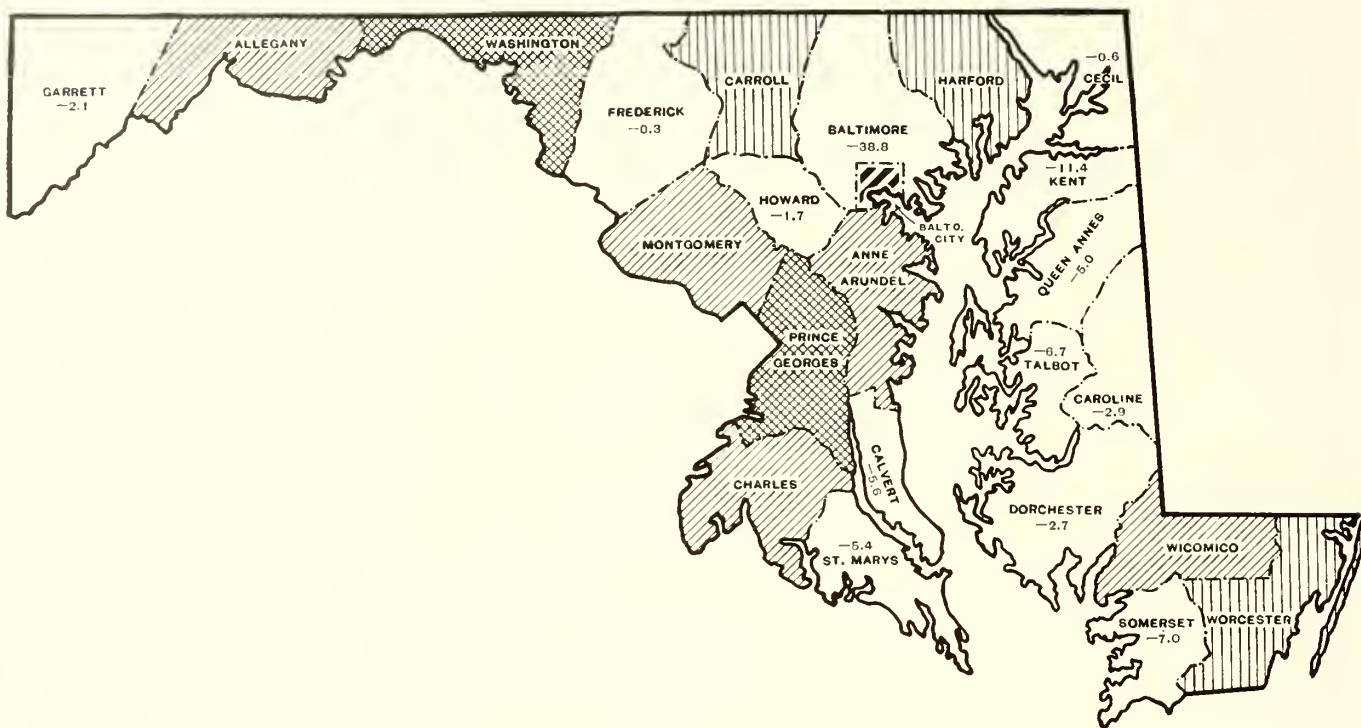




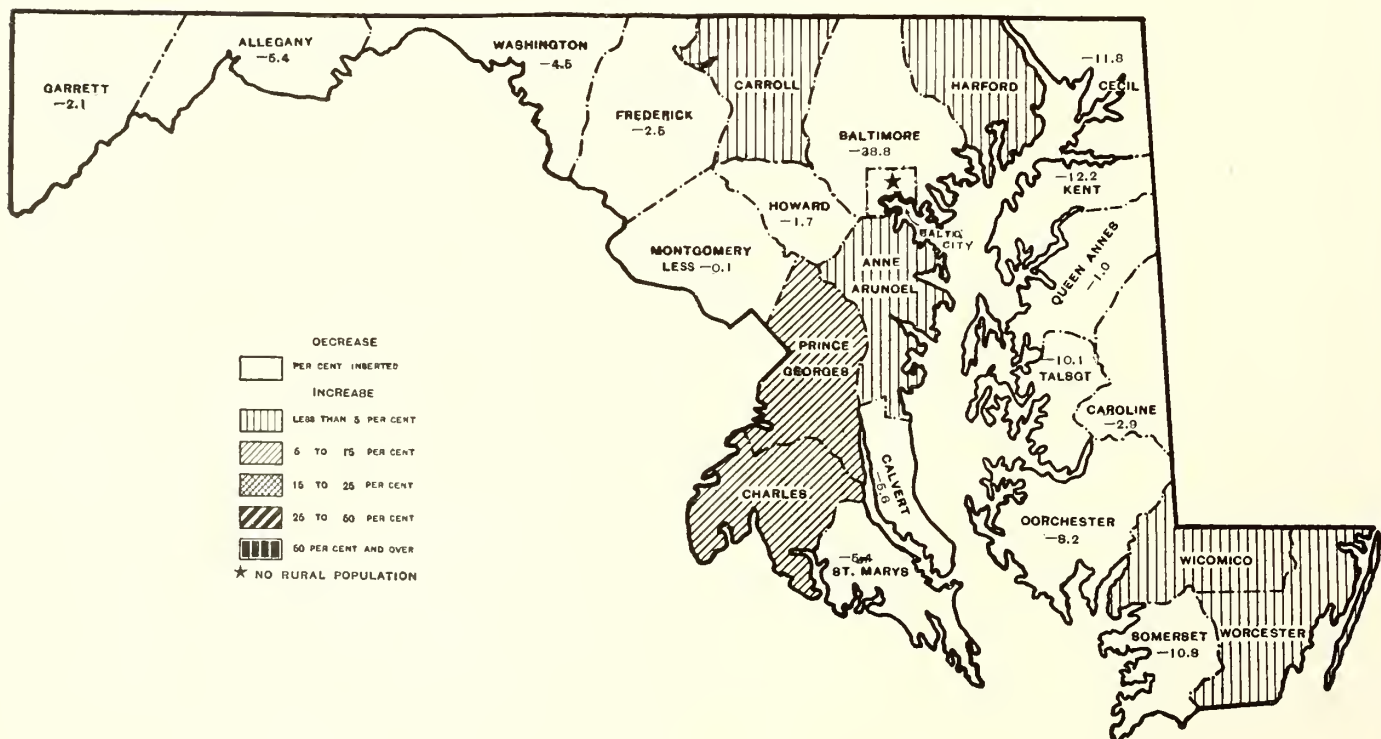
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF MARYLAND, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

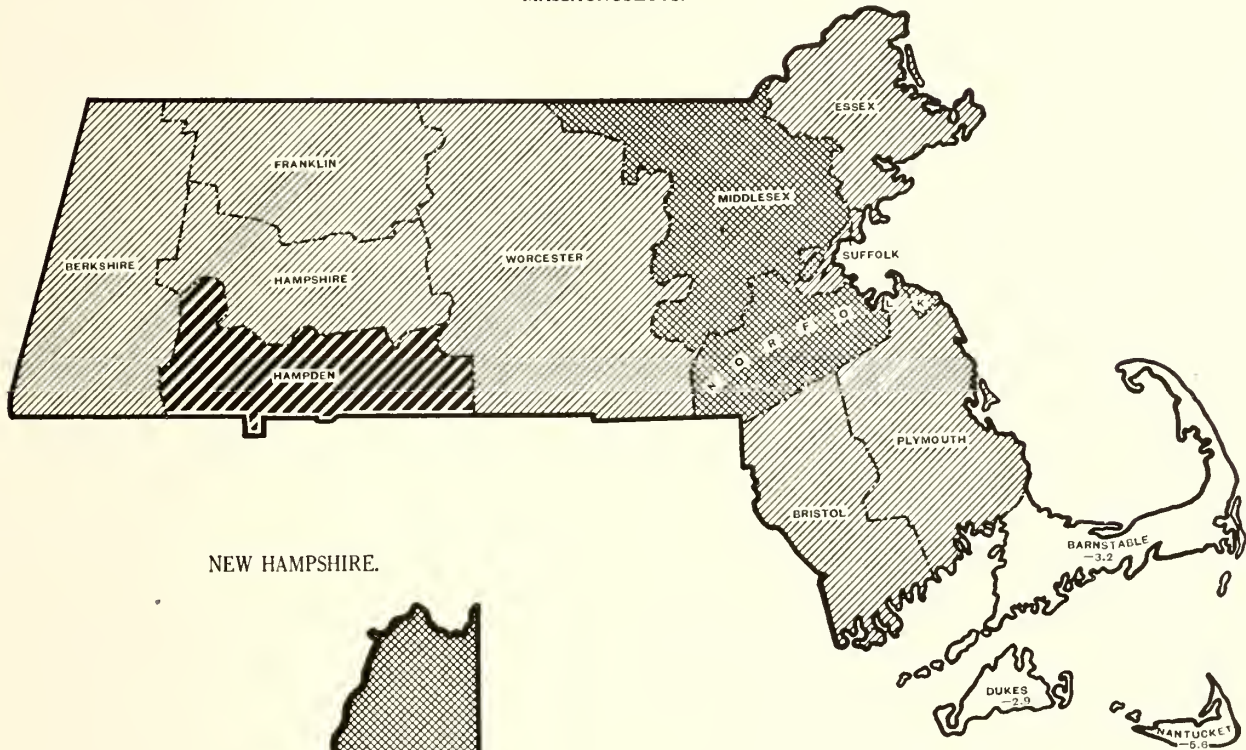


## RURAL POPULATION.

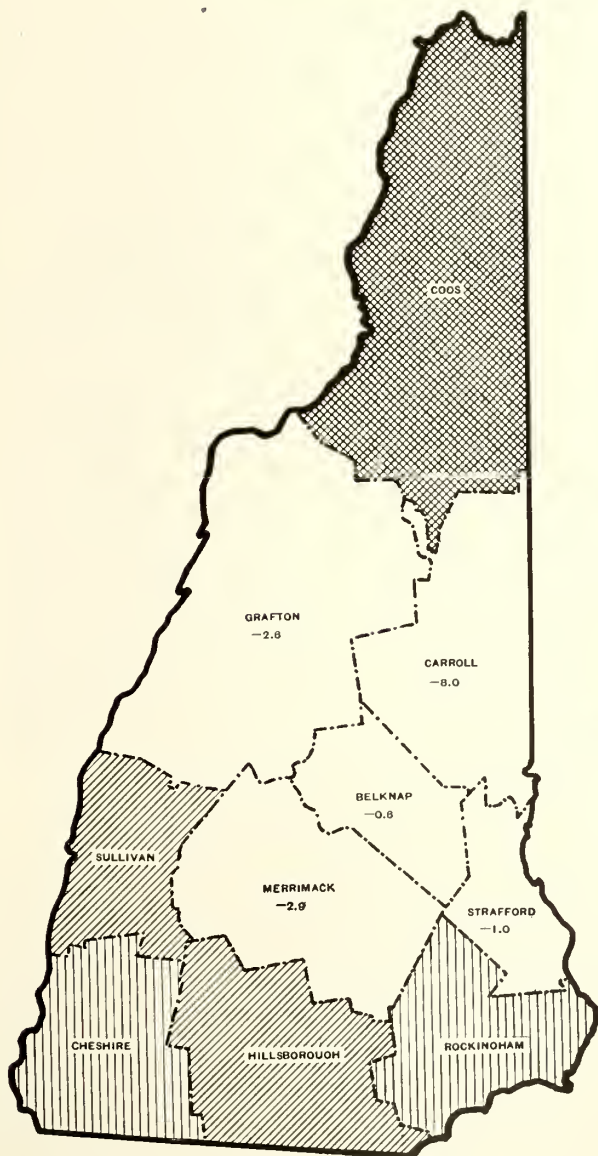


PER CENT OF INCREASE OR DECREASE IN TOTAL POPULATION OF MASSACHUSETTS, NEW HAMPSHIRE, AND RHODE ISLAND, BY COUNTIES: 1910-1920.

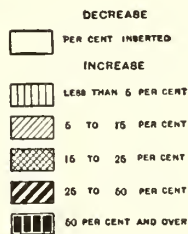
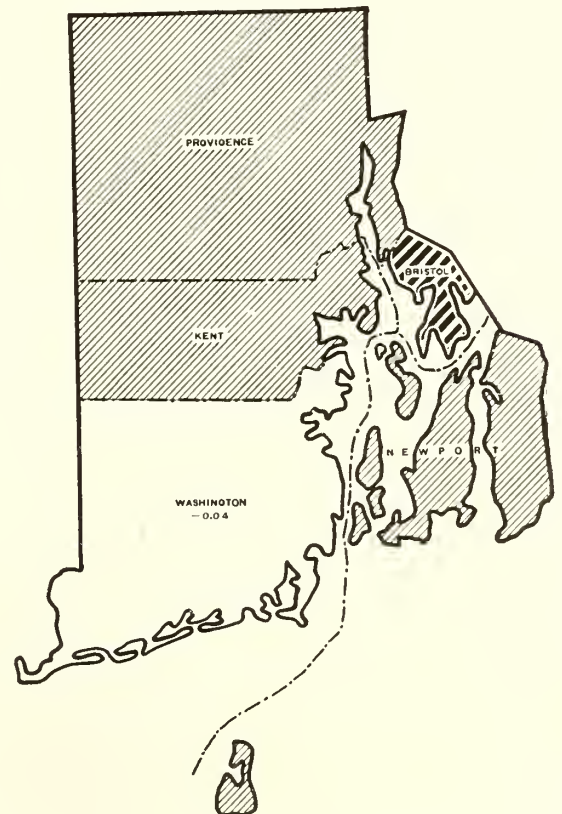
MASSACHUSETTS.



NEW HAMPSHIRE.



RHODE ISLAND.



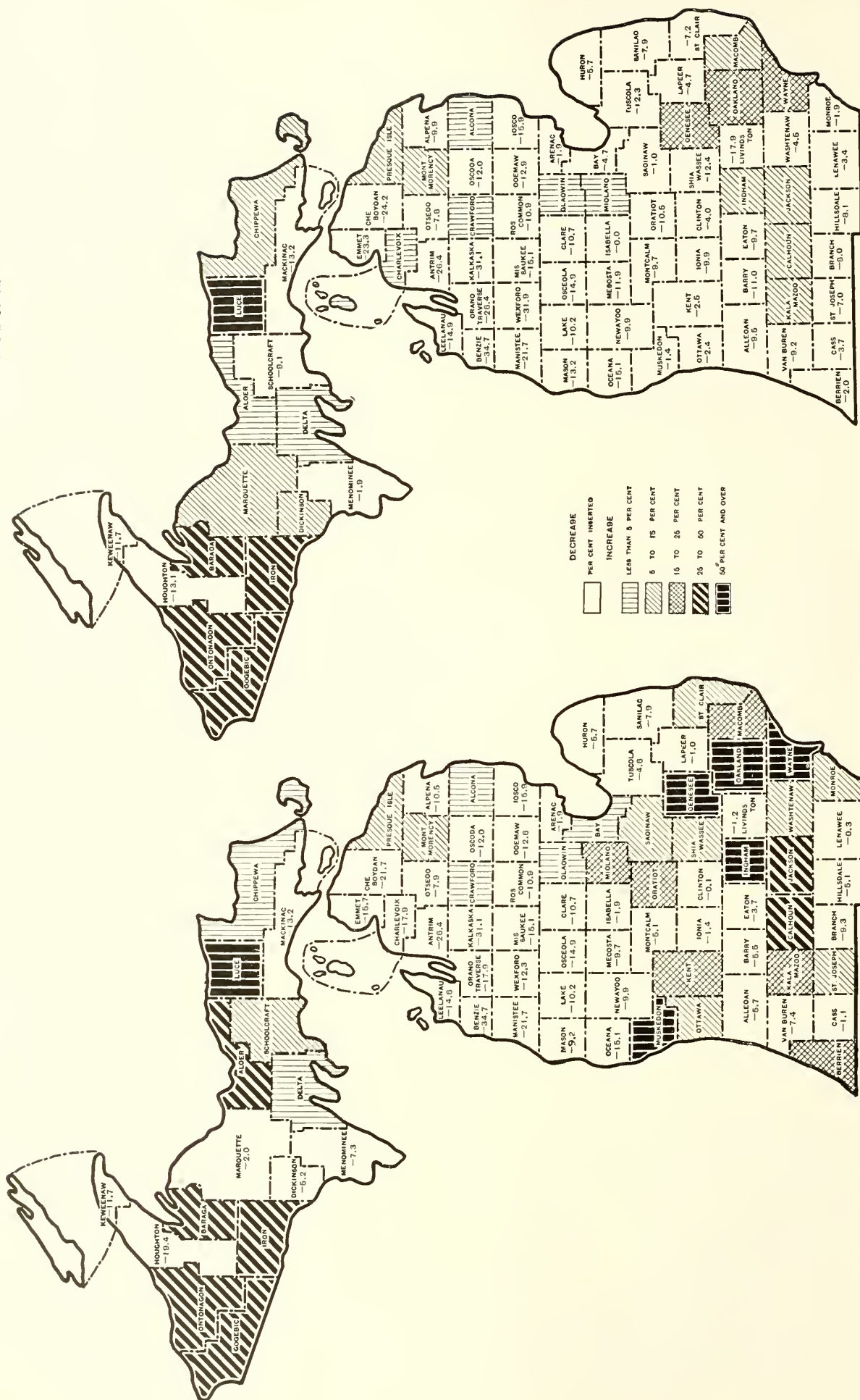


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF MICHIGAN, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

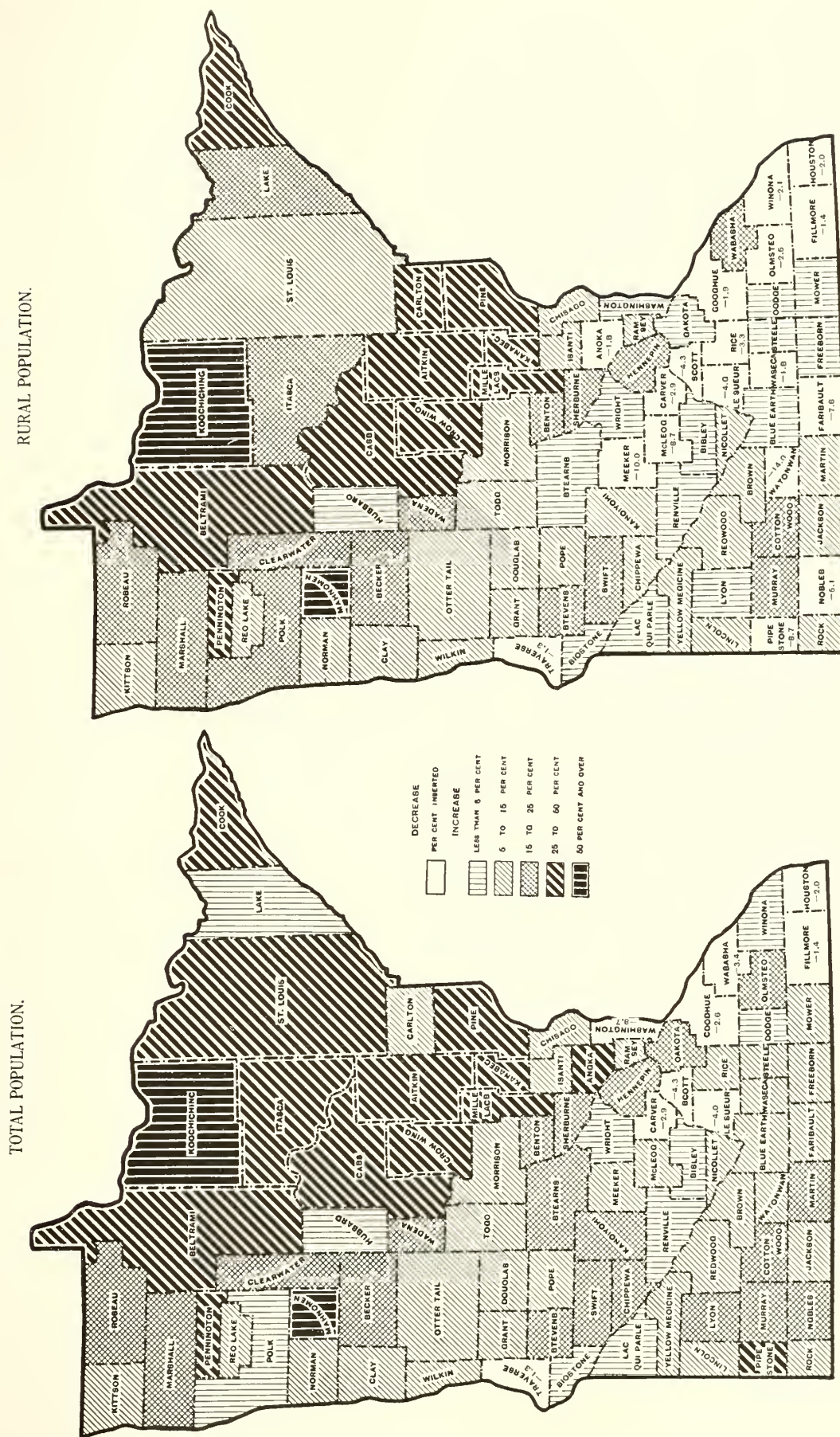
TOTAL POPULATION.

RURAL POPULATION.



PER CENT OF INCREASE OR DECREASE IN POPULATION OF MINNESOTA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



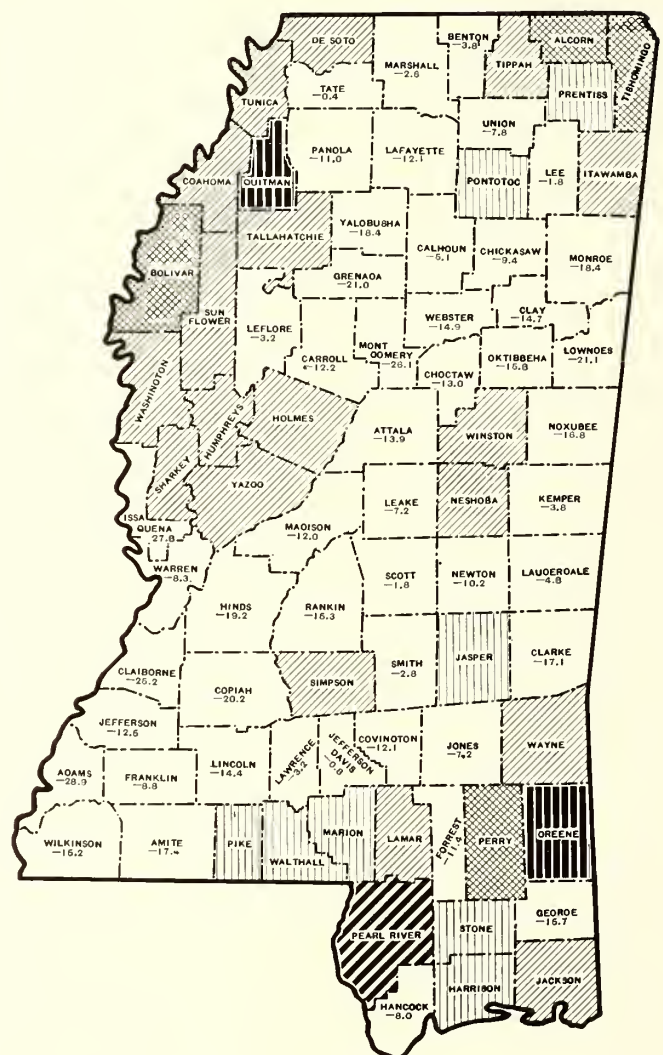
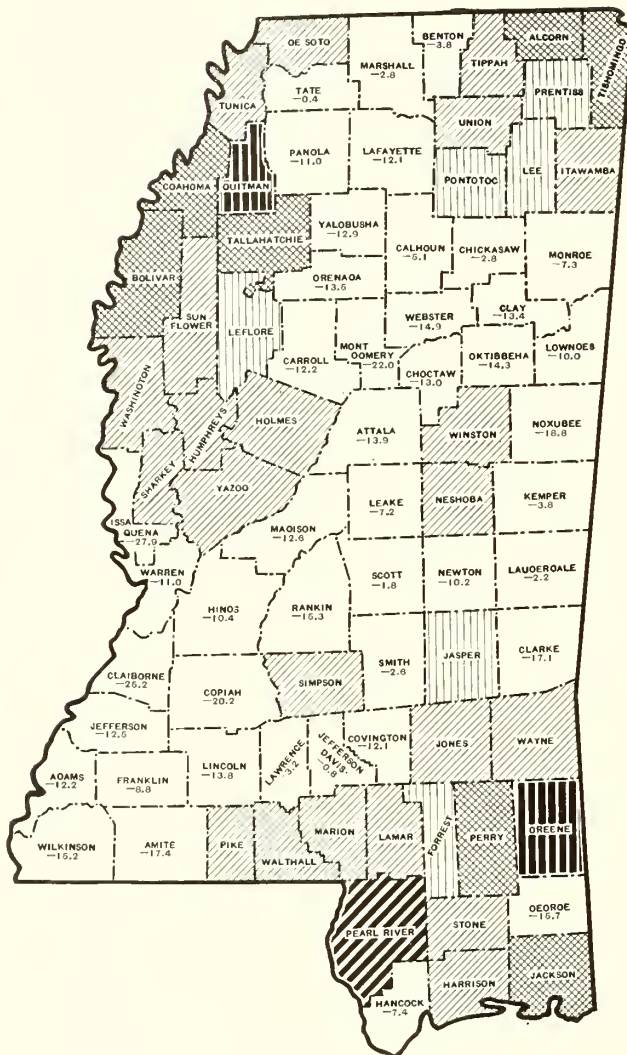


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF MISSISSIPPI, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

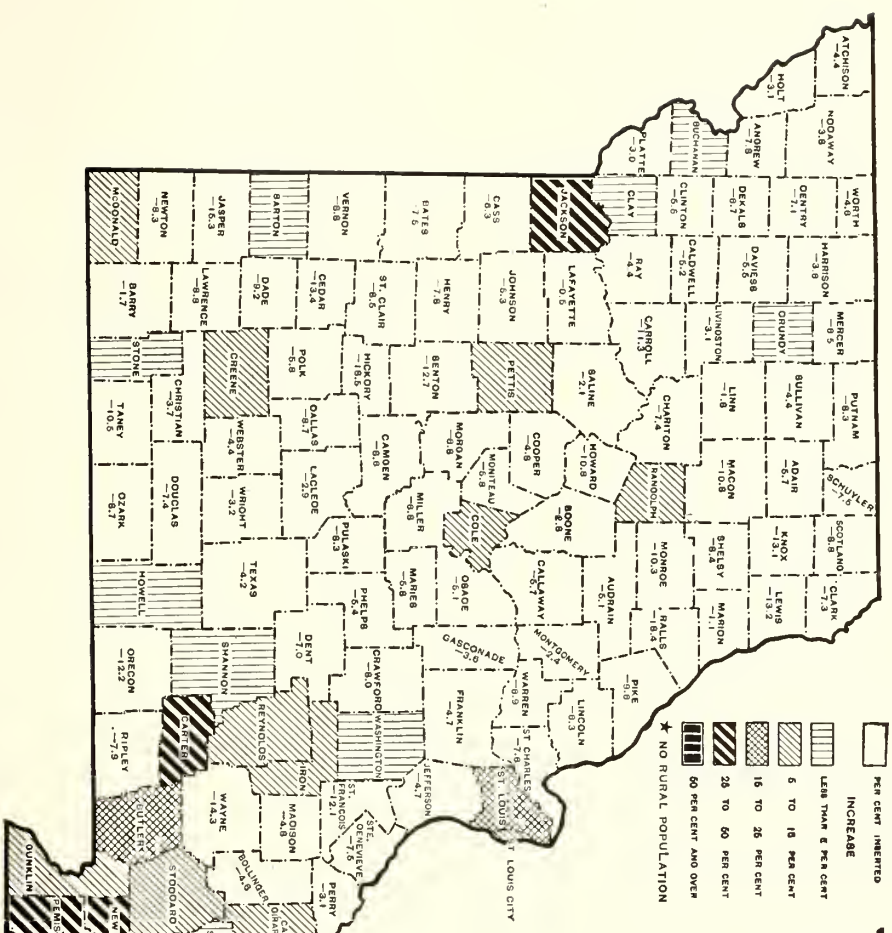
RURAL POPULATION.



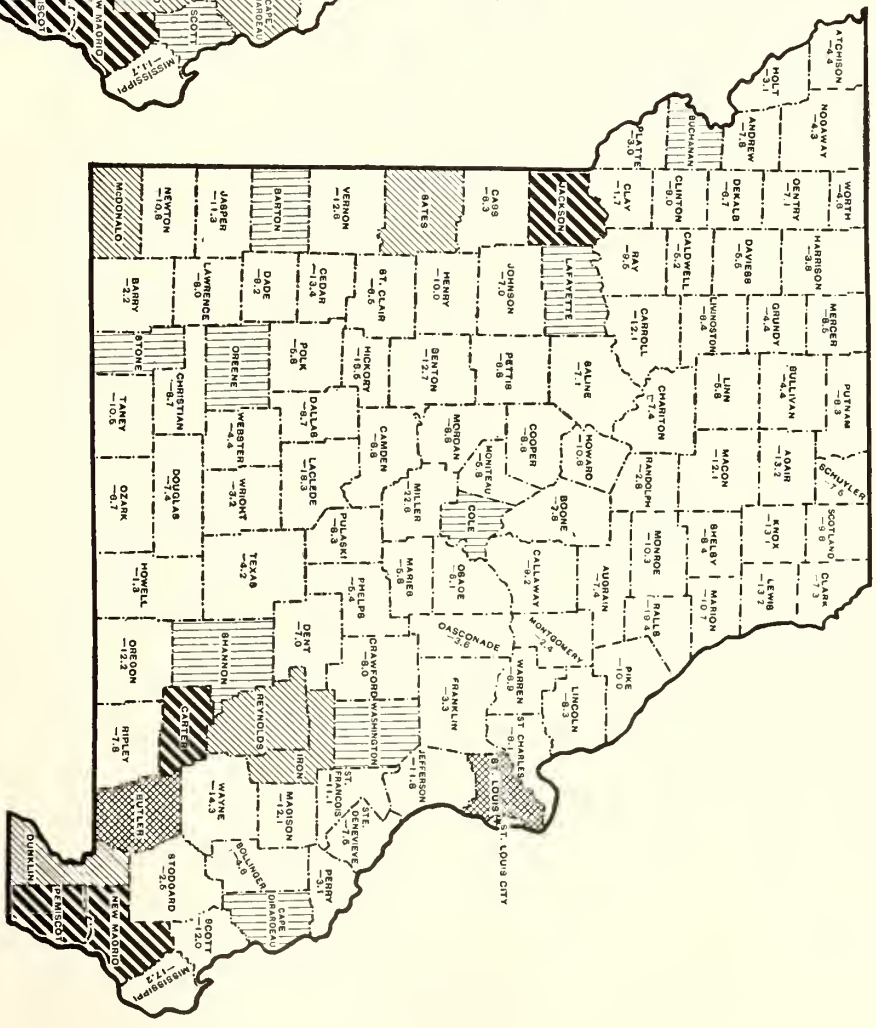
PER CENT OF INCREASE OR DECREASE IN POPULATION OF MISSOURI, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.

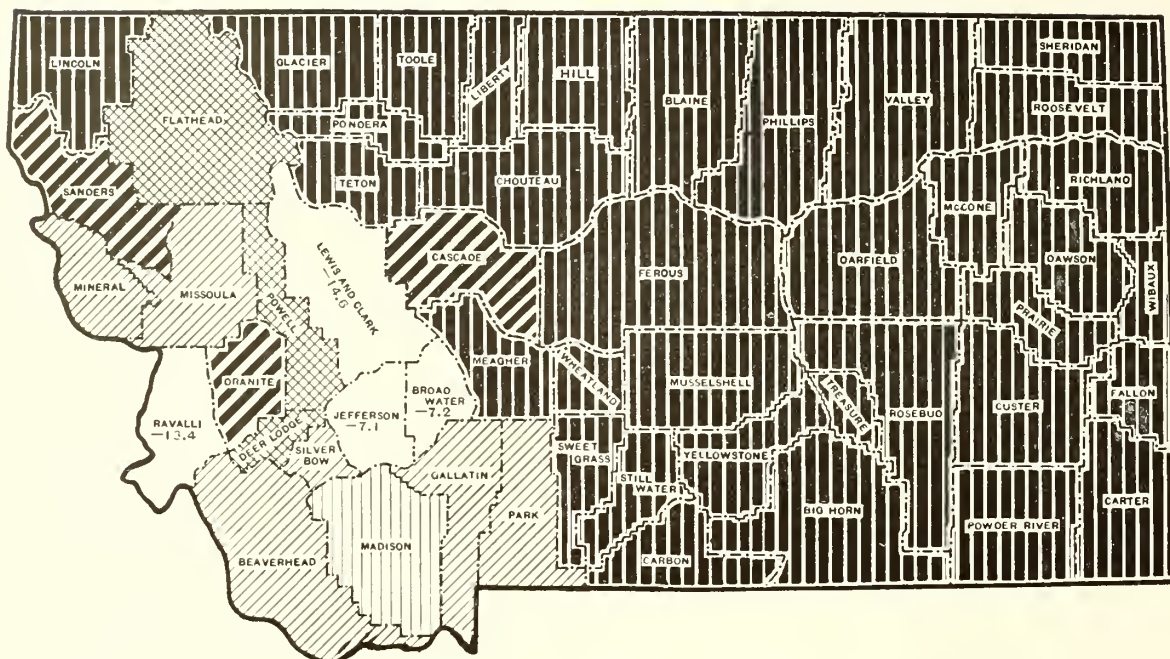




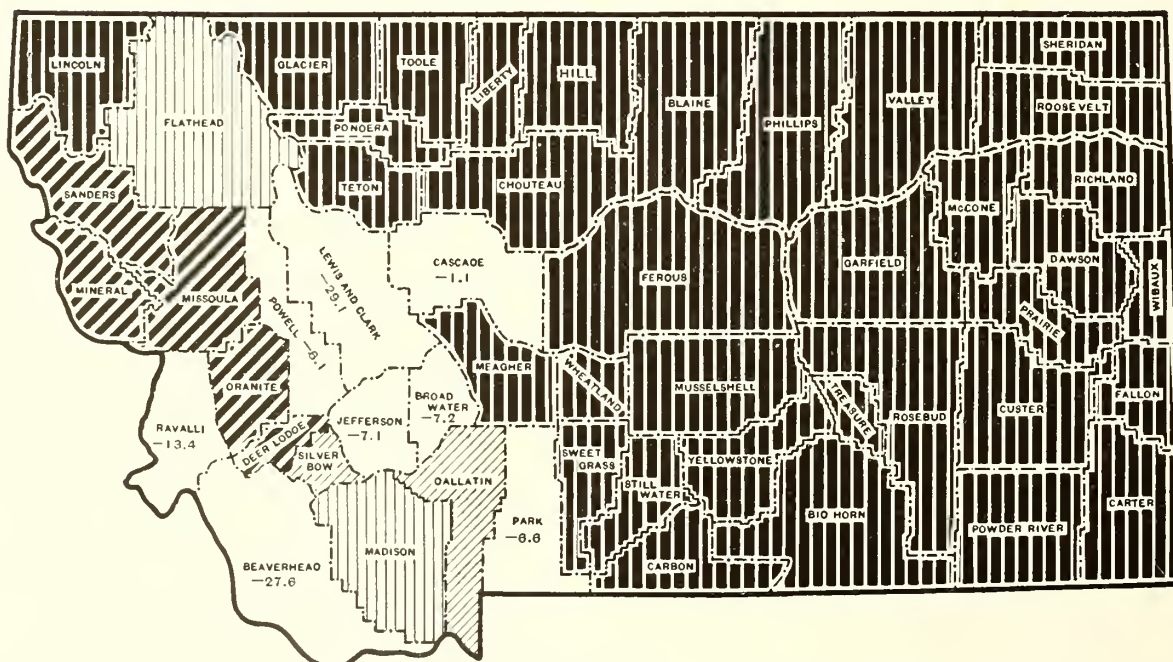
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF MONTANA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



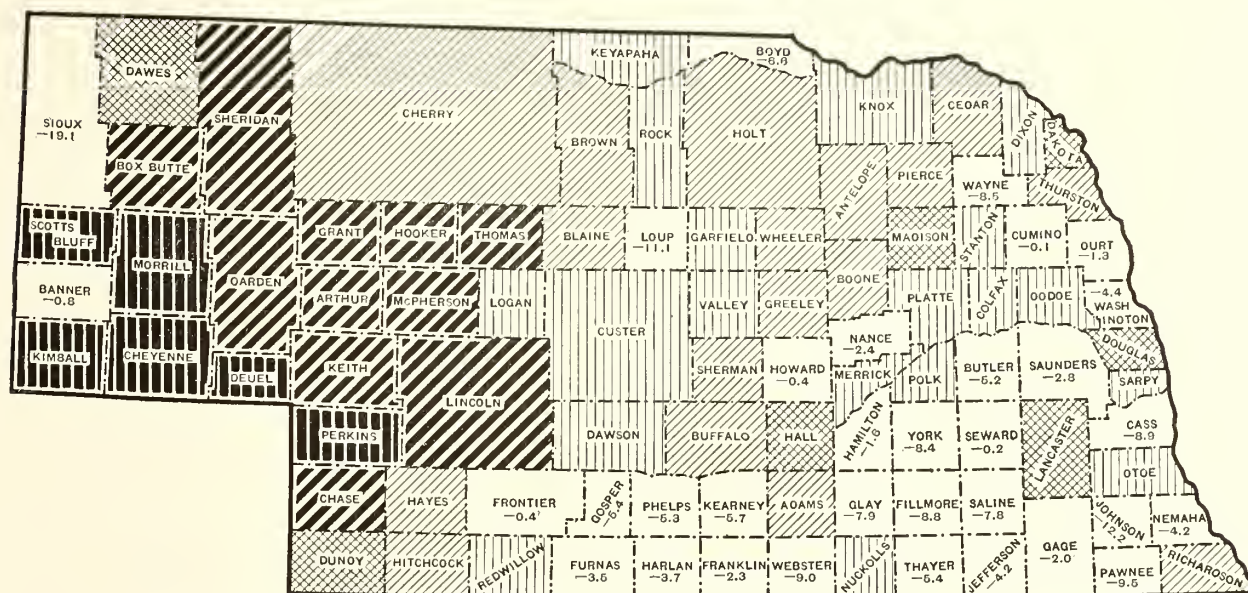
## RURAL POPULATION



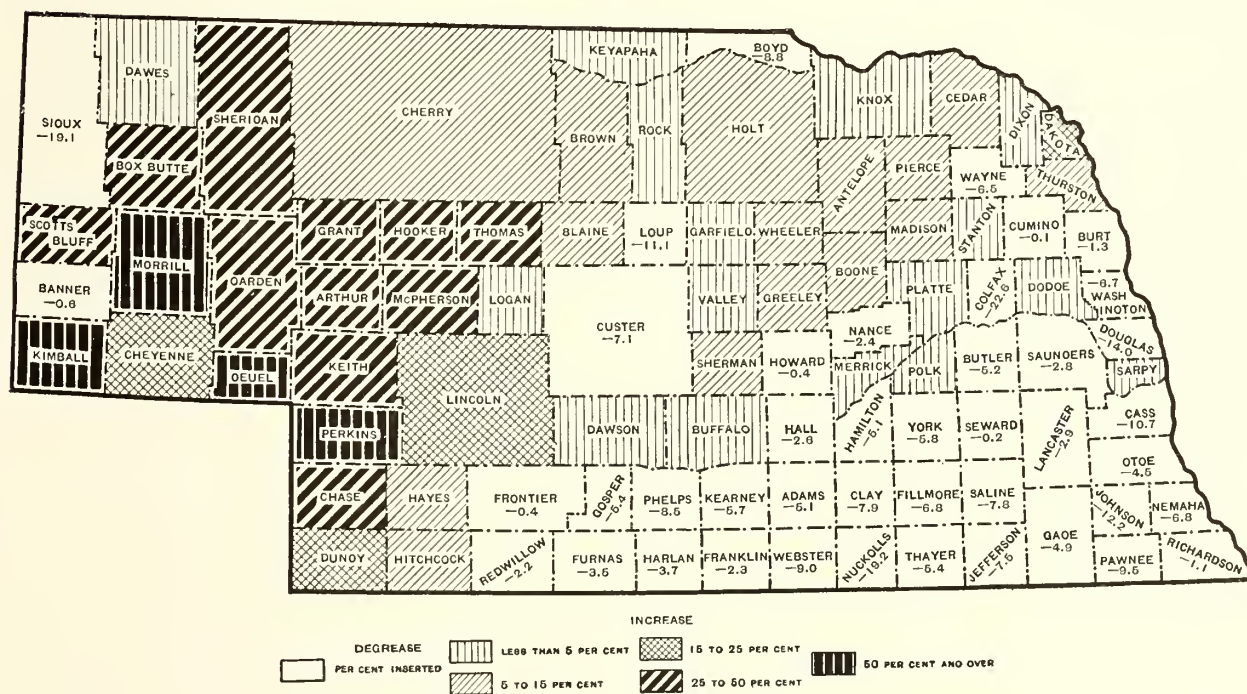
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF NEBRASKA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



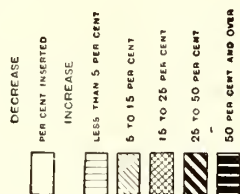
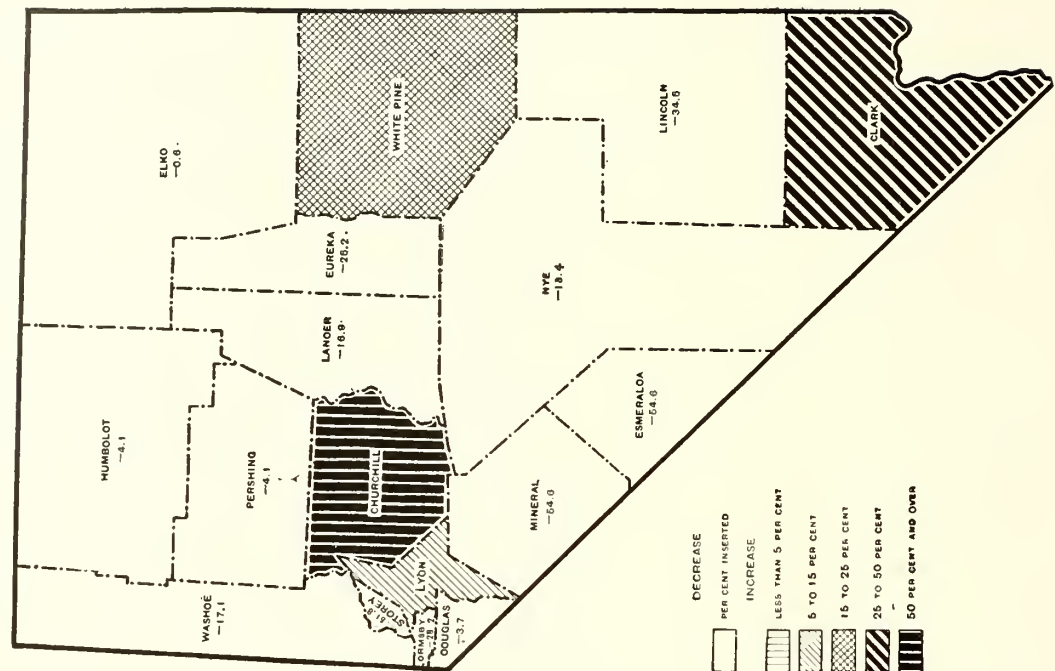
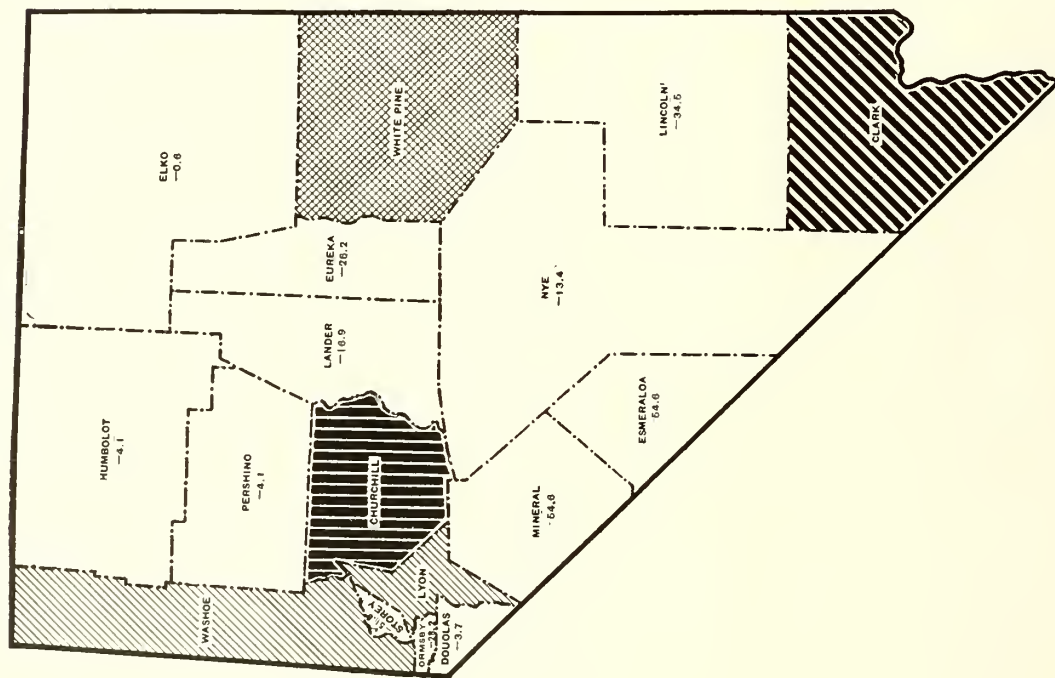


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF NEVADA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

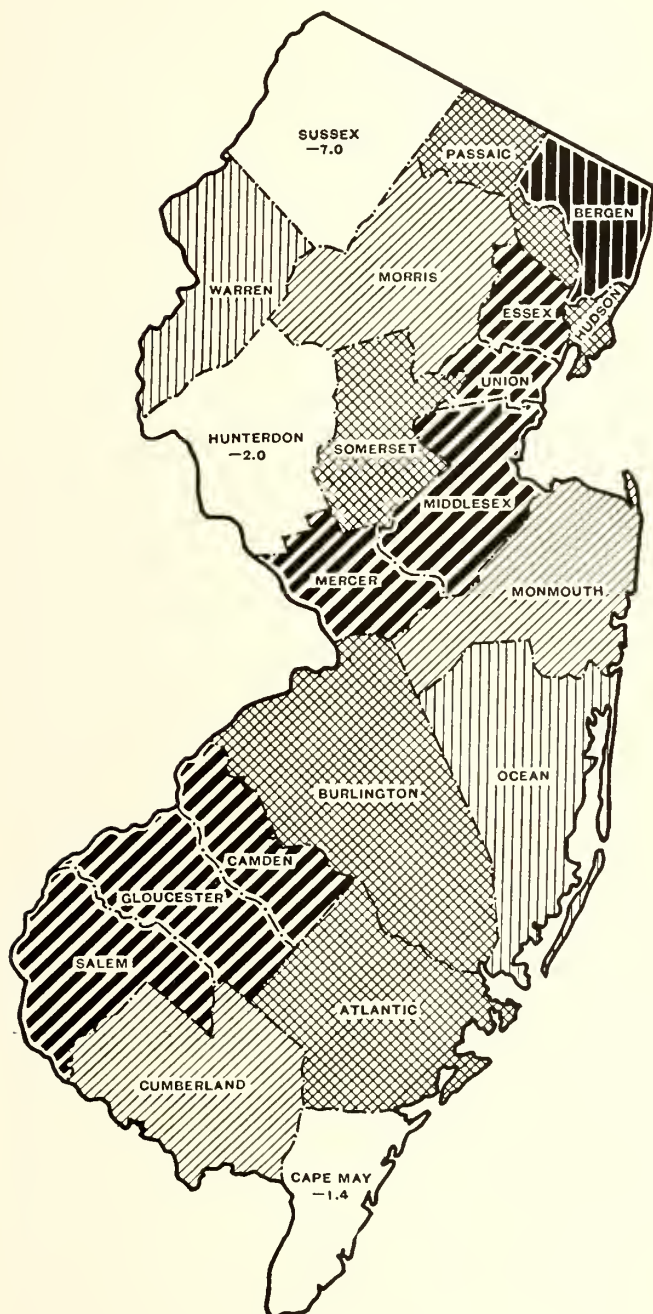
## RURAL POPULATION.



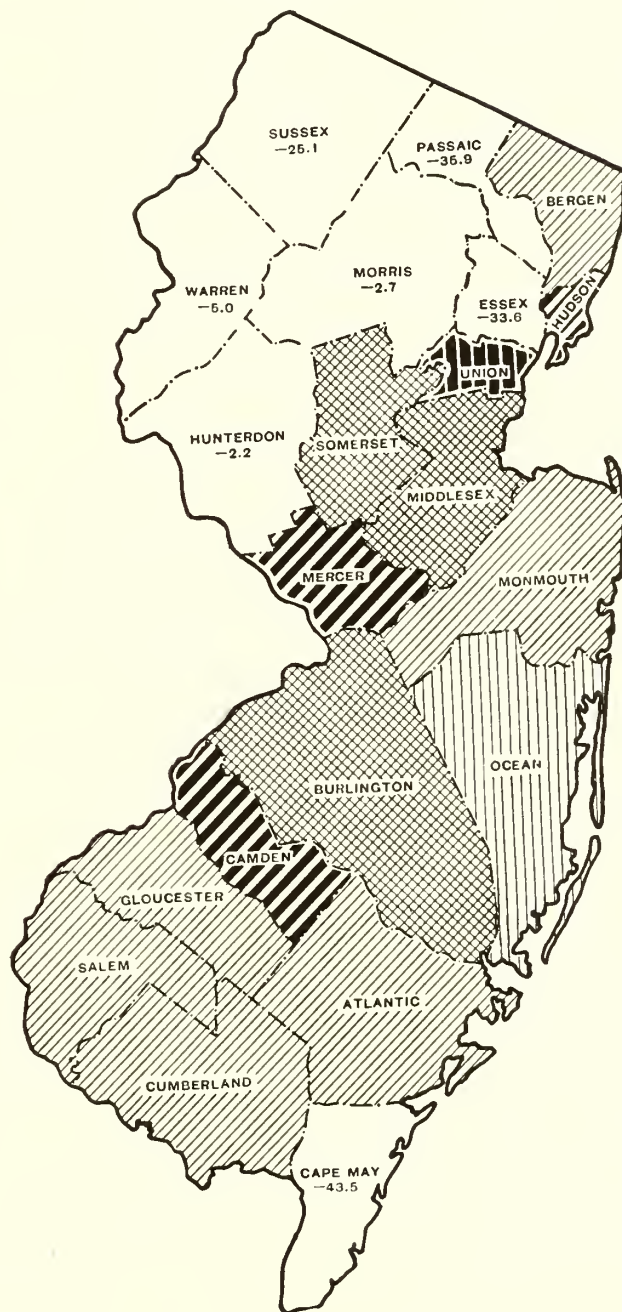
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF NEW JERSEY, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



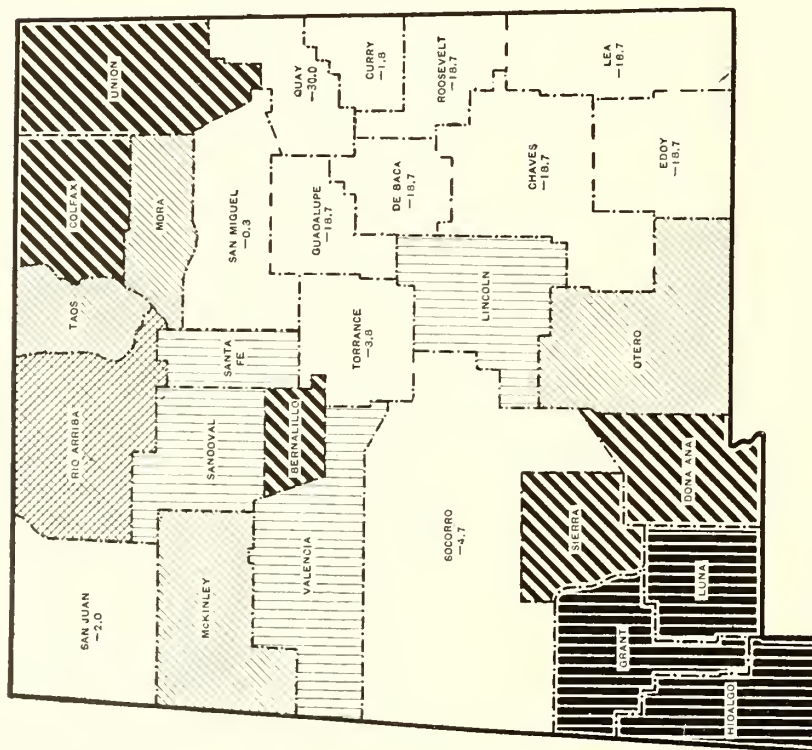


# PER CENT OF INCREASE OR DECREASE IN POPULATION OF NEW MEXICO, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

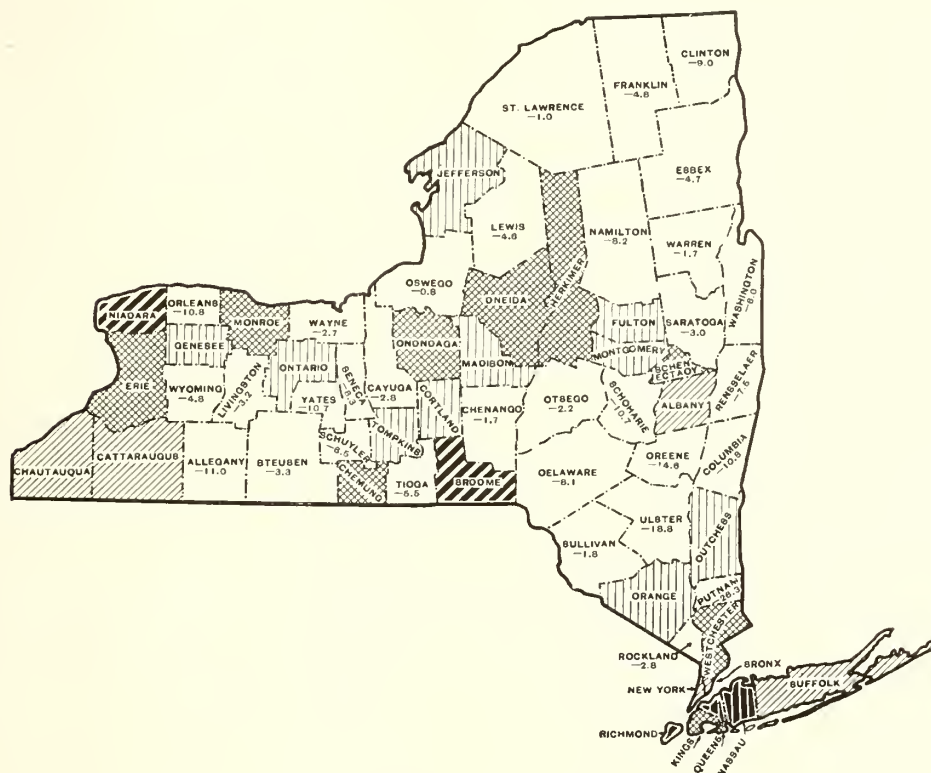
## RURAL POPULATION.



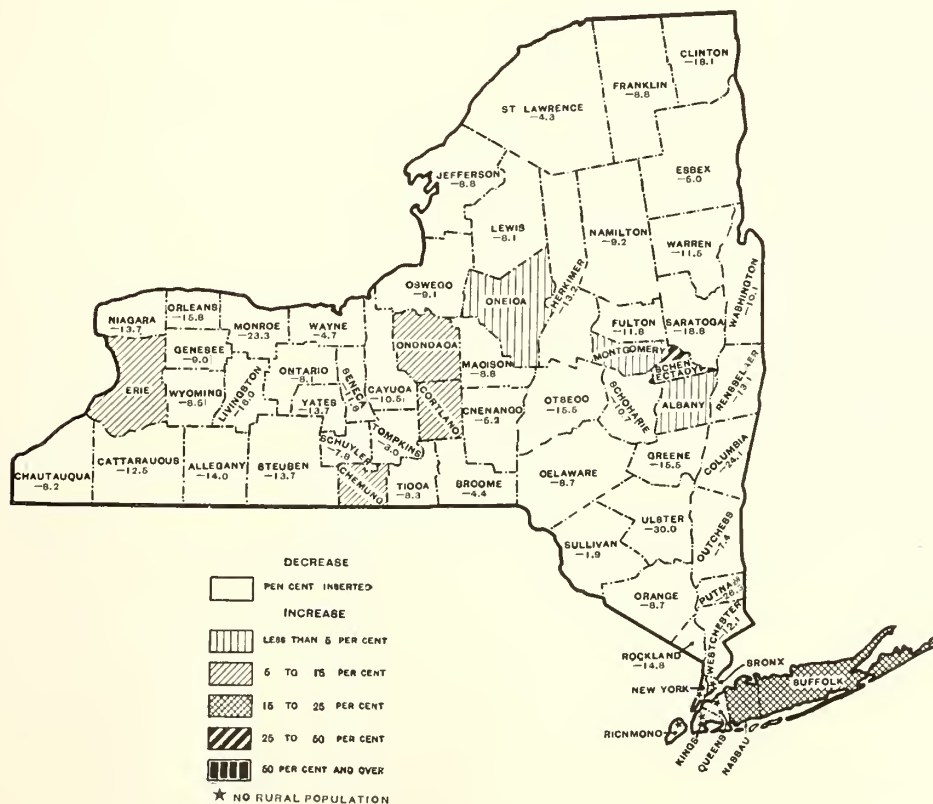
PER CENT OF INCREASE OR DECREASE IN POPULATION OF NEW YORK, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

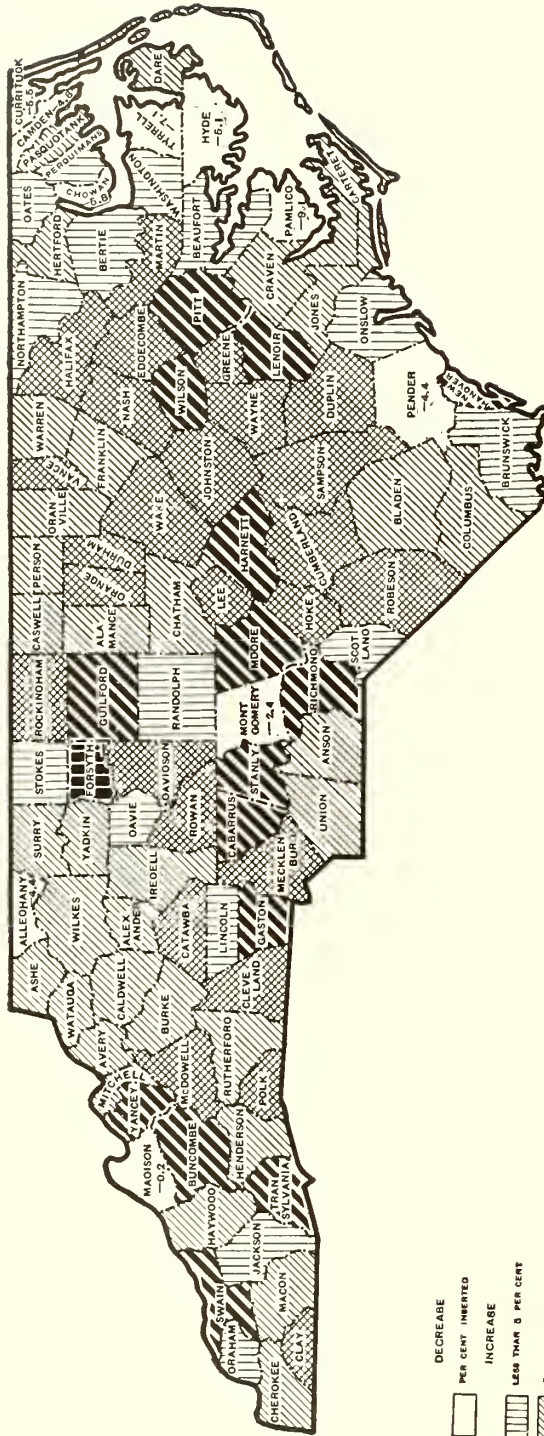




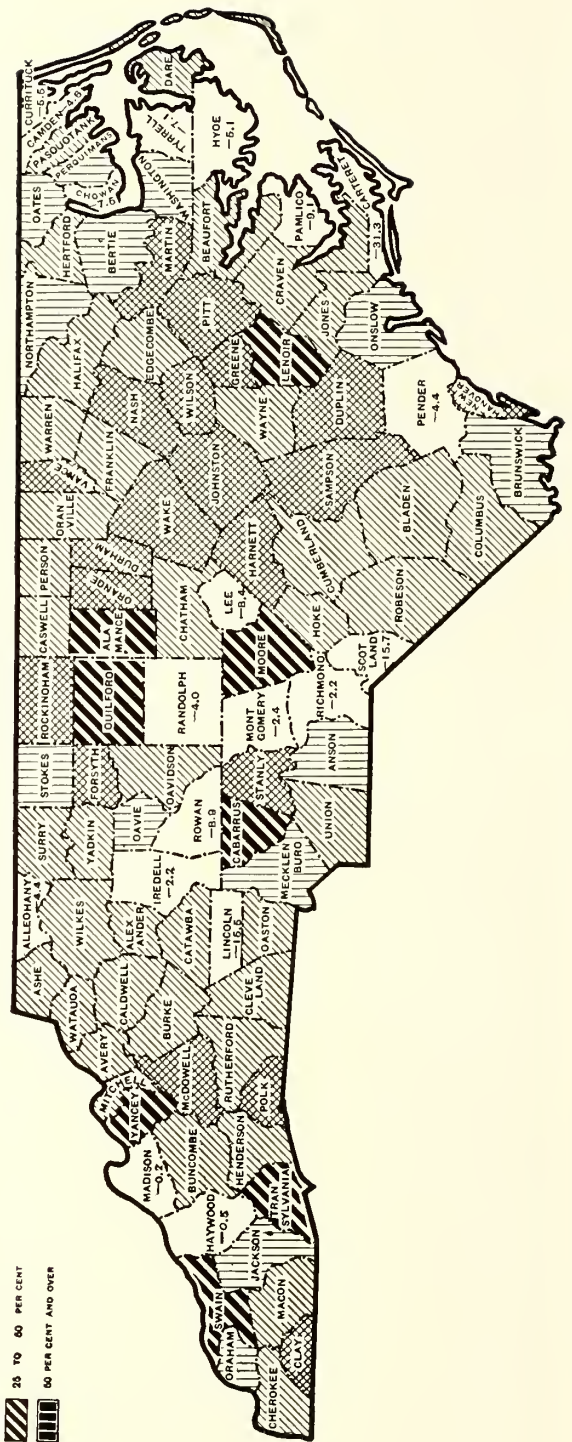
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF NORTH CAROLINA, BY COUNTIES, 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

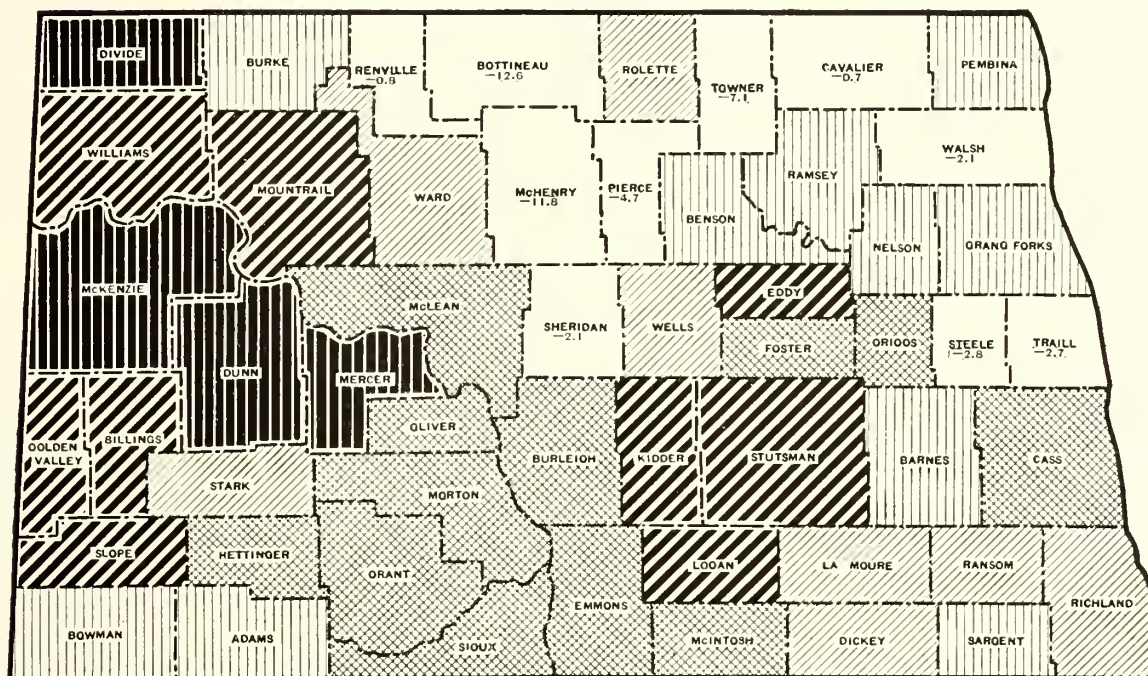




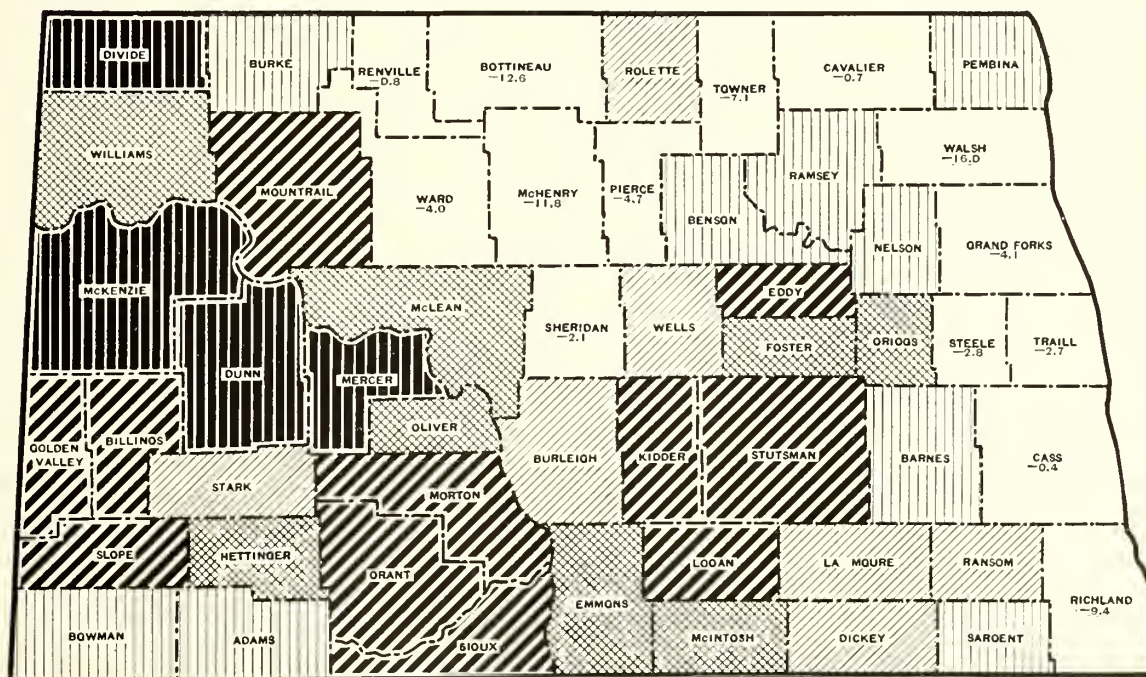
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF NORTH DAKOTA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



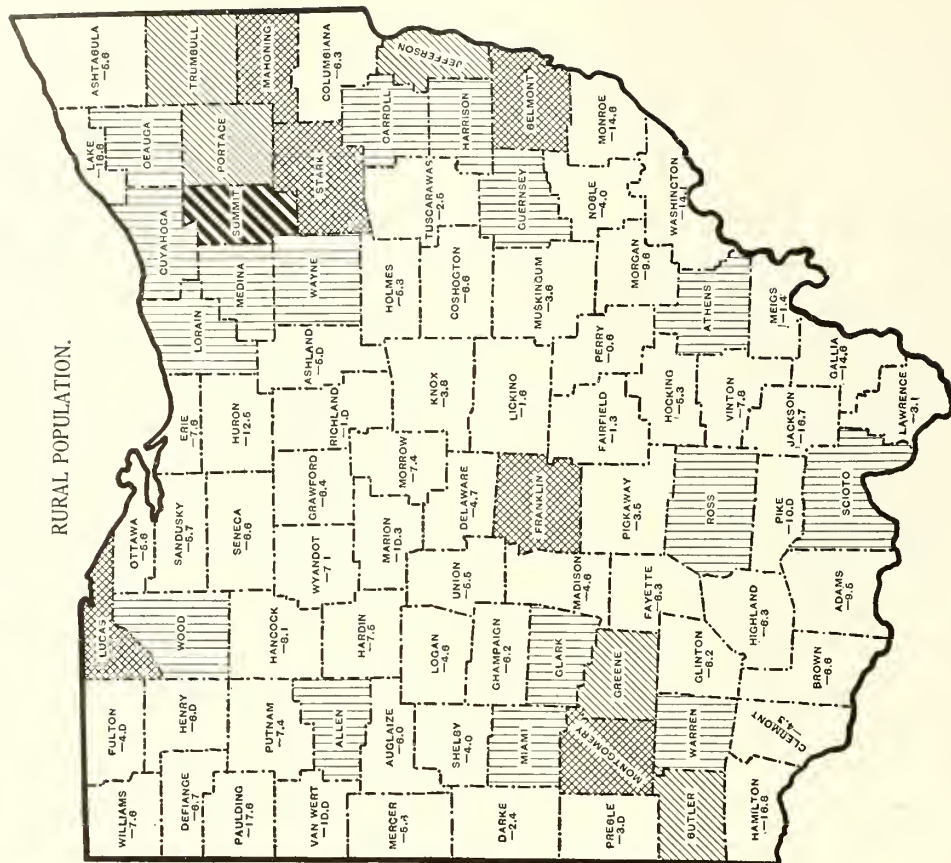
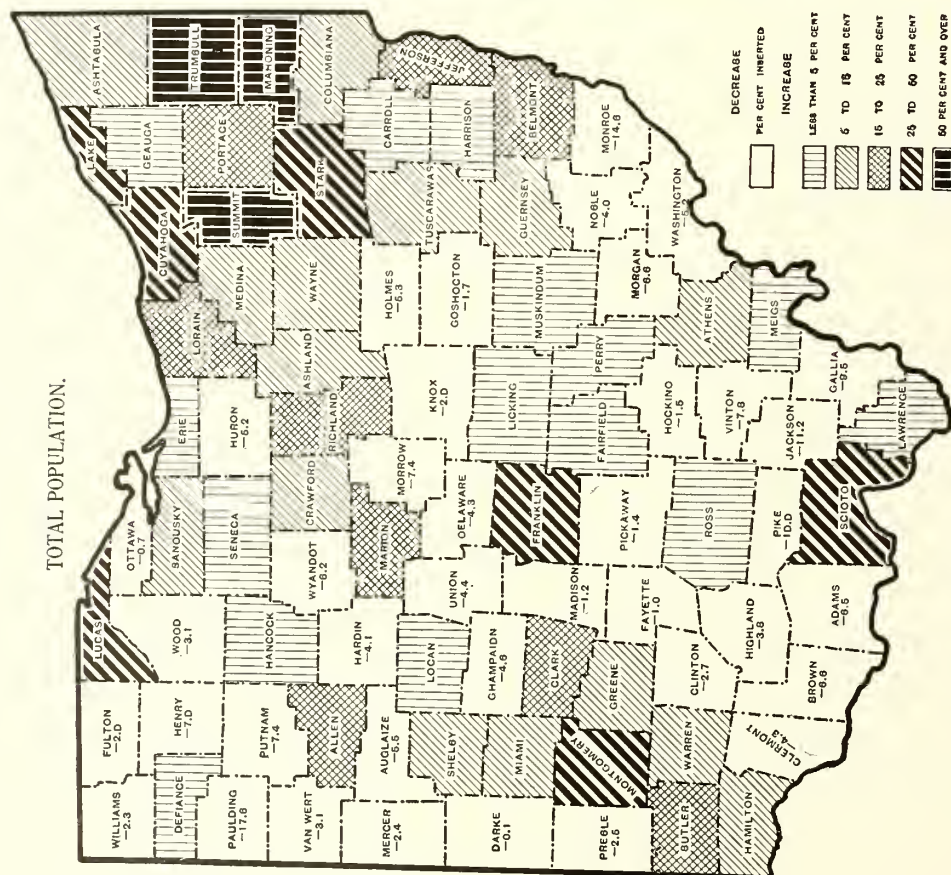
## RURAL POPULATION.





# PER CENT OF INCREASE OR DECREASE IN POPULATION OF OHIO, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



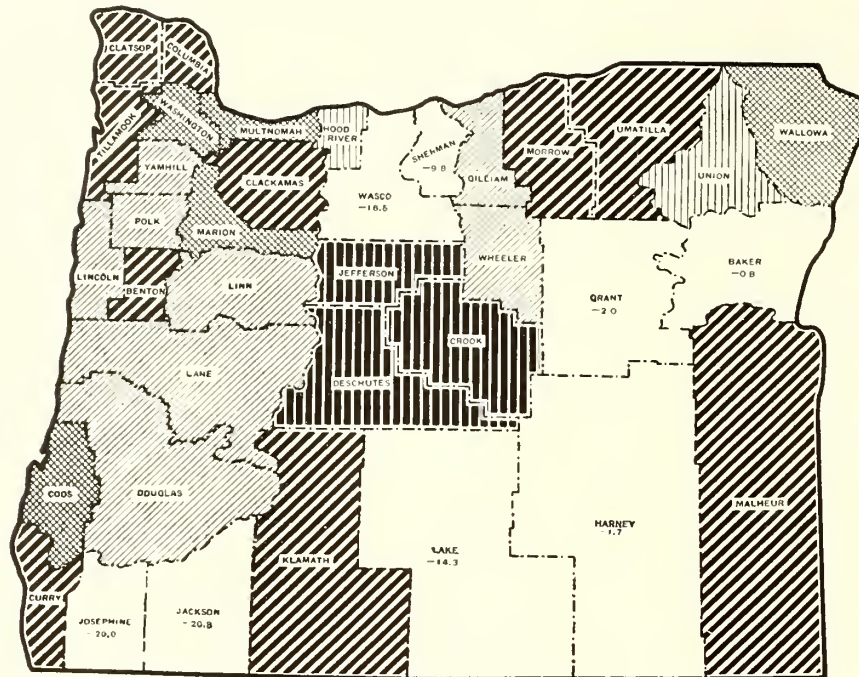




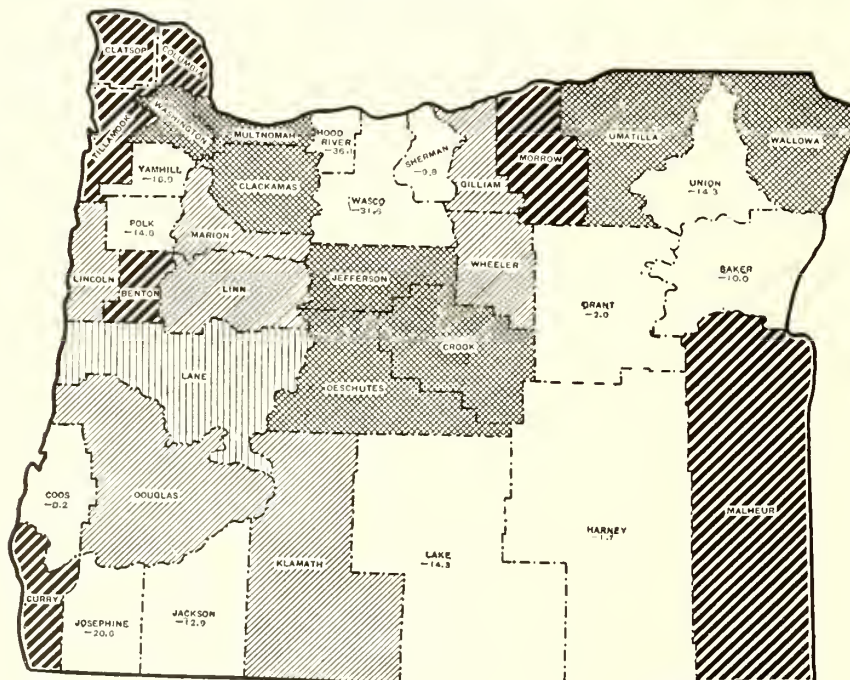
PER CENT OF INCREASE OR DECREASE IN POPULATION OF OREGON, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



DECREASE INCREASE

PER CENT INSERTED

LESS THAN 5 PER CENT 15 TO 25 PER CENT

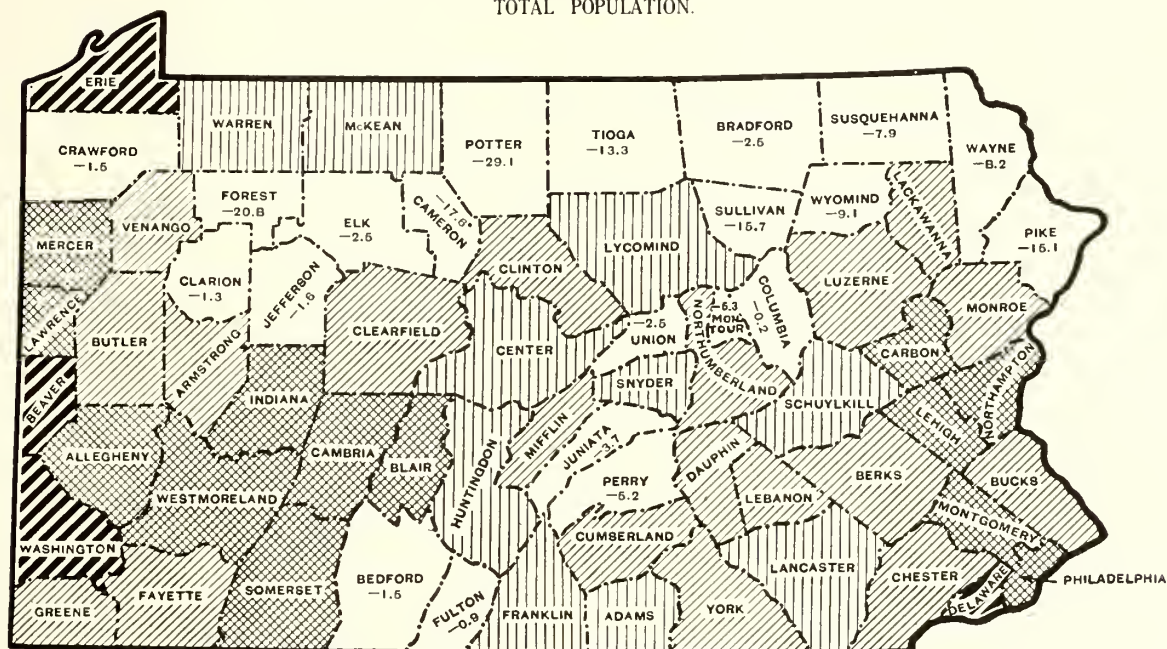
5 TO 15 PER CENT 25 TO 50 PER CENT

50 PER CENT AND OVER

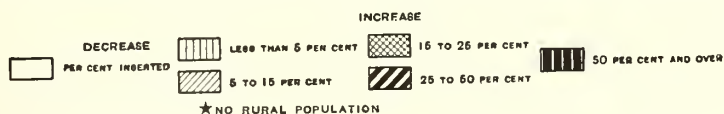
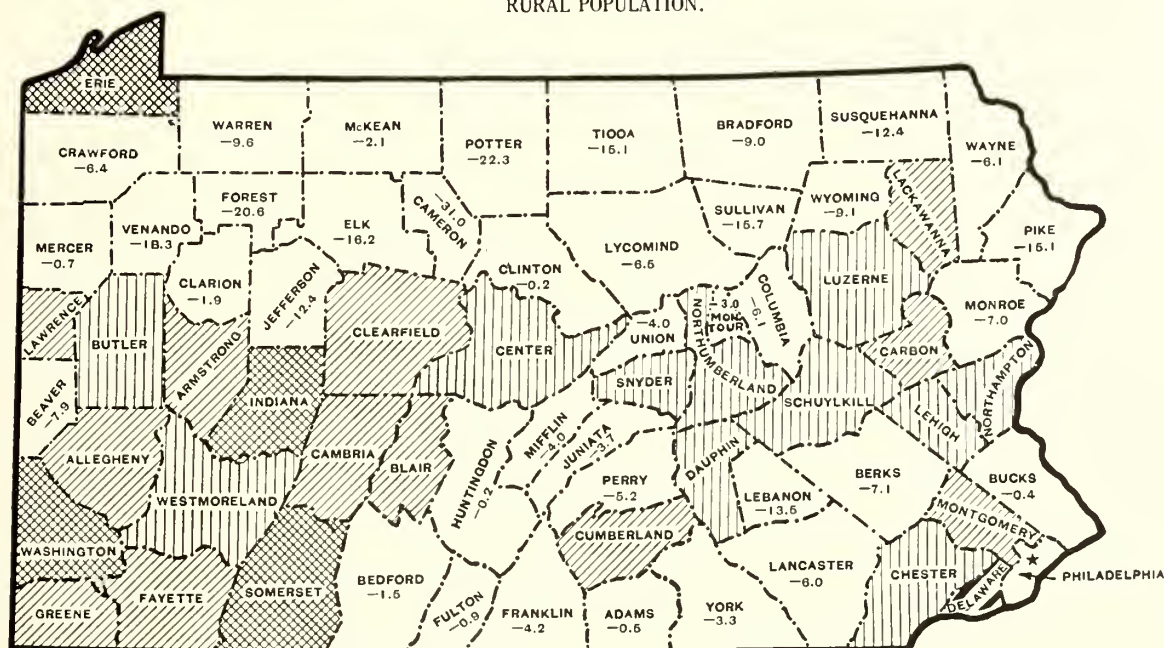
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF PENNSYLVANIA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

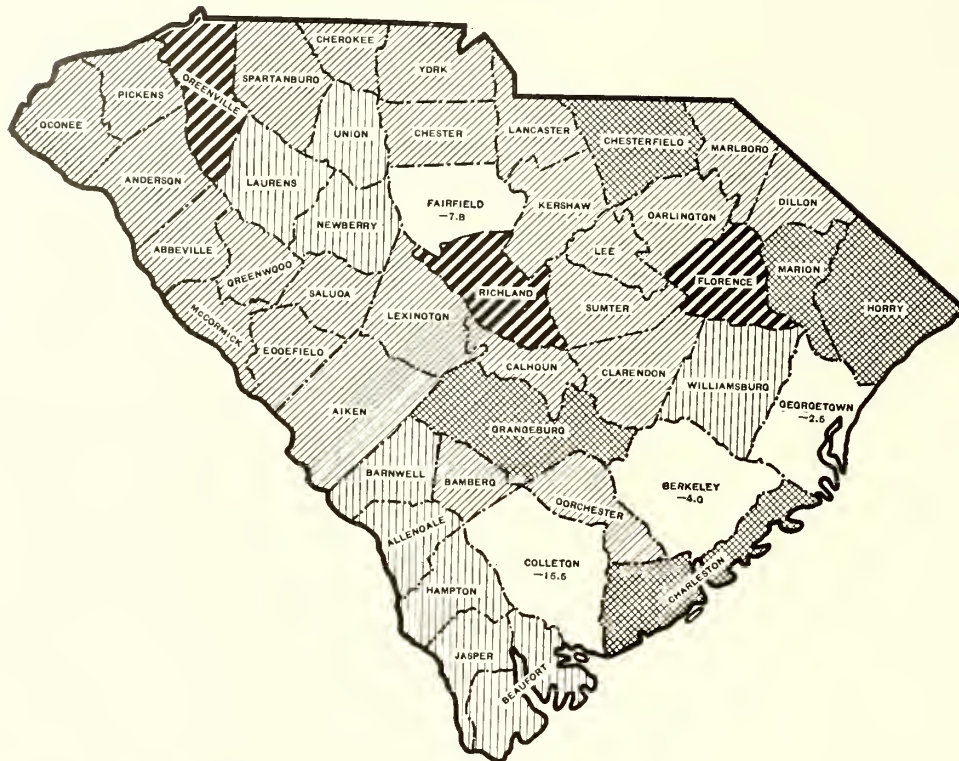




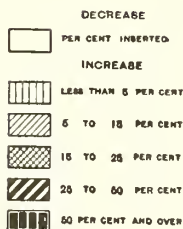
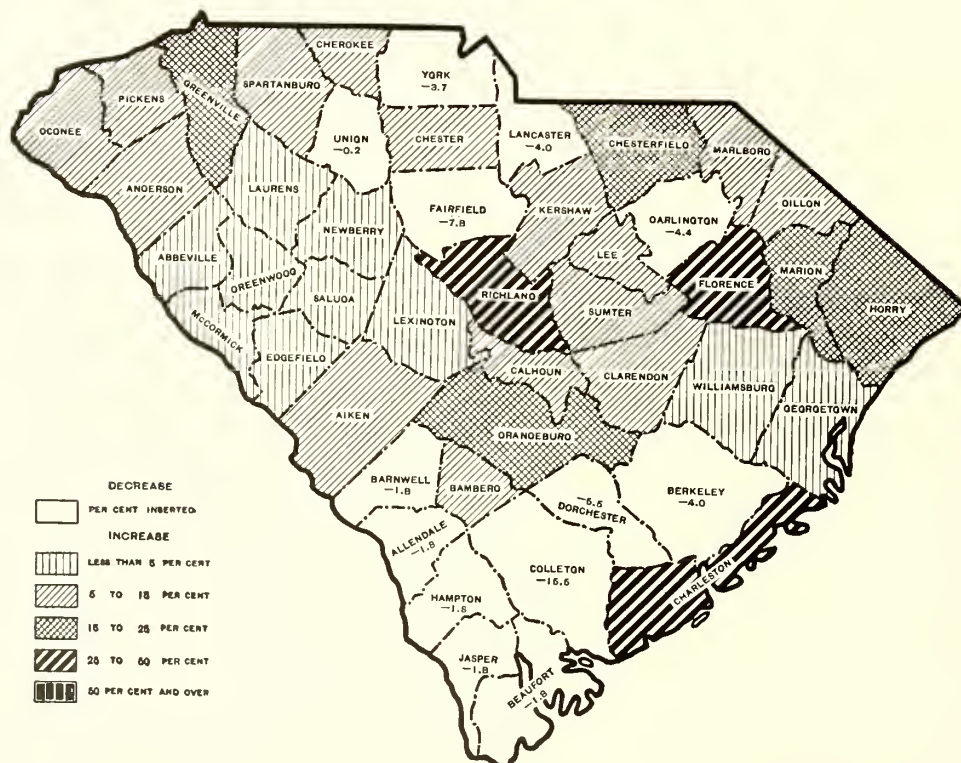
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF SOUTH CAROLINA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



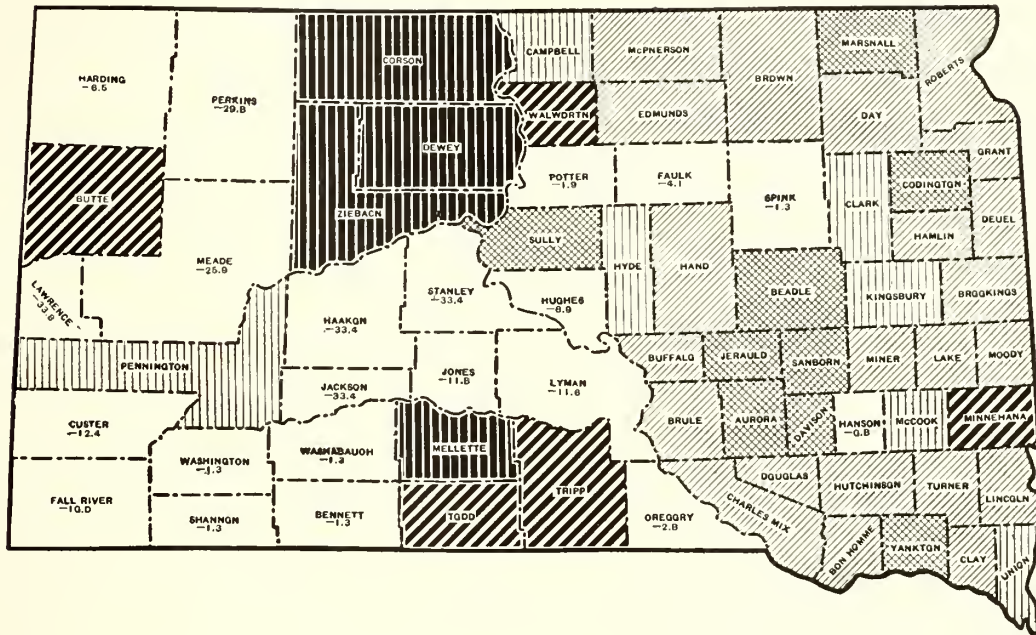
## RURAL POPULATION.



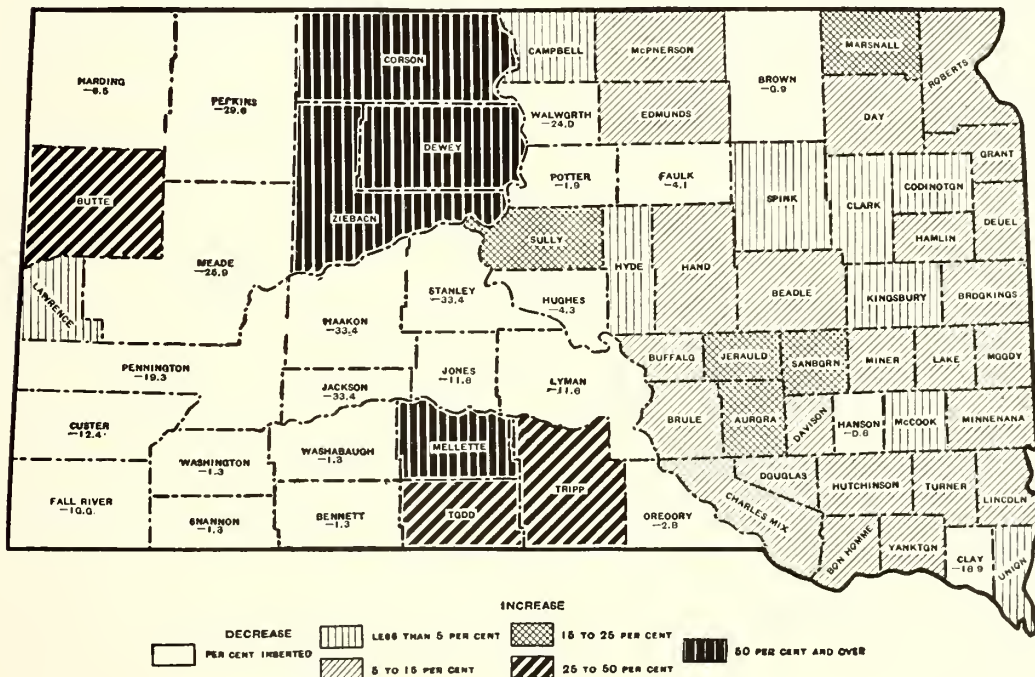
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF SOUTH DAKOTA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



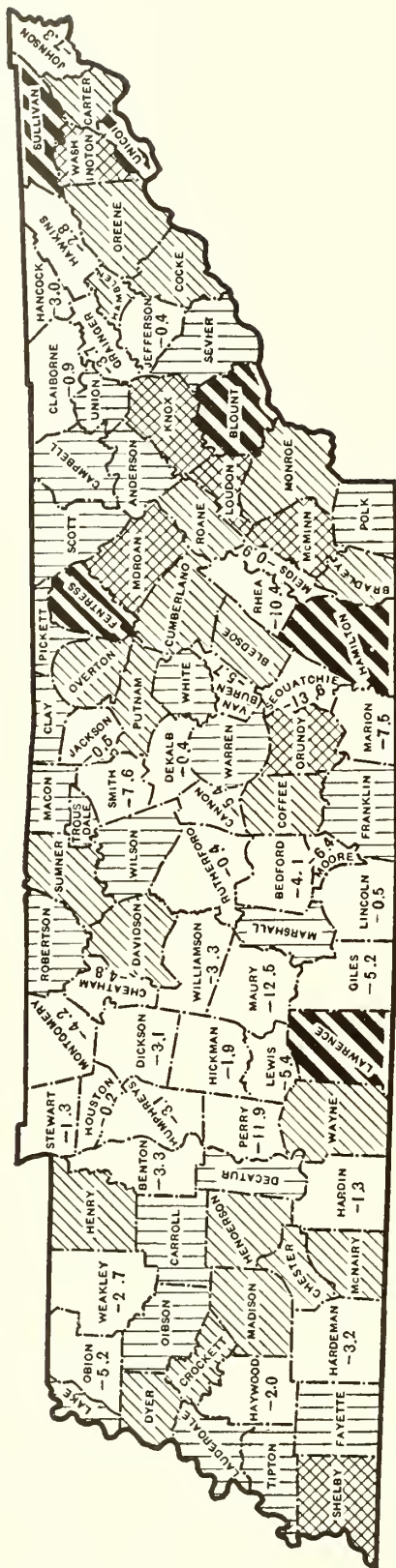
## RURAL POPULATION.



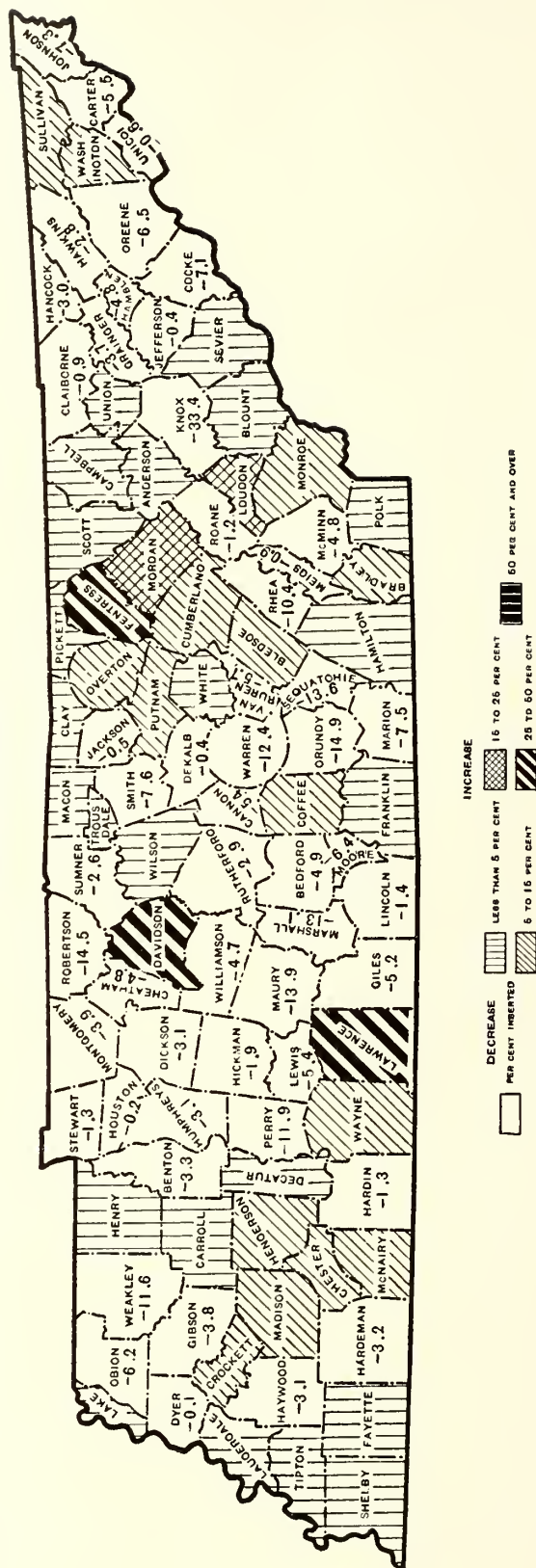


TOTAL POPULATION.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

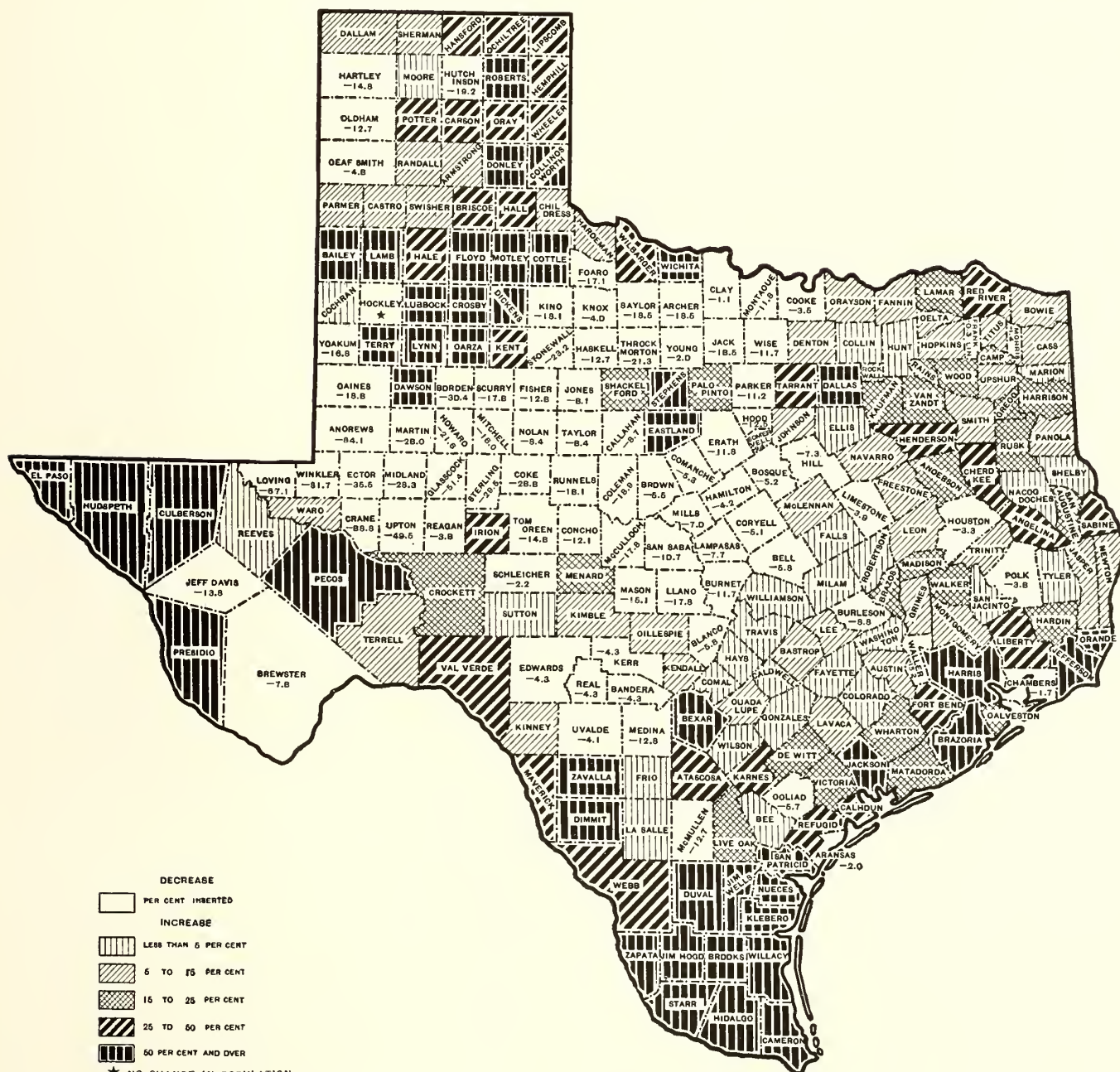


### RURAL POPULATION.



PER CENT OF INCREASE OR DECREASE IN POPULATION OF TEXAS, BY COUNTIES: 1910-1920.

TOTAL POPULATION.

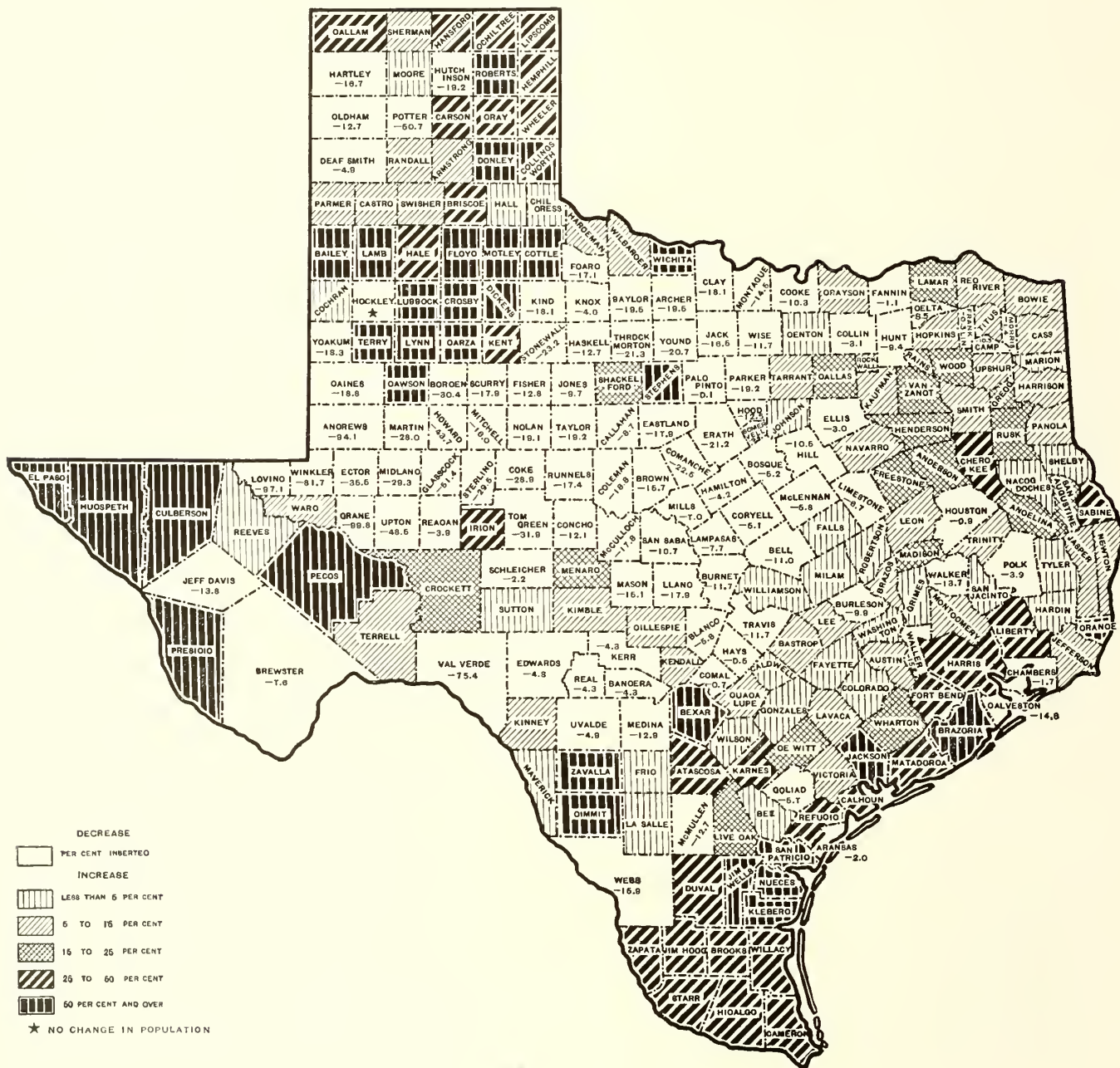




PER CENT OF INCREASE OR DECREASE IN POPULATION OF TEXAS, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## RURAL POPULATION.



Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

RURAL POPULATION.

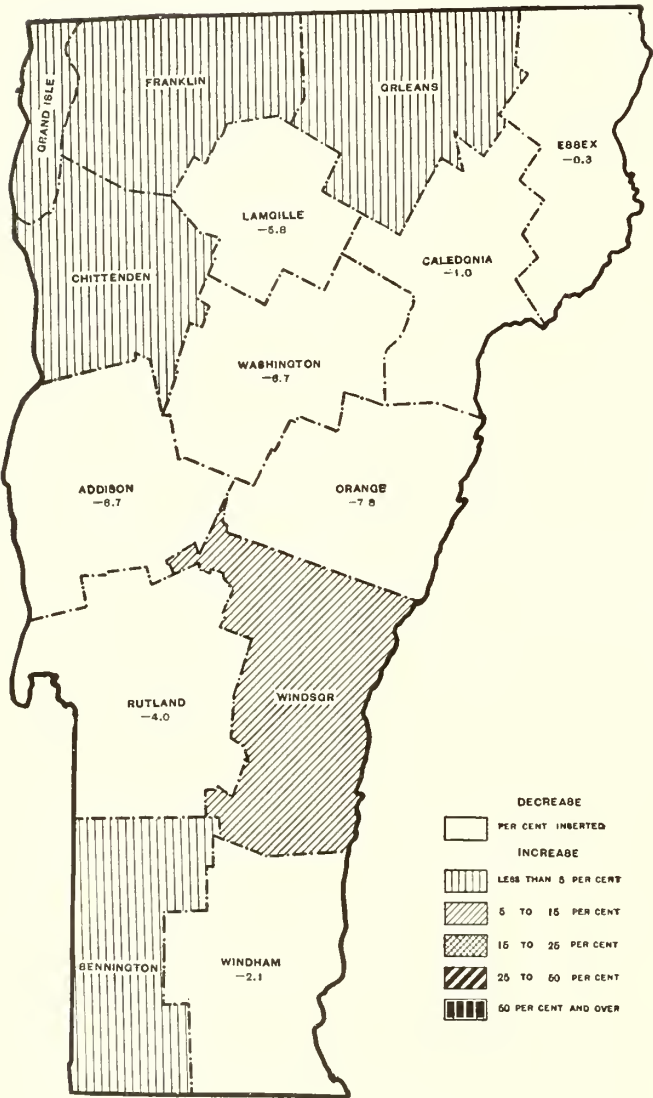




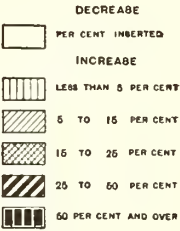
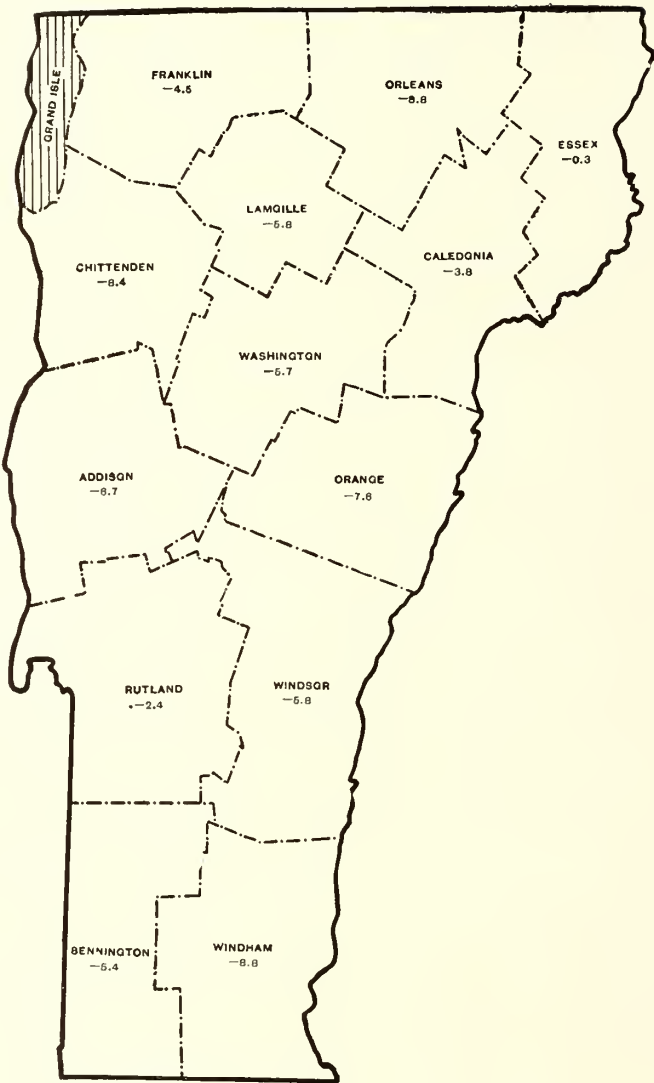
PER CENT OF INCREASE OR DECREASE IN POPULATION OF VERMONT, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



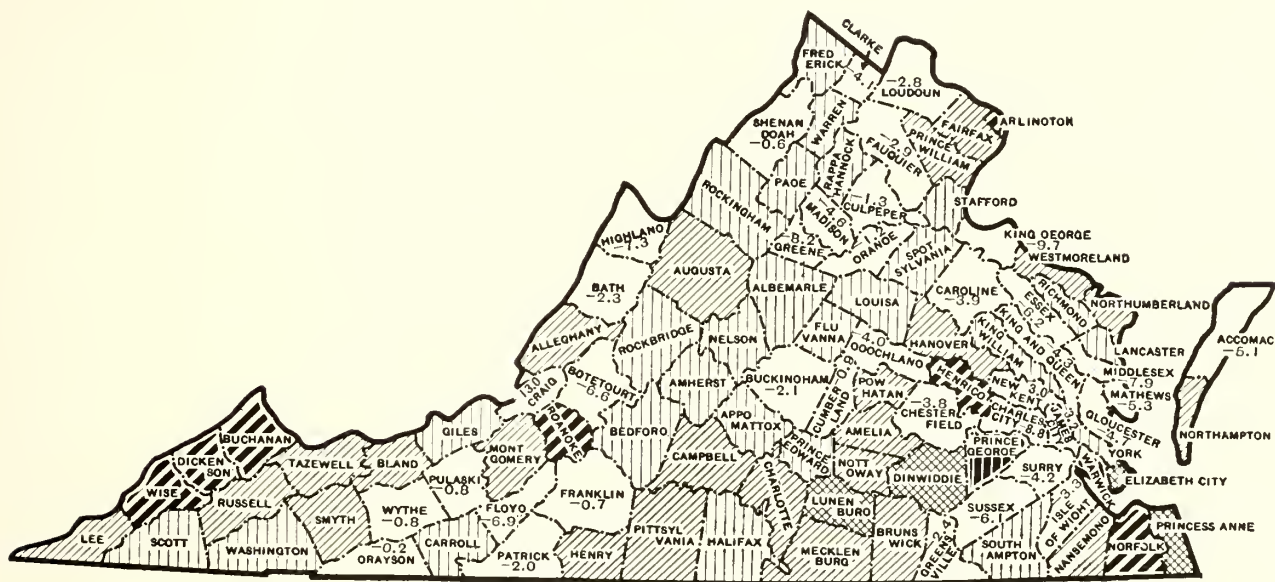
RURAL POPULATION.



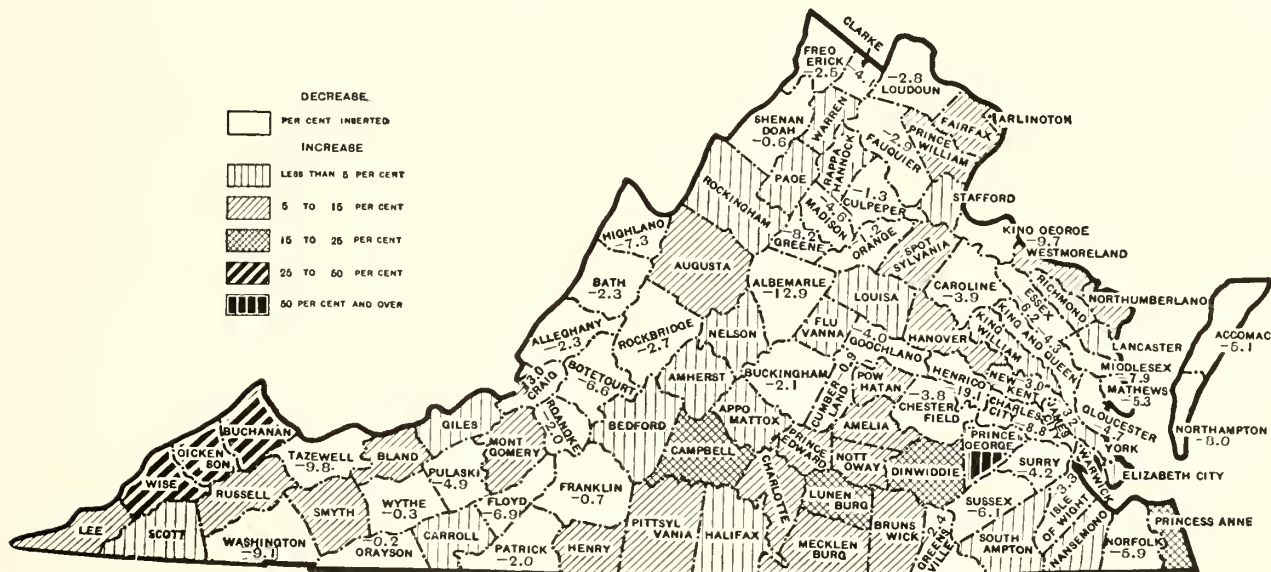
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF VIRGINIA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

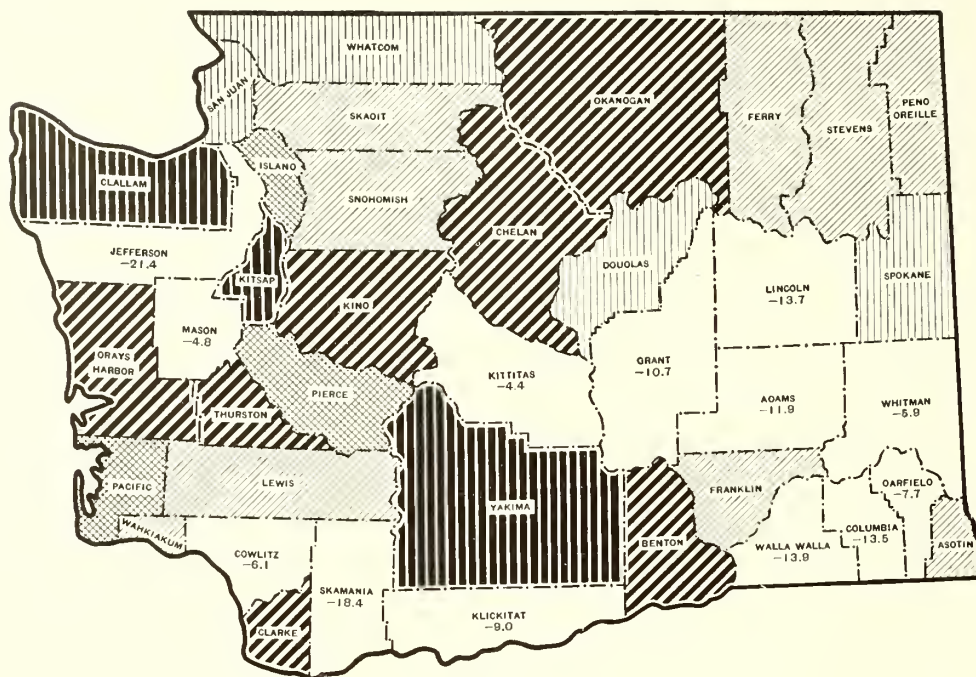




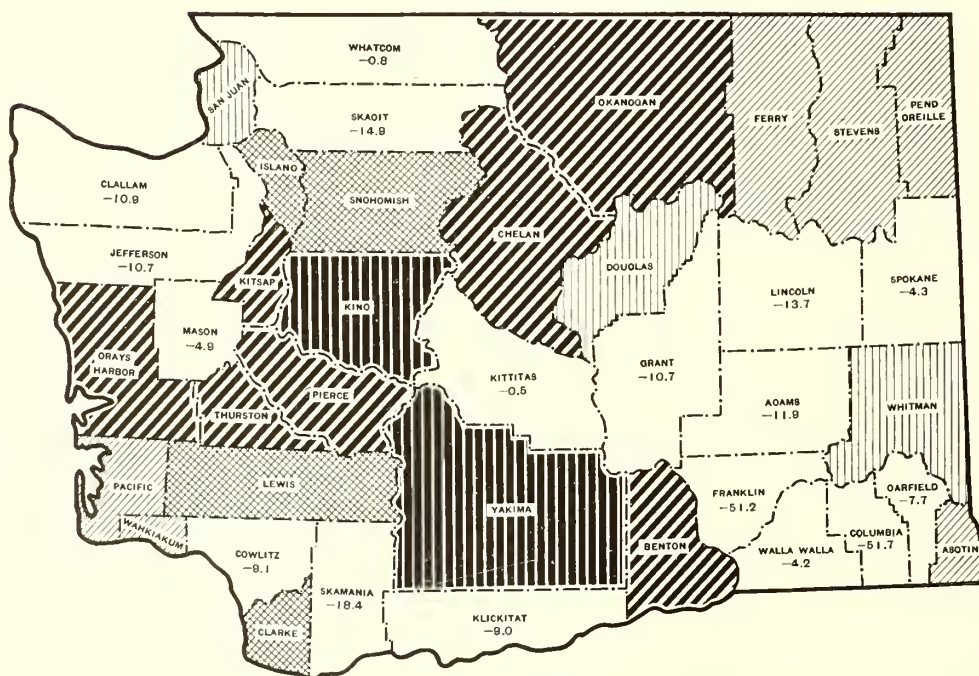
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF WASHINGTON, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



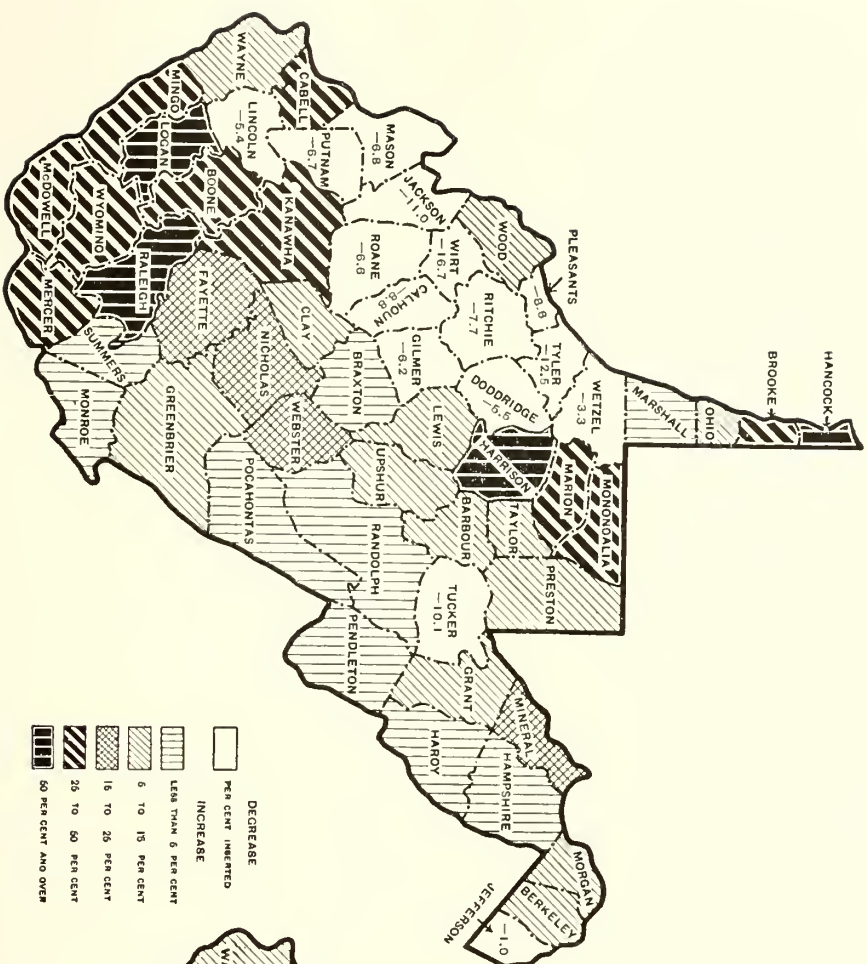
## RURAL POPULATION.



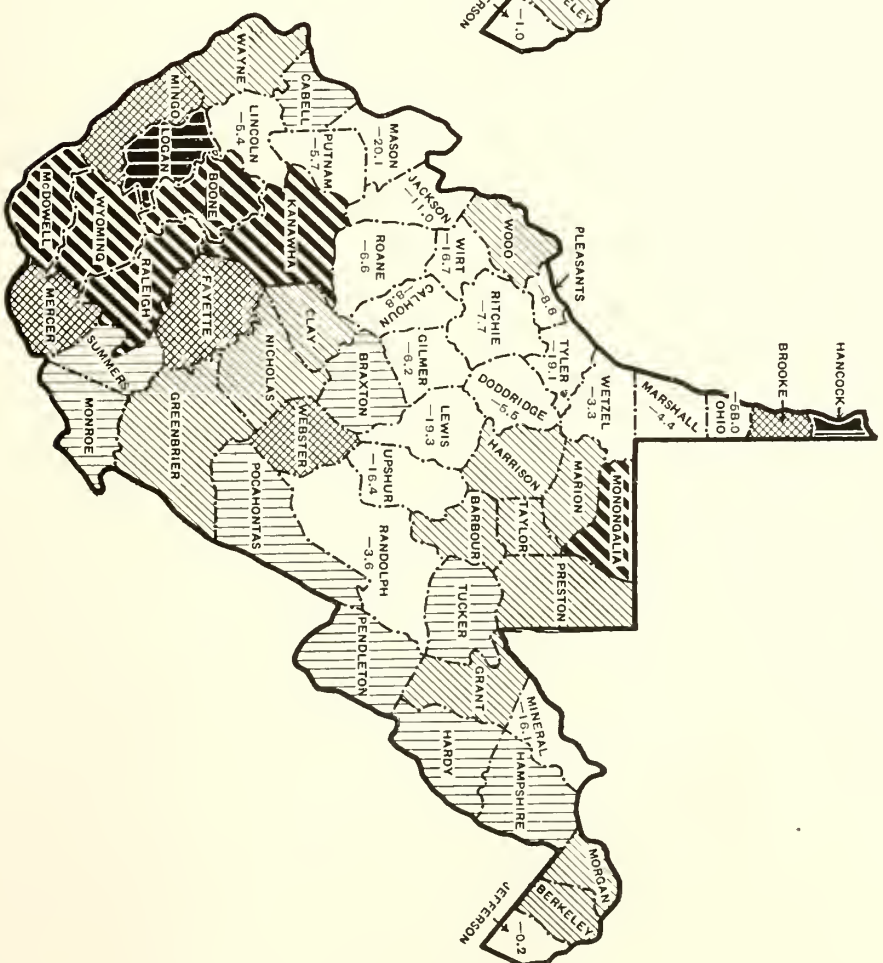
PER CENT OF INCREASE OR DECREASE IN POPULATION OF WEST VIRGINIA, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

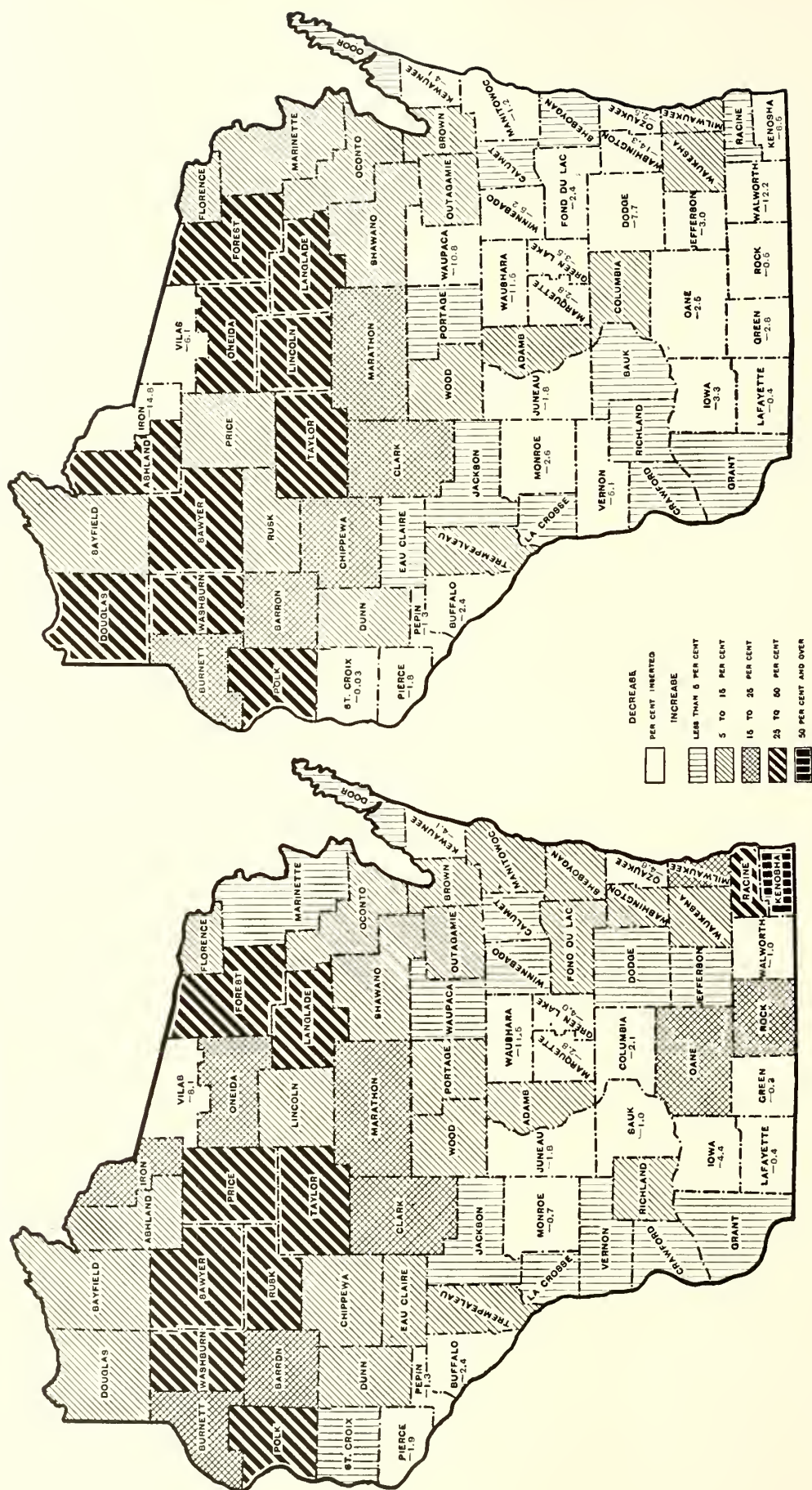




Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

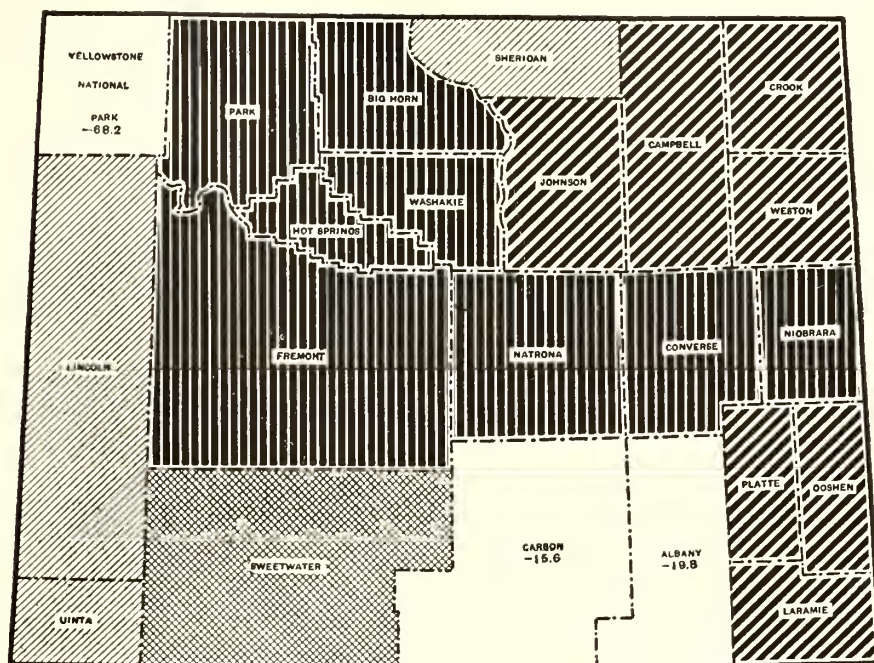
### RURAL POPULATION.



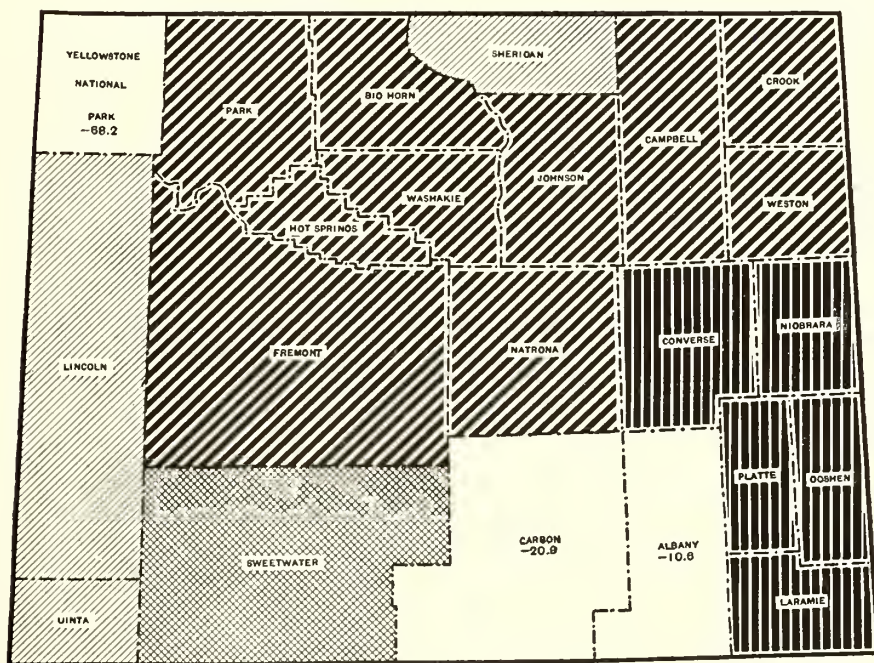
# PER CENT OF INCREASE OR DECREASE IN POPULATION OF WYOMING, BY COUNTIES: 1910-1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

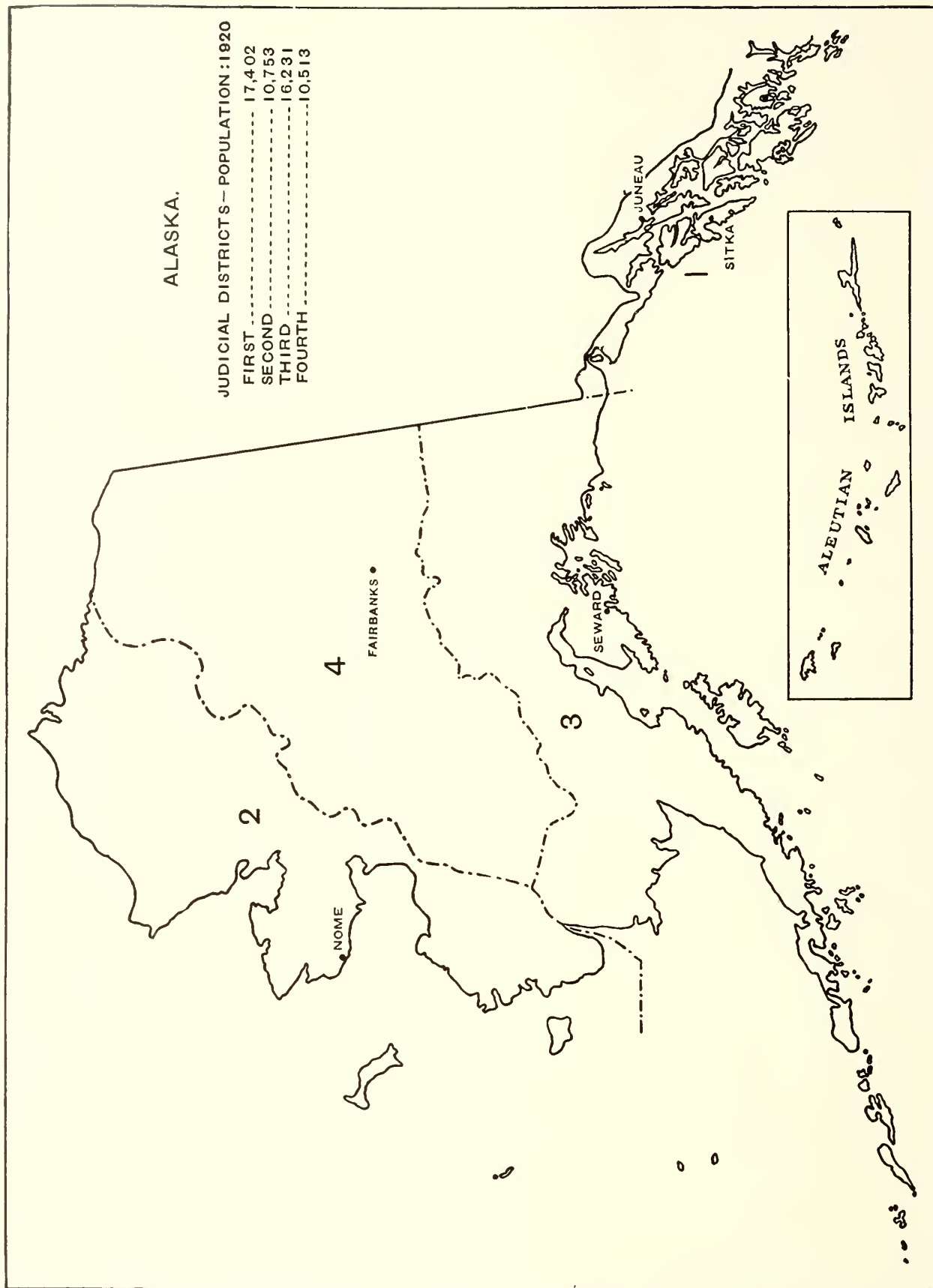




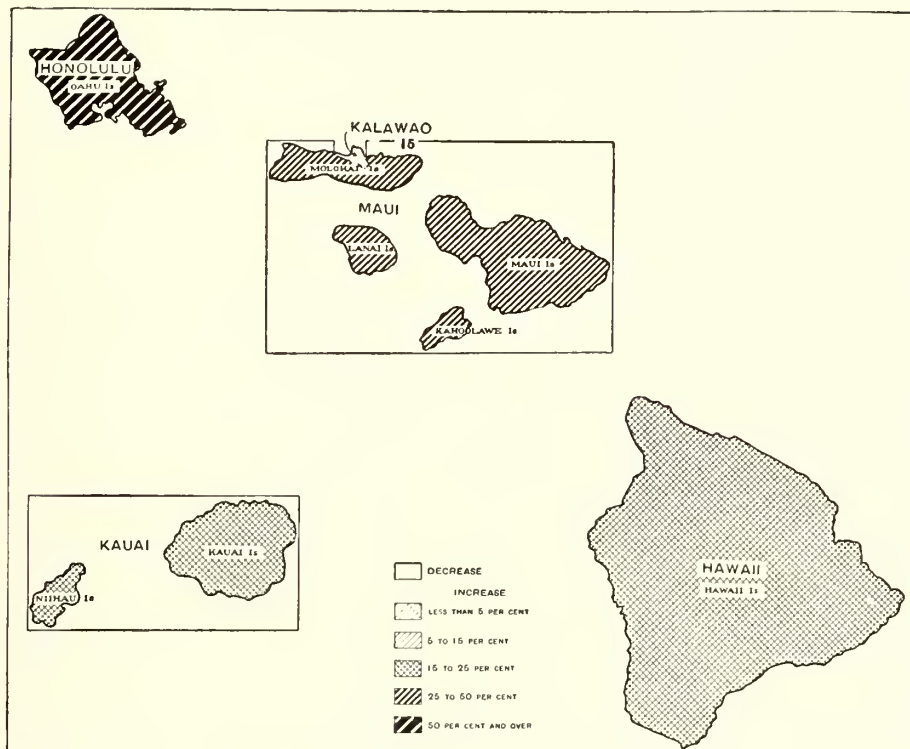
# ALASKA.

## JUDICIAL DISTRICTS—POPULATION: 1920

FIRST	17,402
SECOND	10,753
THIRD	16,231
FOURTH	10,513



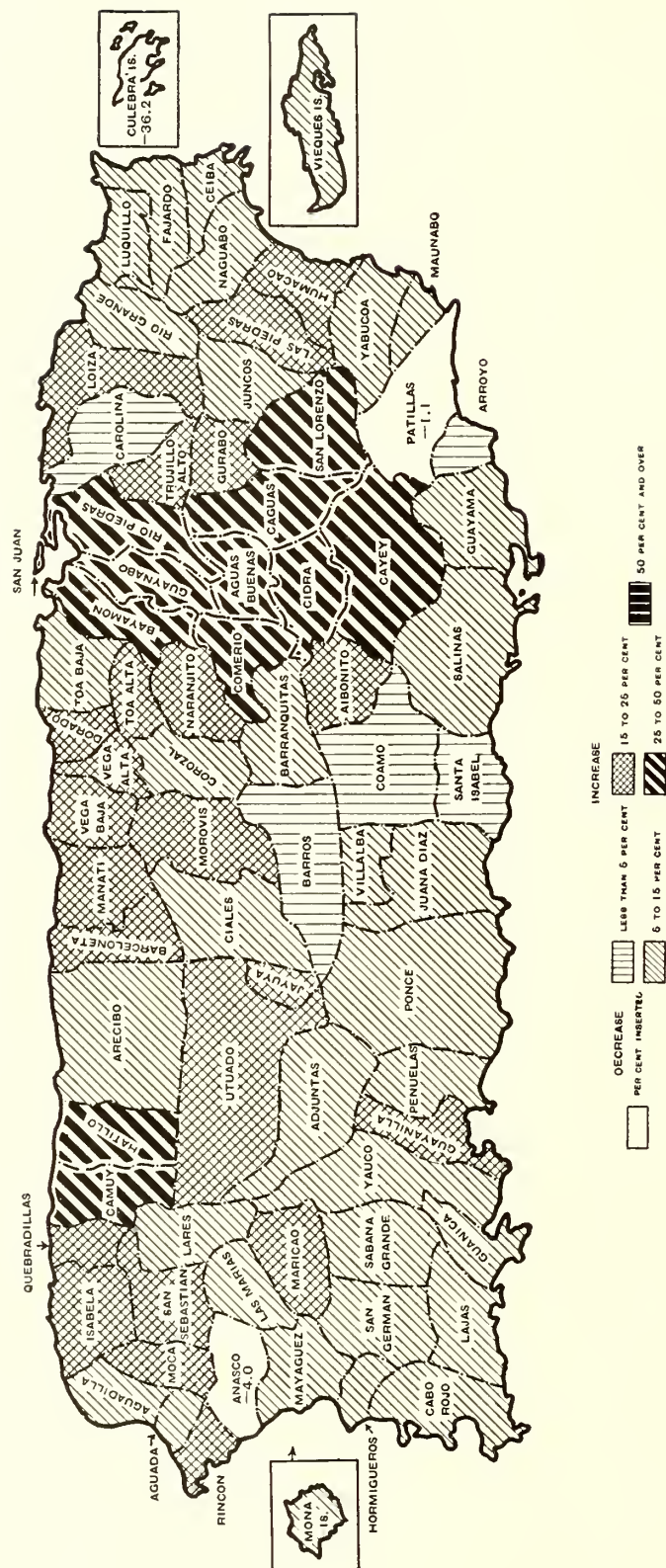
PER CENT OF INCREASE OR DECREASE IN POPULATION OF HAWAII, BY COUNTIES: 1910-1920.



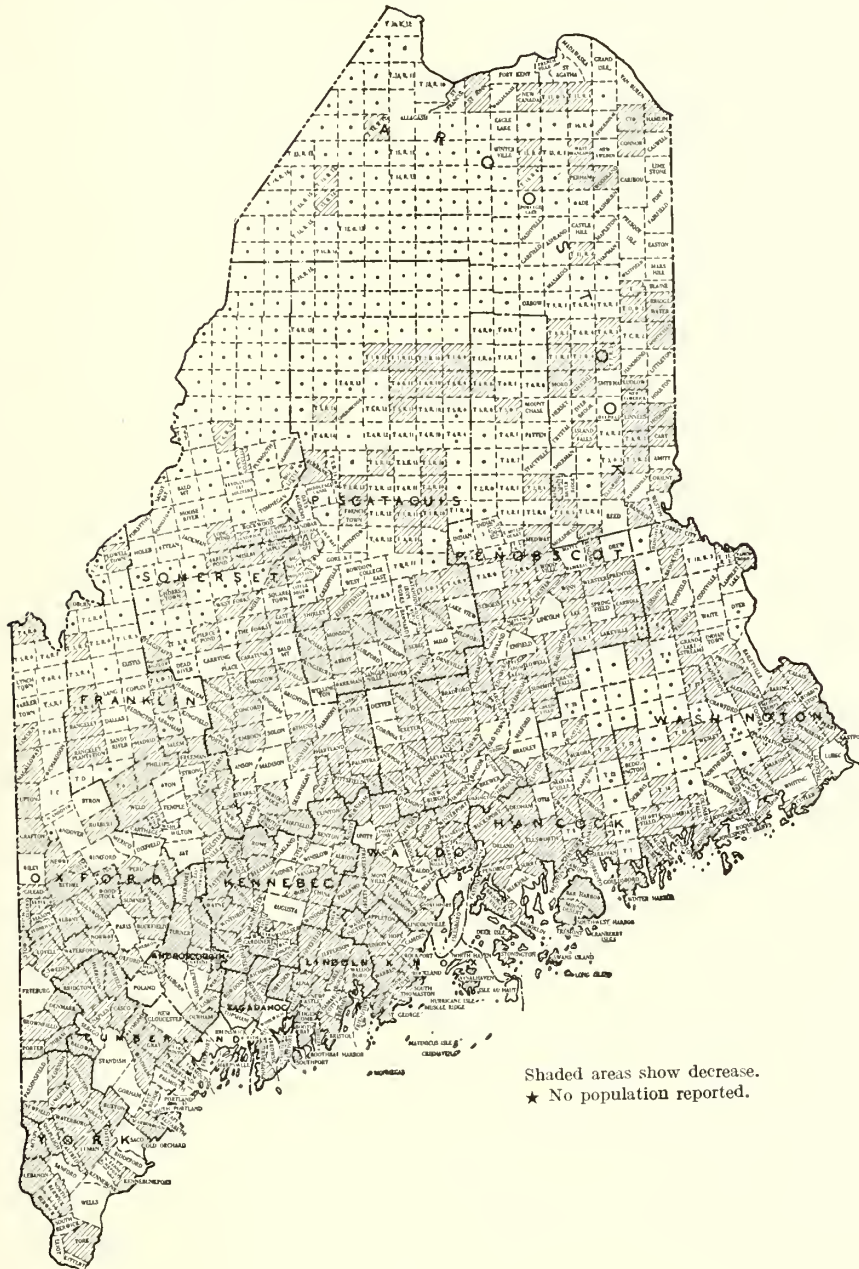


PER CENT OF INCREASE OR DECREASE IN POPULATION OF PORTO RICO, BY MUNICIPALITIES, 1910-1920.

In case of decrease the per cent is inserted under the municipality name.



## MAINE—TOWNS (SHADED) SHOWING DECREASE: 1910-1920.

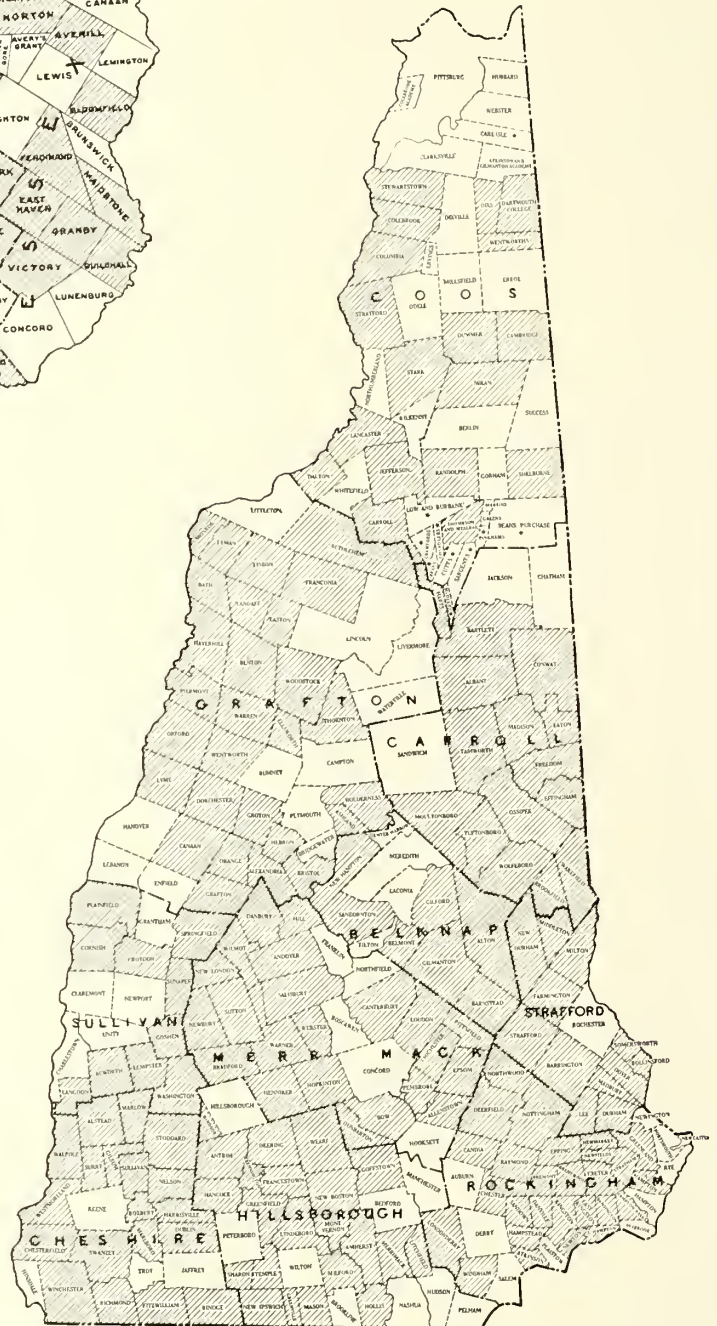
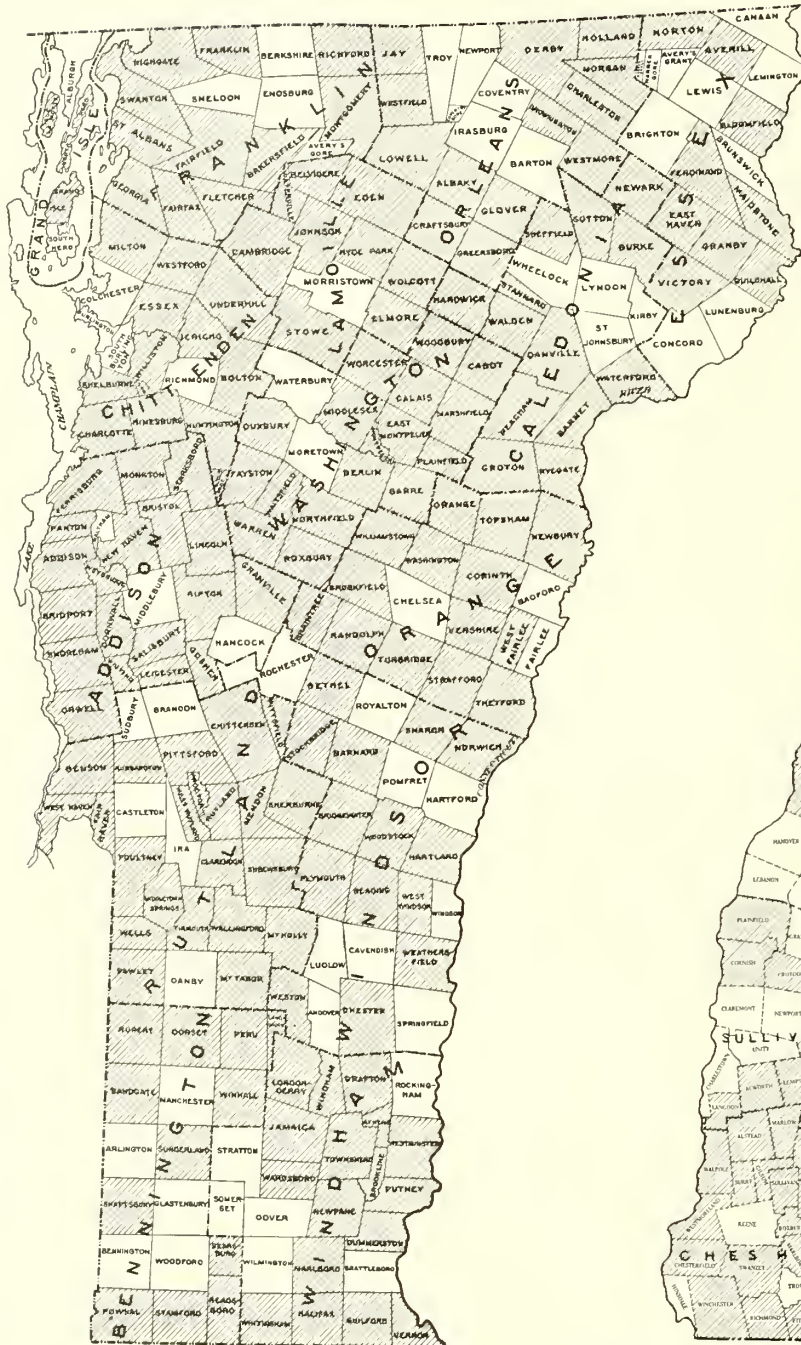




TOWNS (SHADED) SHOWING DECREASE: 1910-1920.

VERMONT.

NEW HAMPSHIRE.

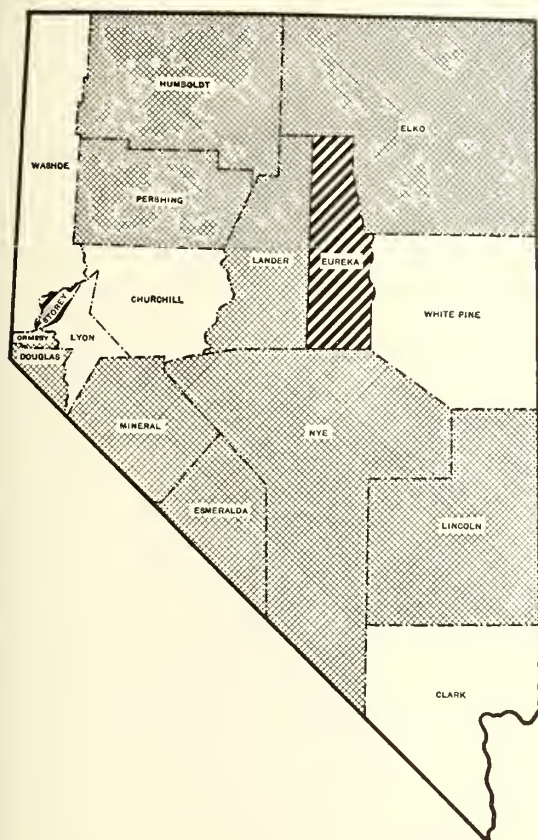


Shaded areas show decrease.  
★ No population reported.

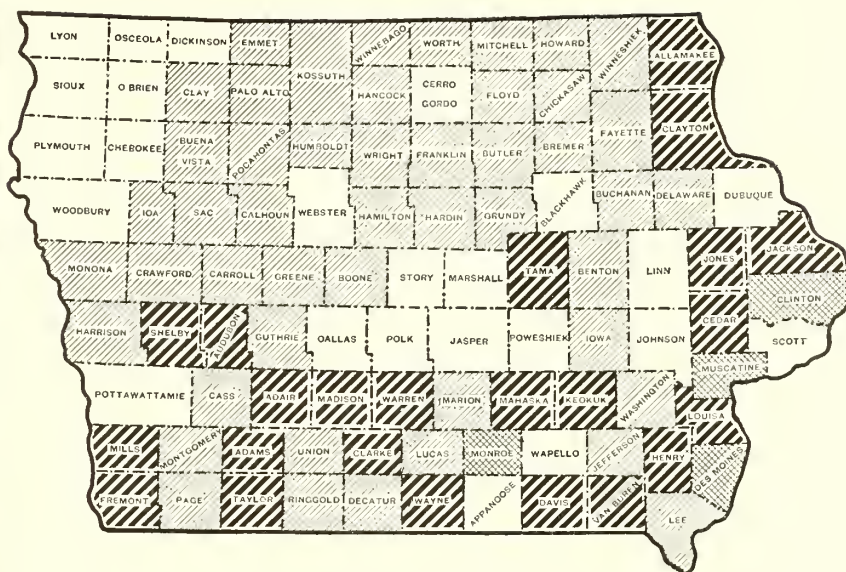


INCREASE OR DECREASE IN POPULATION OF COUNTIES: 1900-1920.

NEVADA.

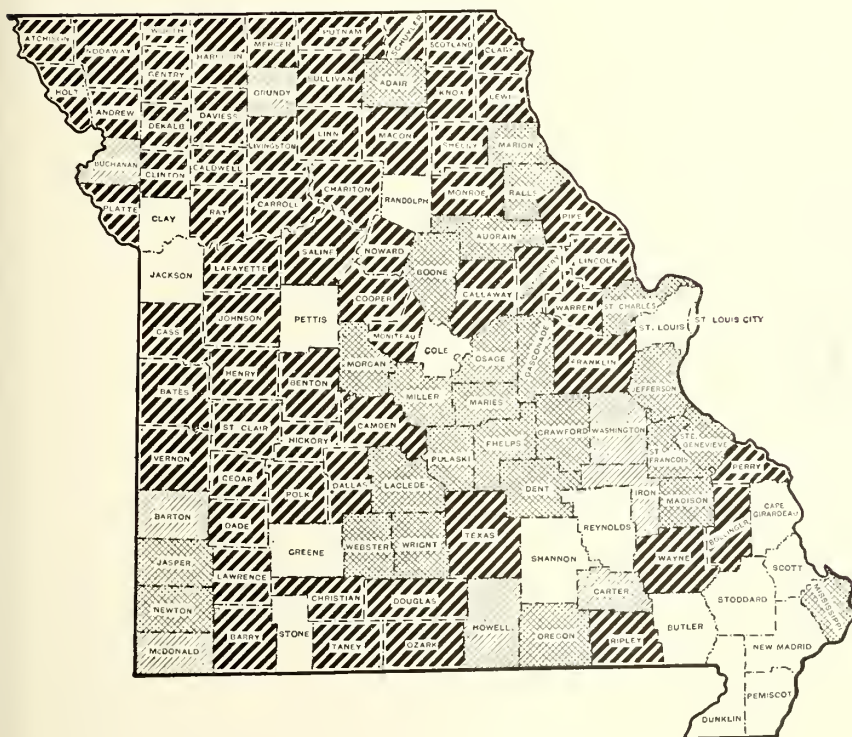


IOWA.

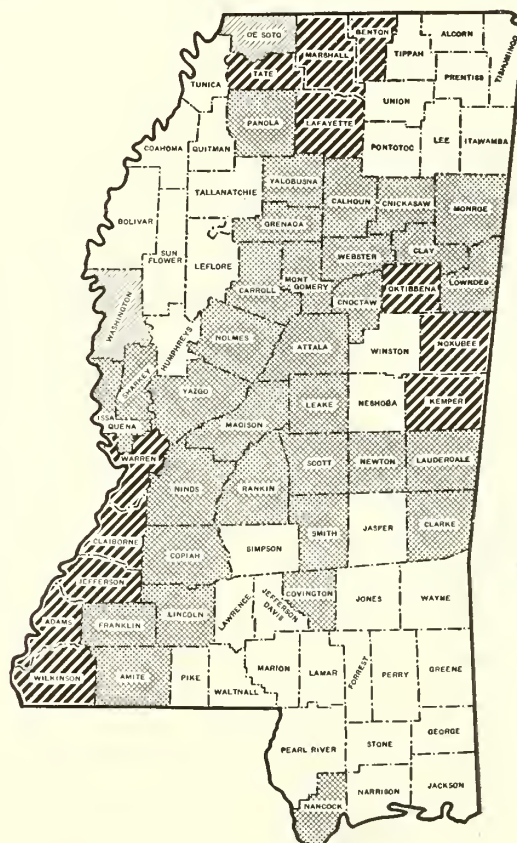


- Increase both 1910 and 1920
- Decrease 1910; increase 1920
- Decrease 1920; increase 1910
- Decrease both 1910 and 1920

MISSOURI.



MISSISSIPPI.





DELAWARE.



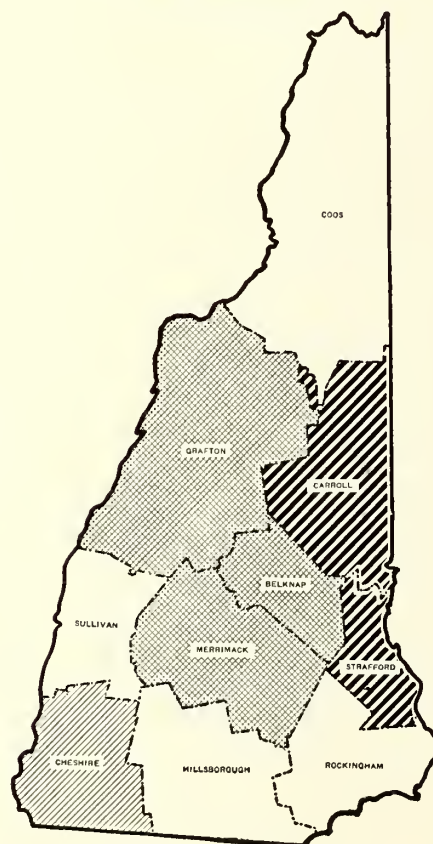
MAINE.



VERMONT.



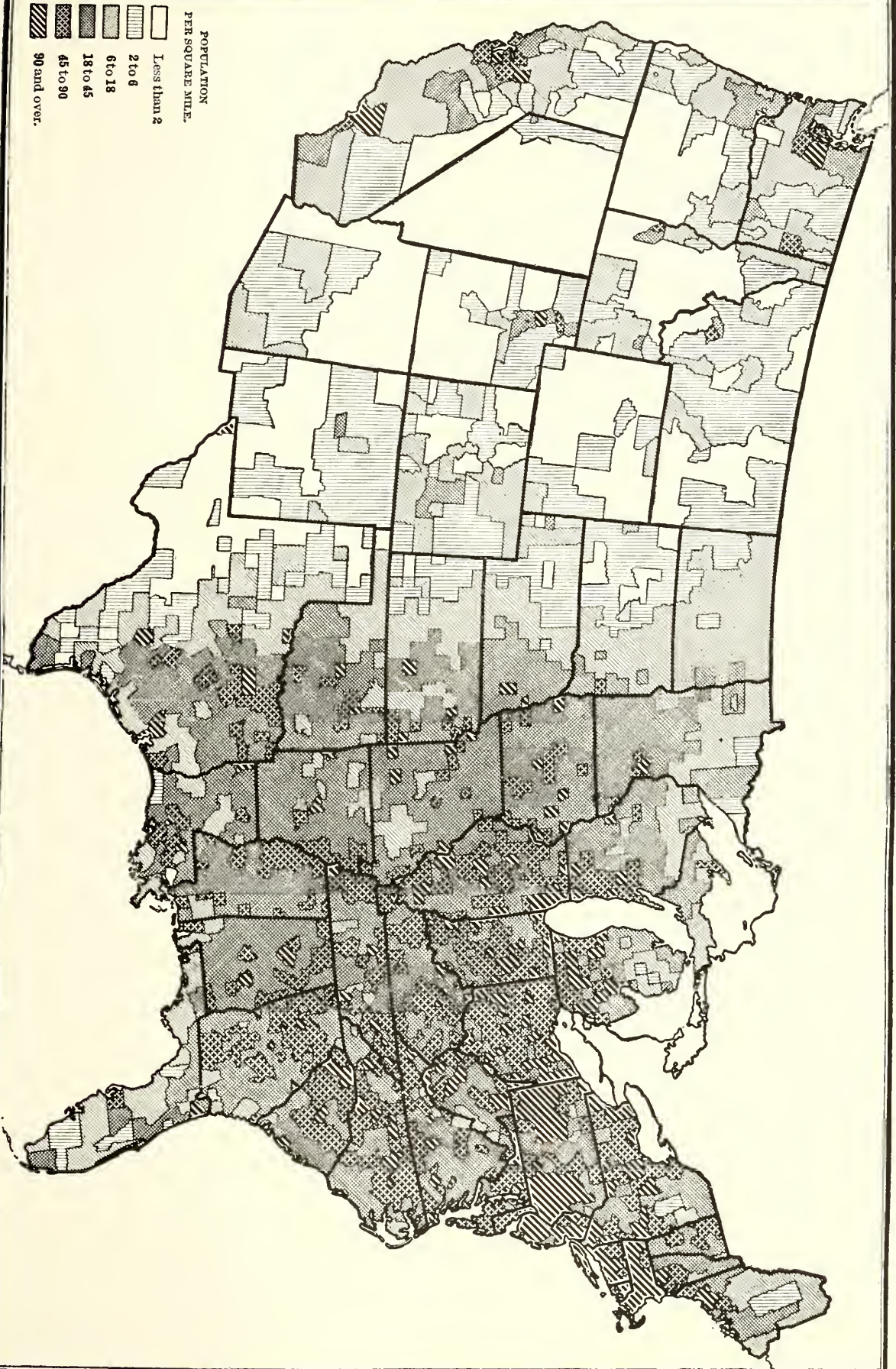
NEW HAMPSHIRE.



- Increase both 1910 and 1920
- ▨ Decrease 1910; increase 1920
- ▩ Decrease 1920; increase 1910
- ▤ Decrease both 1910 and 1920

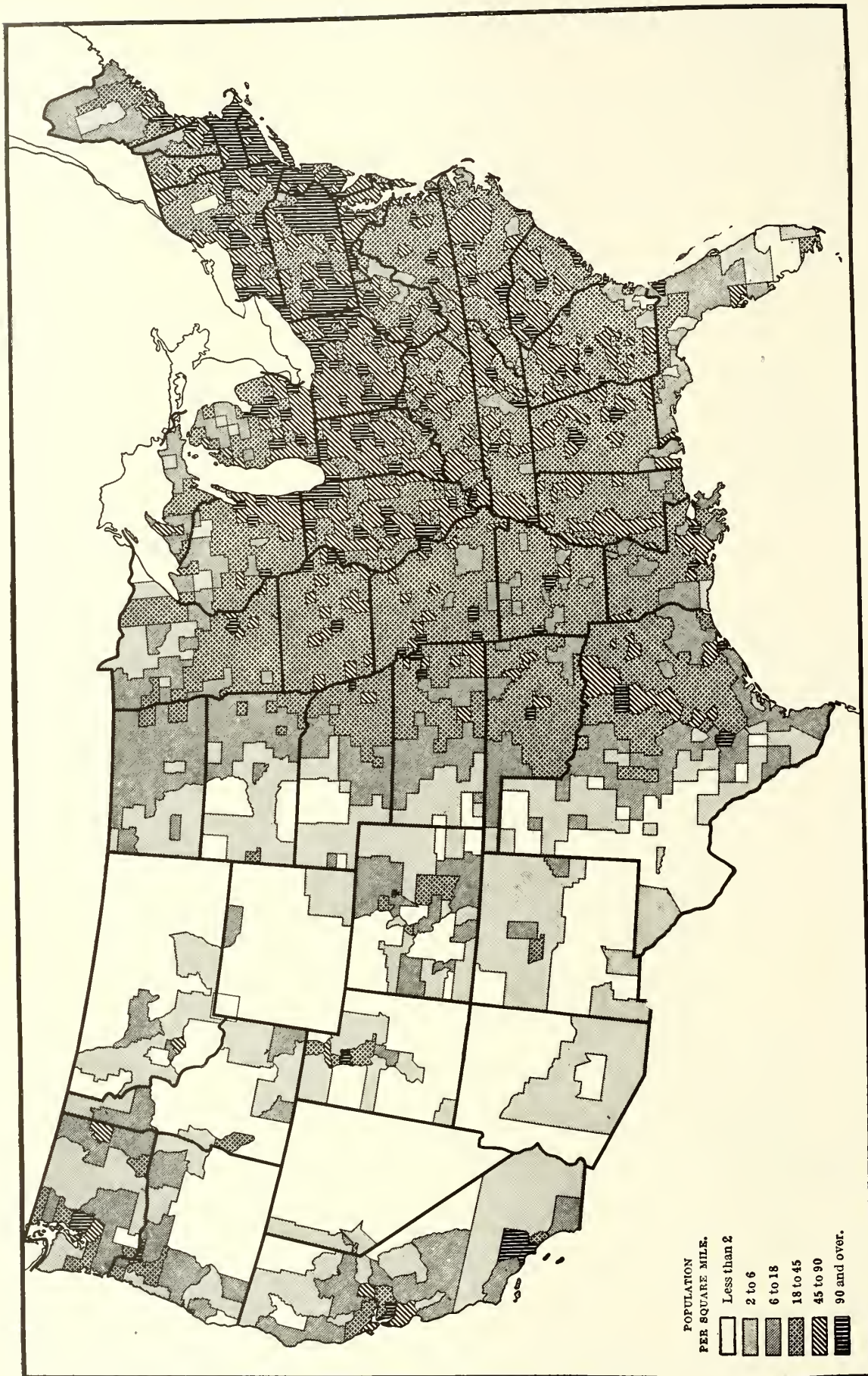


POPULATION PER SQUARE MILE, BY COUNTIES: 1920.



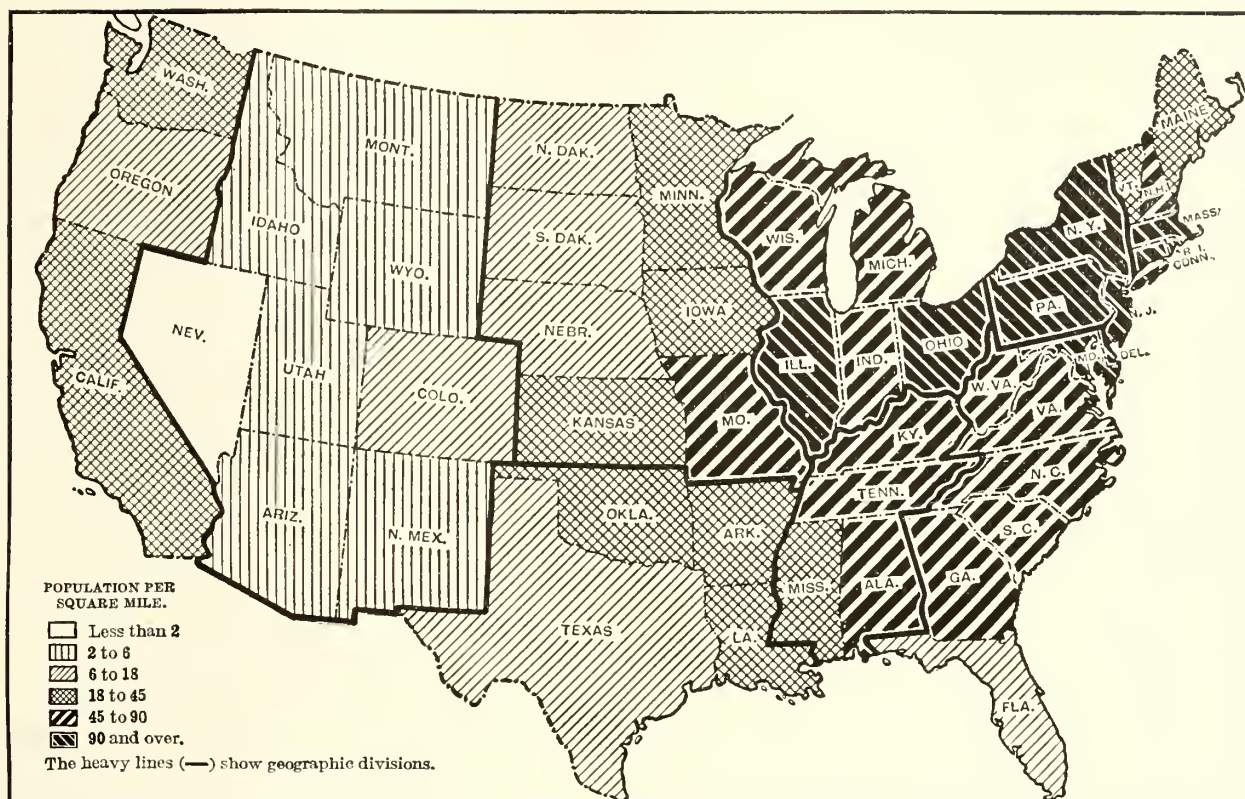


POPULATION PER SQUARE MILE, BY COUNTIES: 1910.

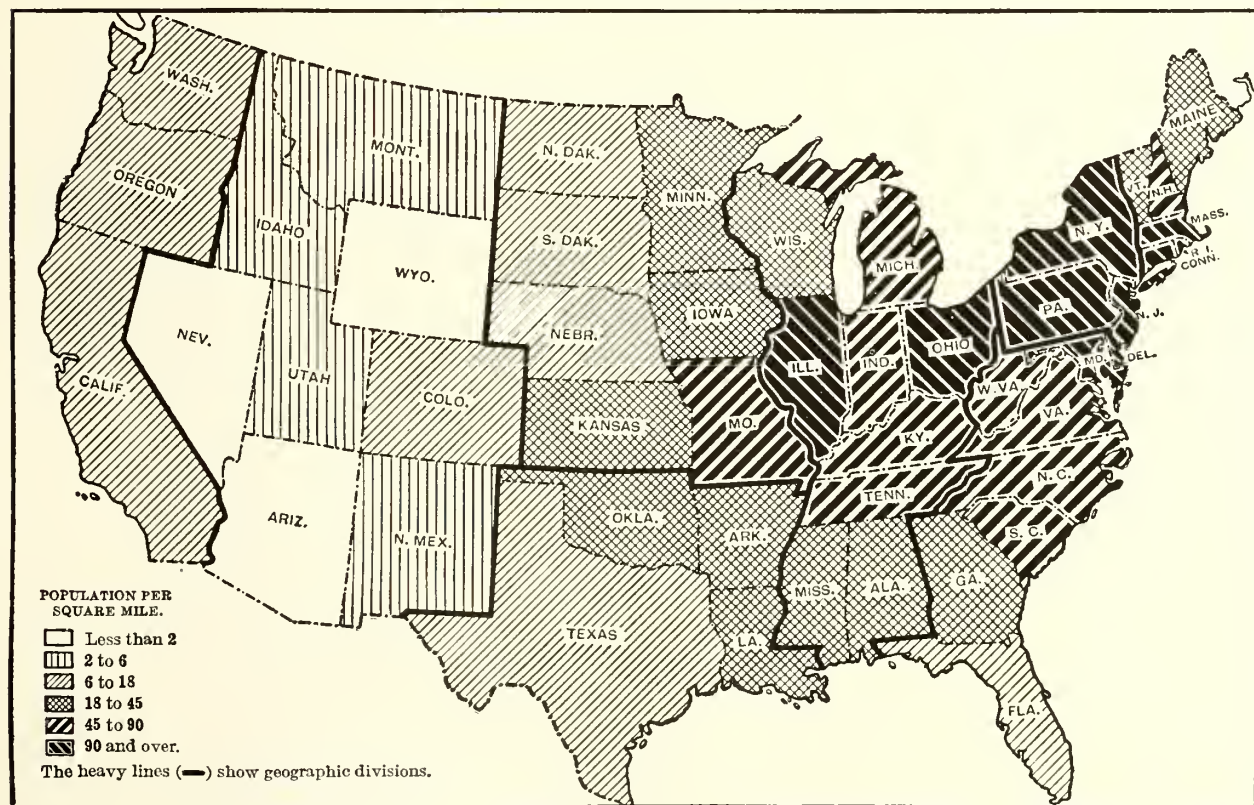




1. POPULATION PER SQUARE MILE, BY STATES: 1920.

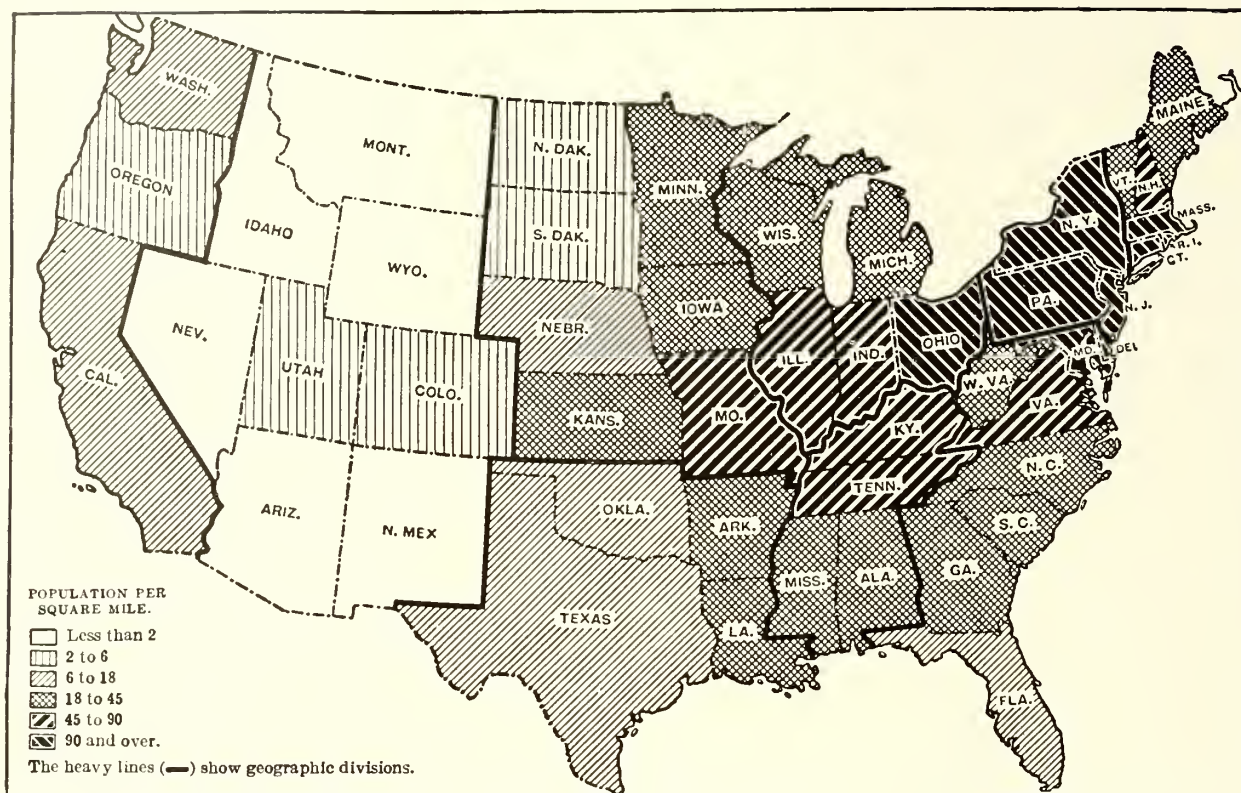


2. POPULATION PER SQUARE MILE, BY STATES: 1910.

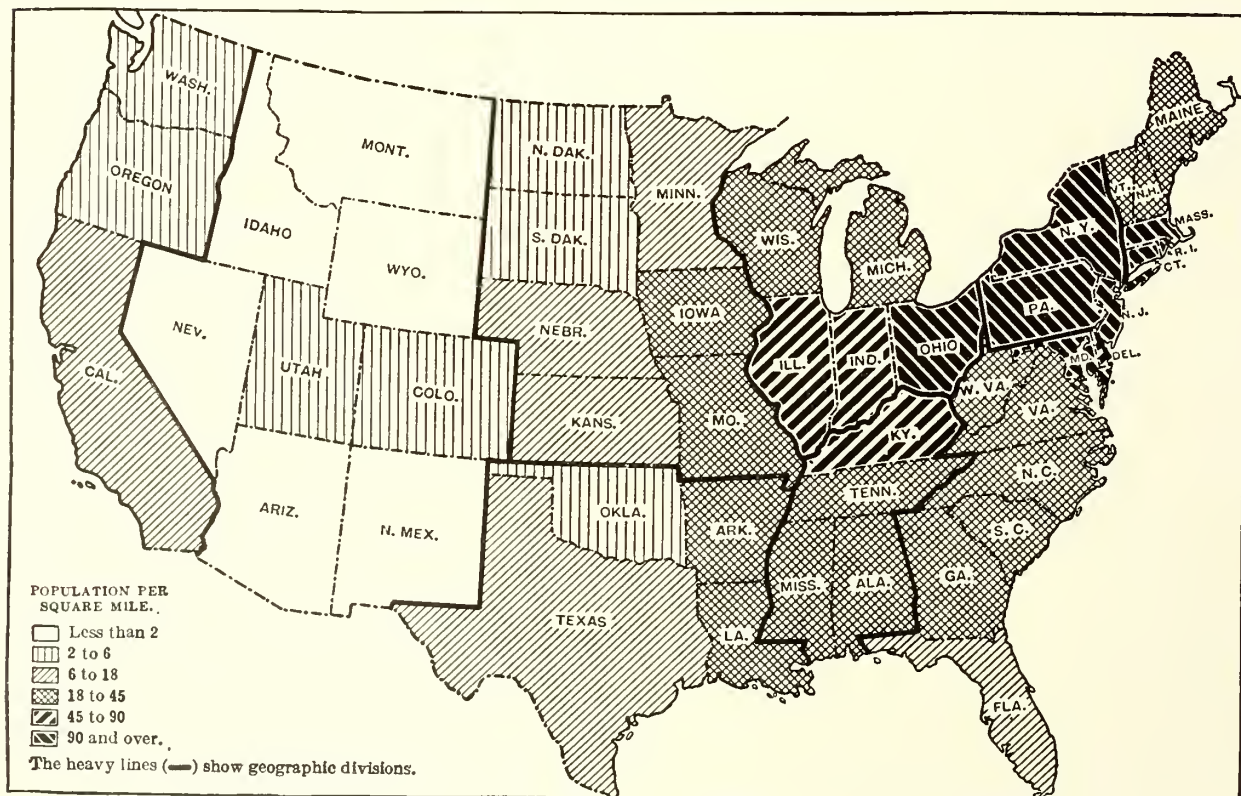




1. POPULATION PER SQUARE MILE, BY STATES: 1900.



2. POPULATION PER SQUARE MILE, BY STATES: 1890.

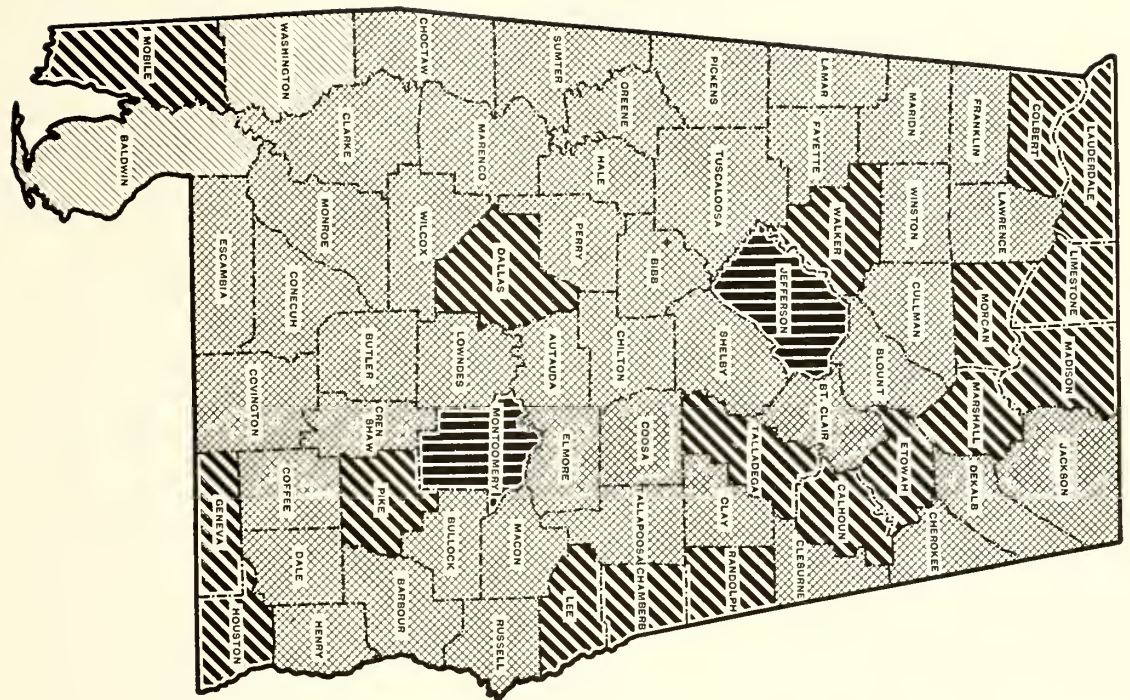




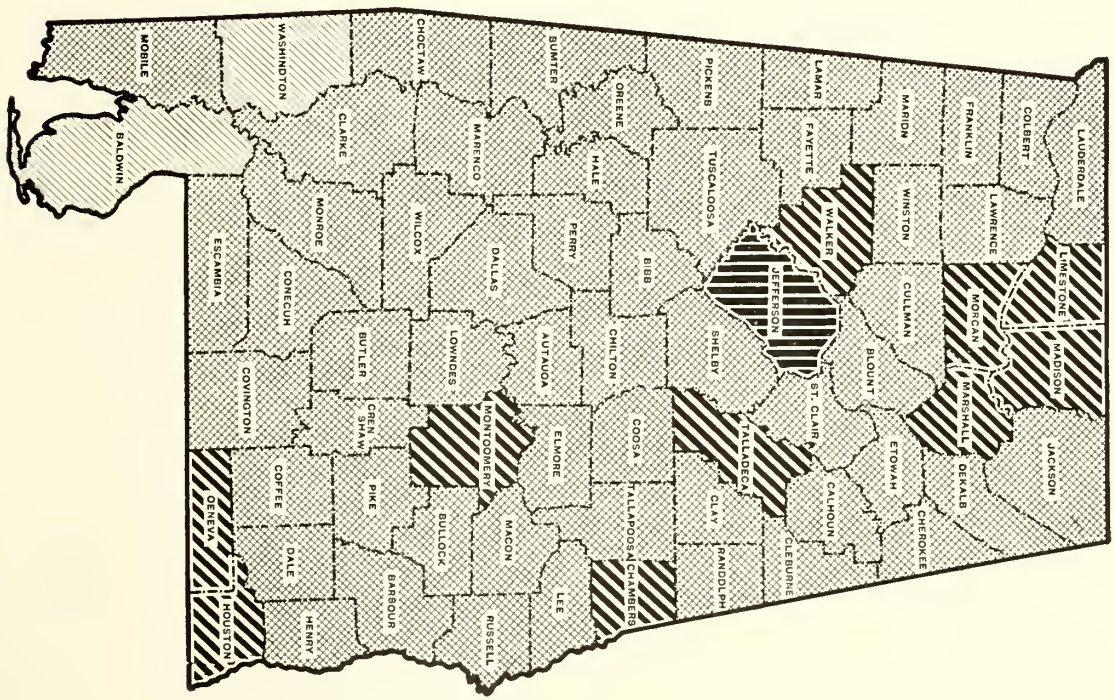
DENSITY OF POPULATION OF ALABAMA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



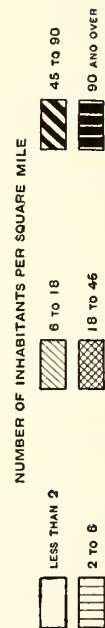
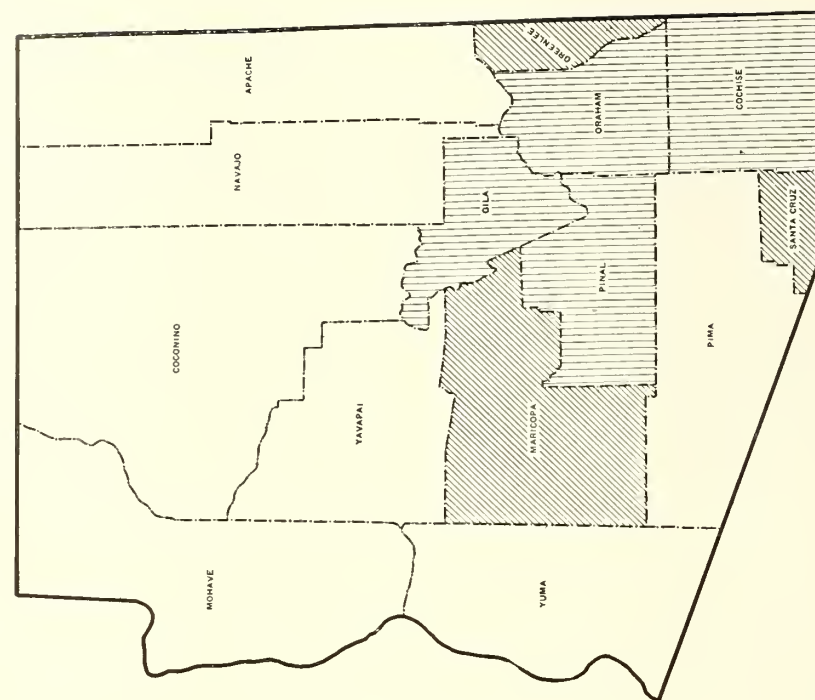
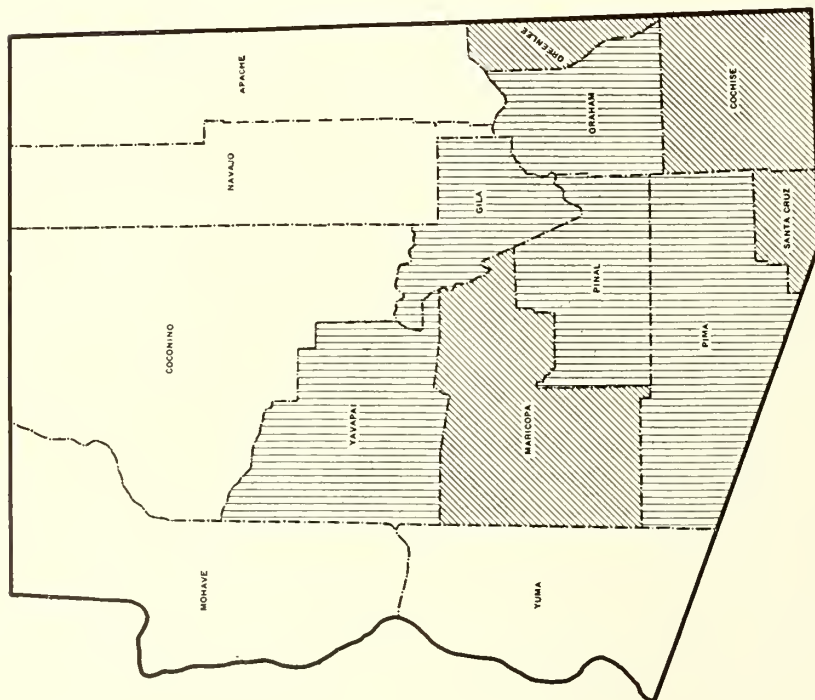


# DENSITY OF POPULATION OF ARIZONA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

## RURAL POPULATION.

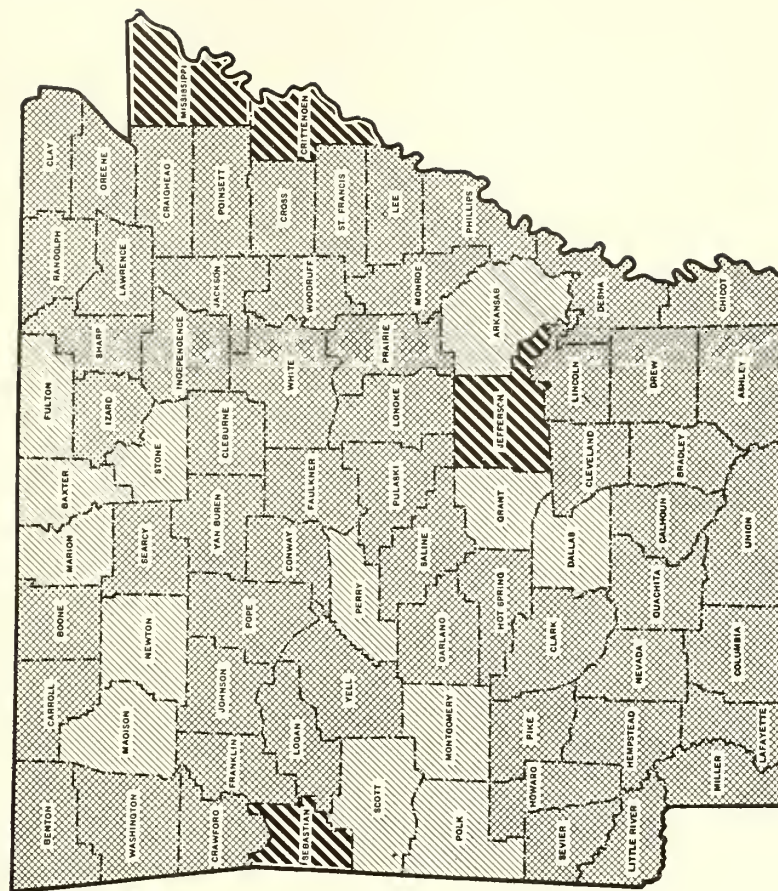
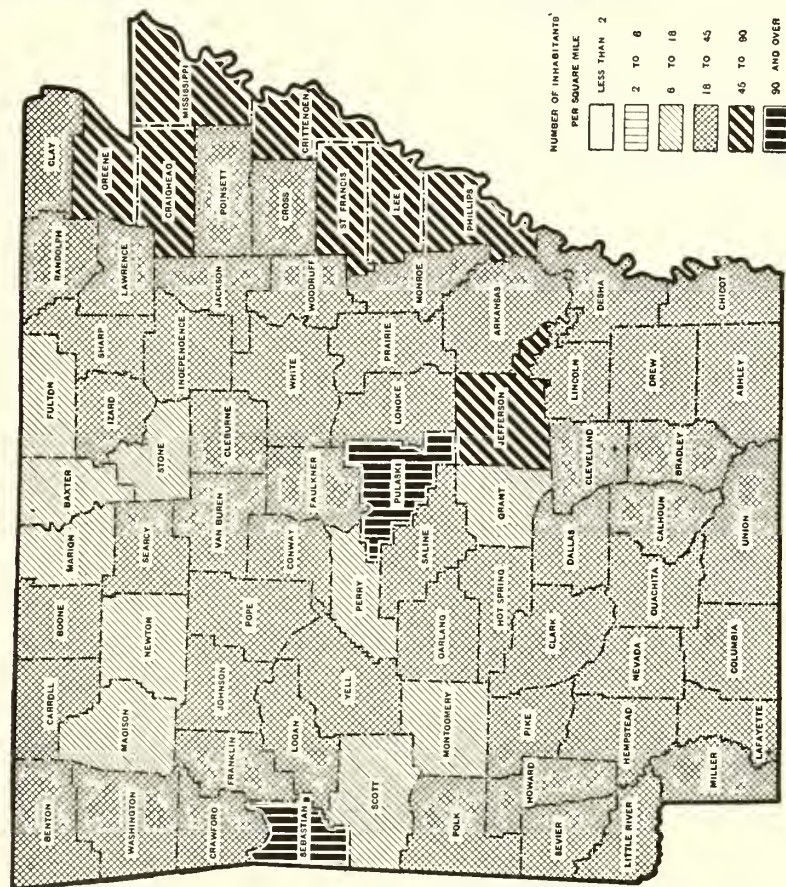


# DENSITY OF POPULATION OF ARKANSAS, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.

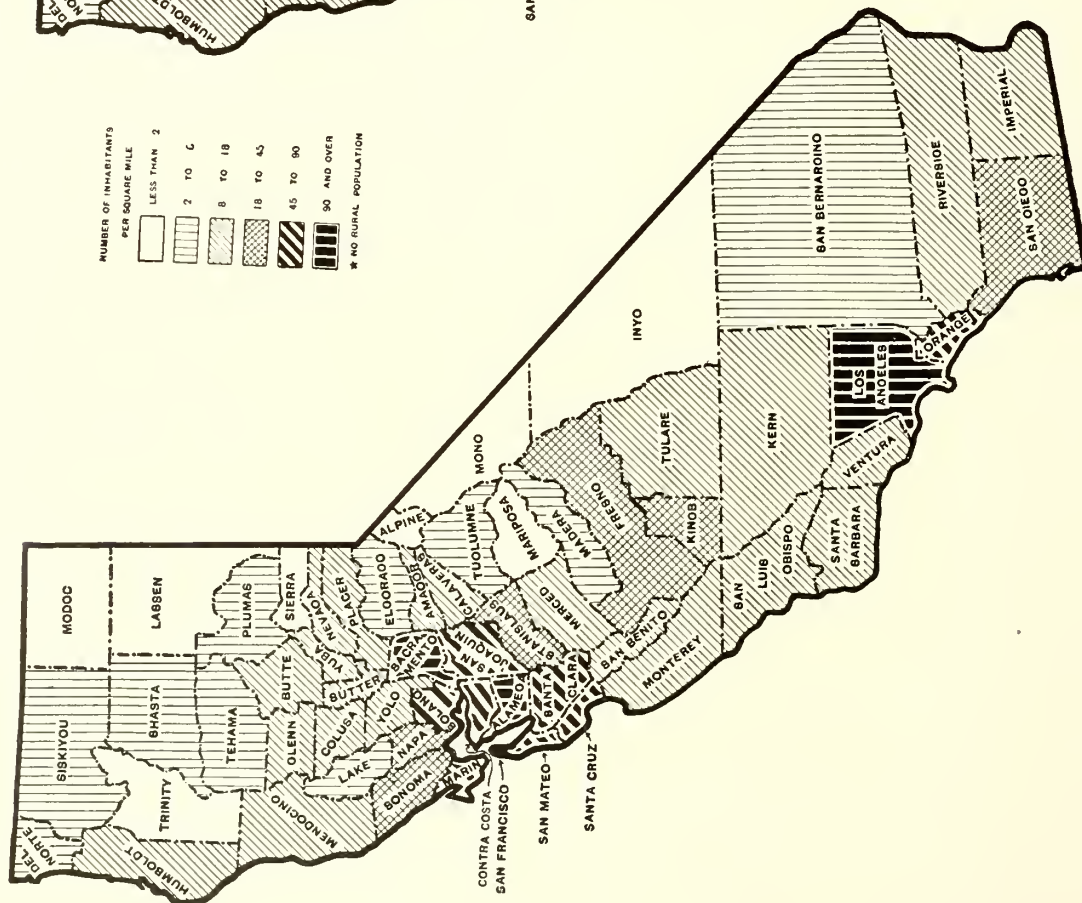




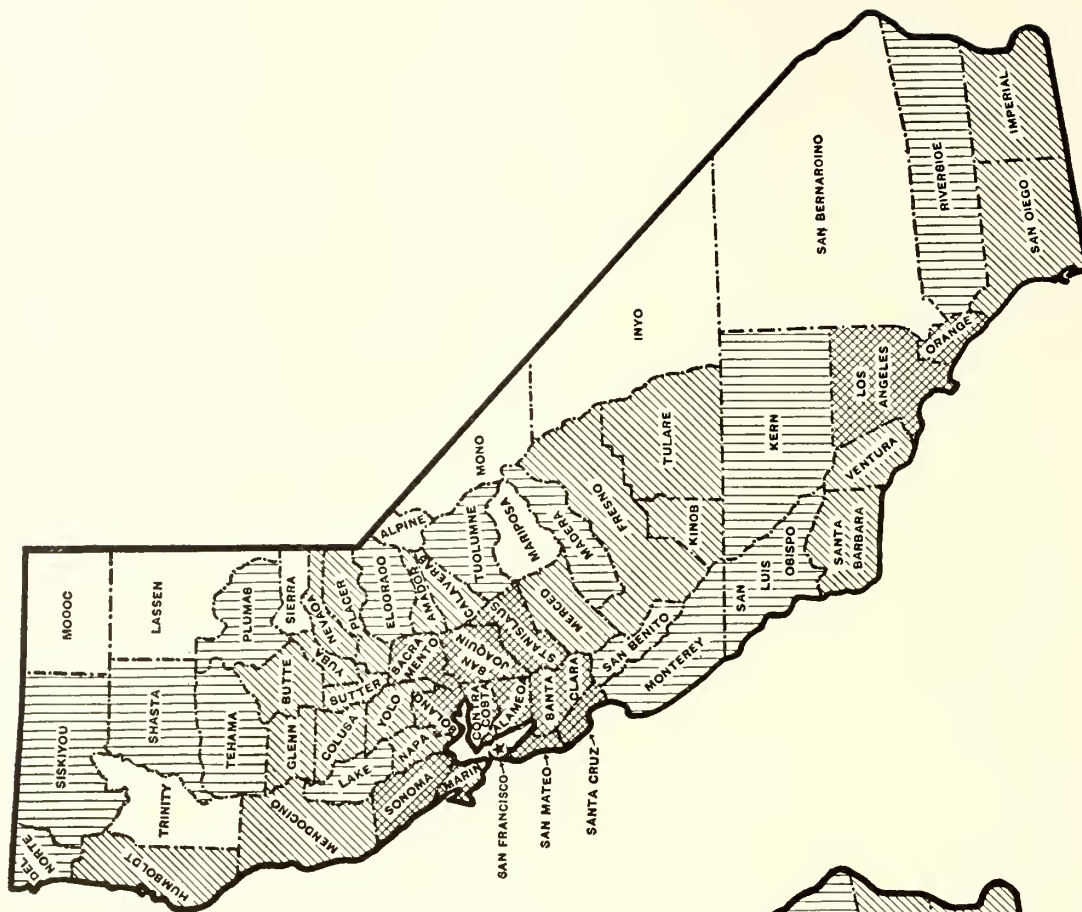
# DENSITY OF POPULATION OF CALIFORNIA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



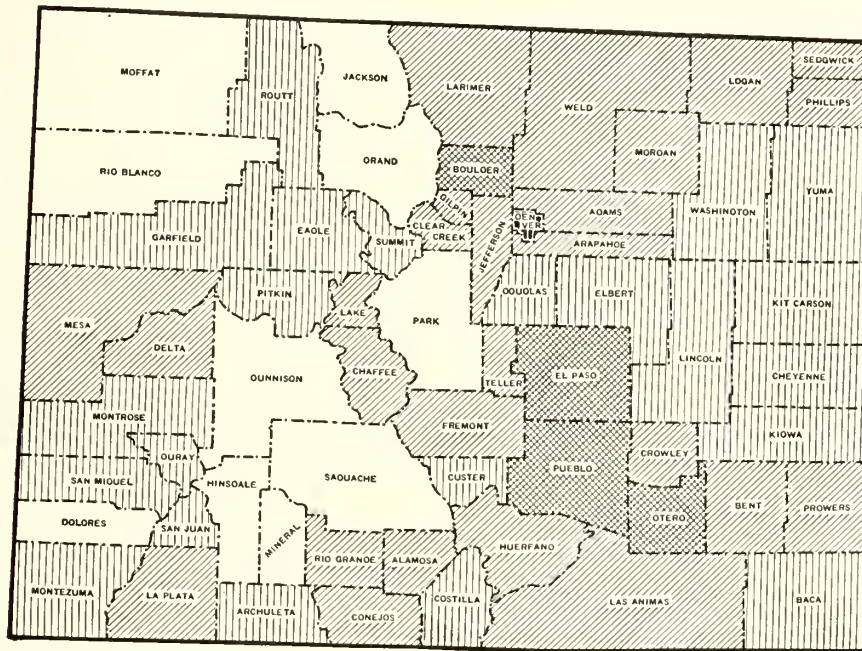
RURAL POPULATION.



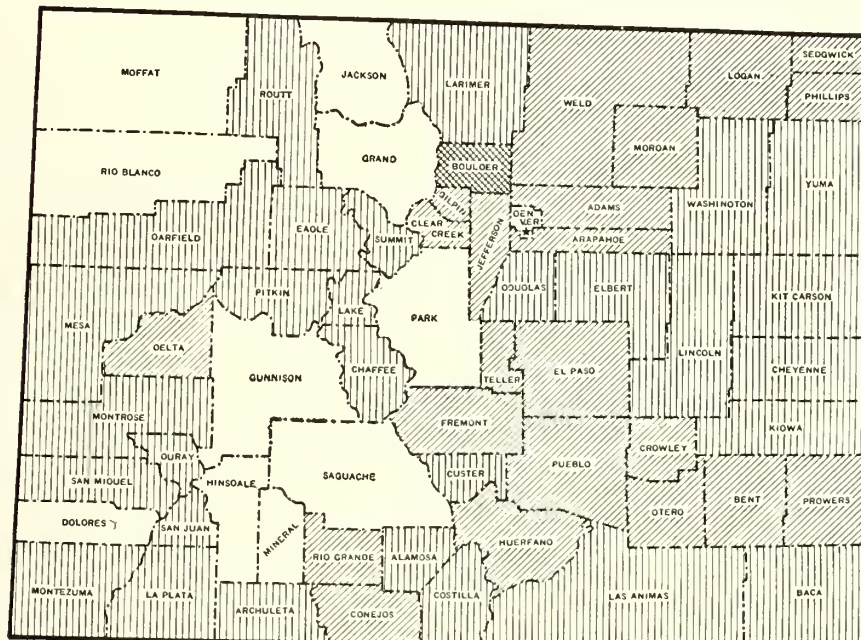
# DENSITY OF POPULATION OF COLORADO, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



### NUMBER OF INHABITANTS PER SQUARE MILE



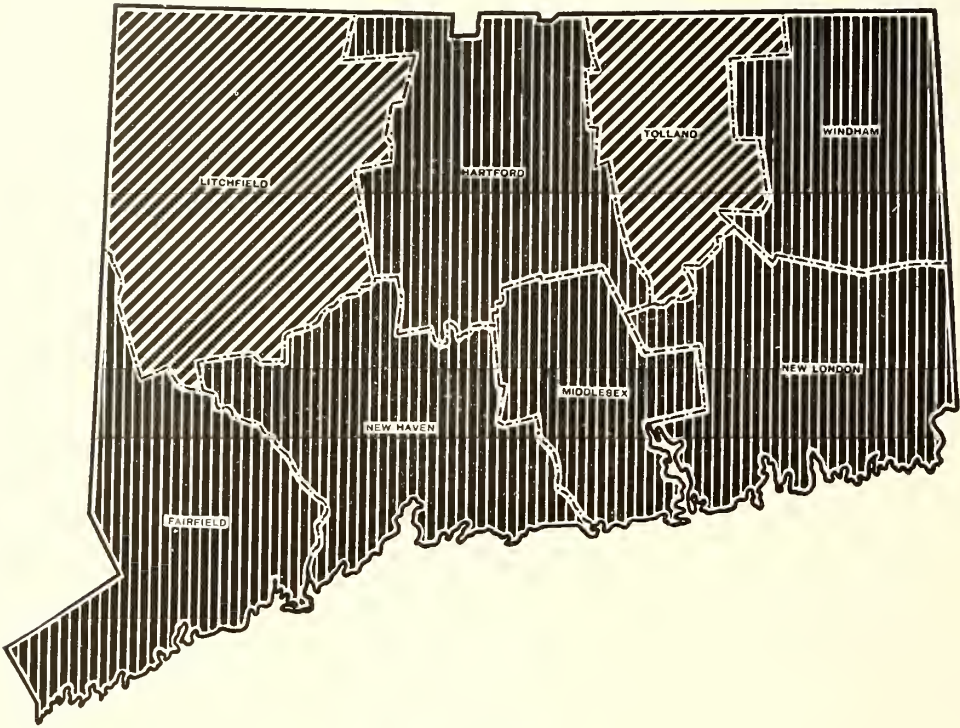
★ NO RURAL POPULATION



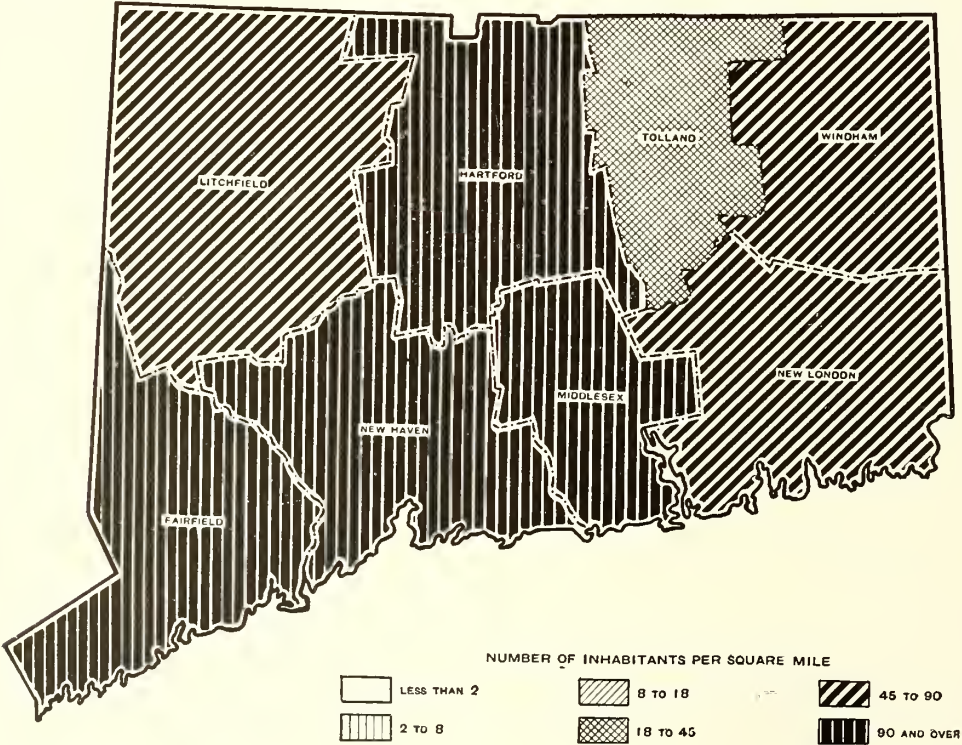
DENSITY OF POPULATION OF CONNECTICUT, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



# DENSITY OF POPULATION OF DELAWARE, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.



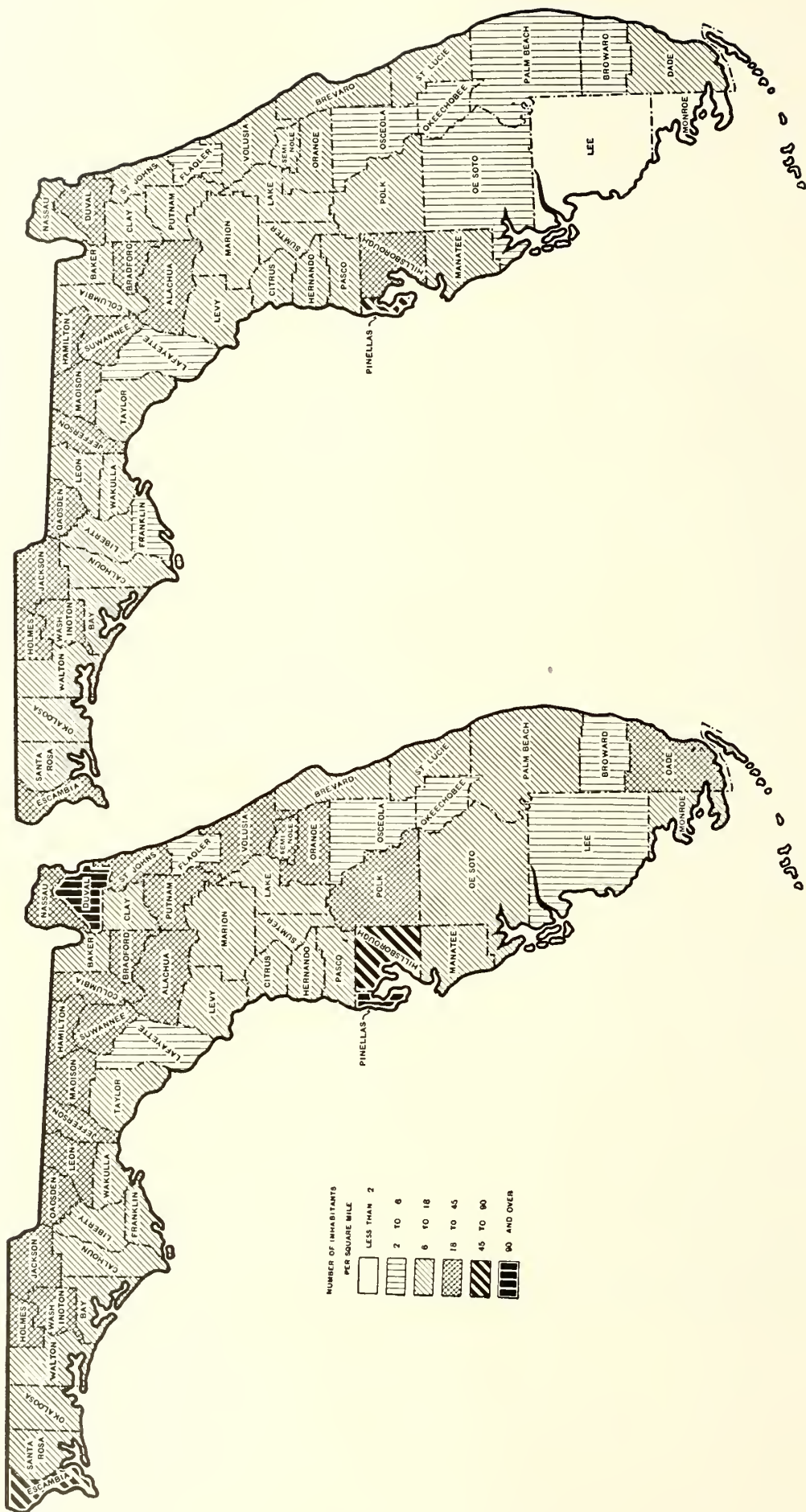


# DENSITY OF POPULATION OF FLORIDA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

## RURAL POPULATION.



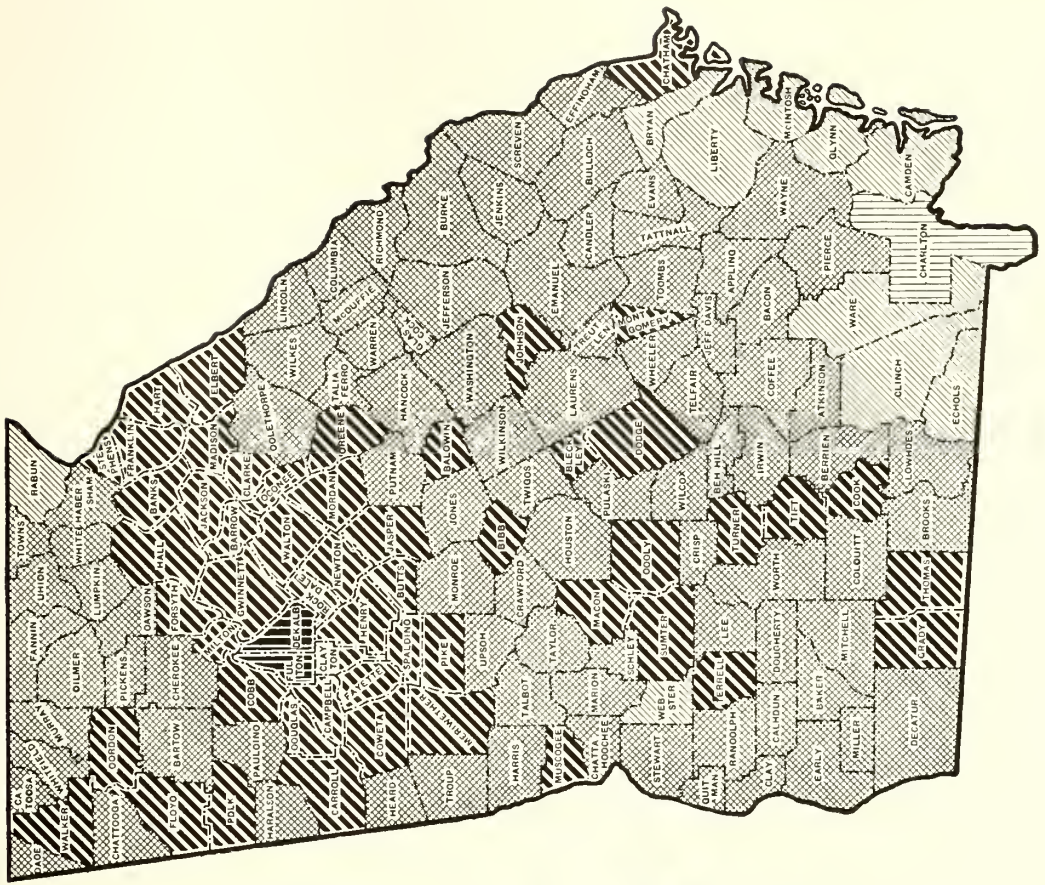
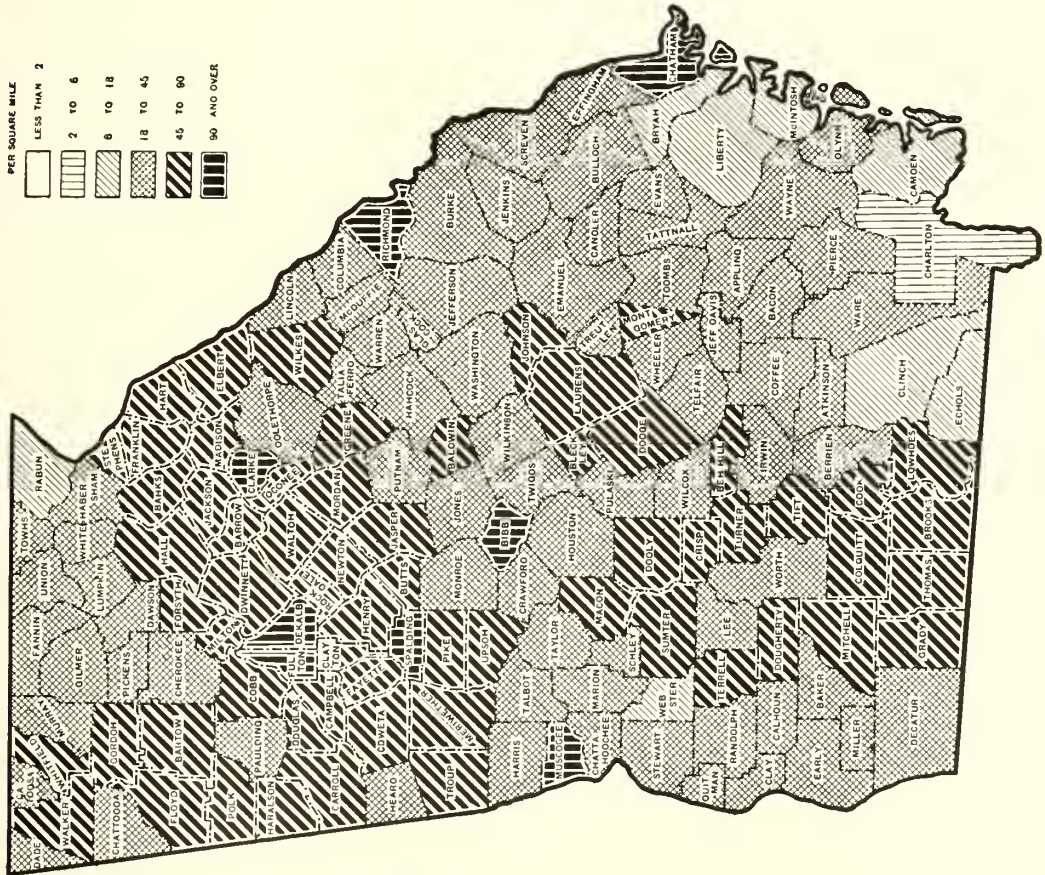
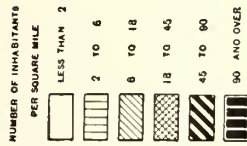


# DENSITY OF POPULATION OF GEORGIA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.

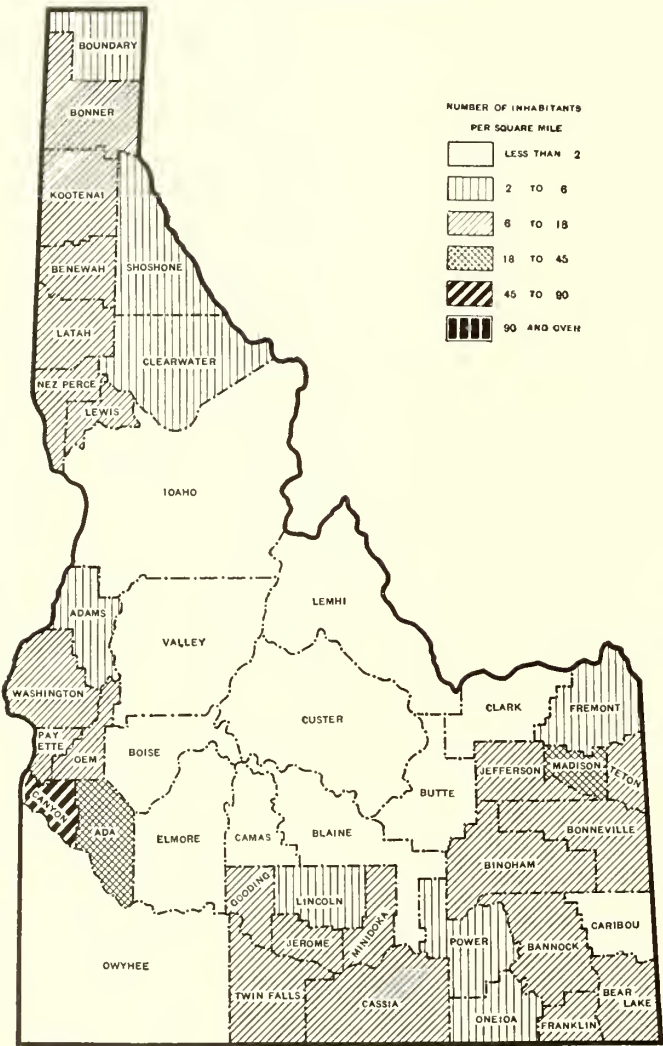




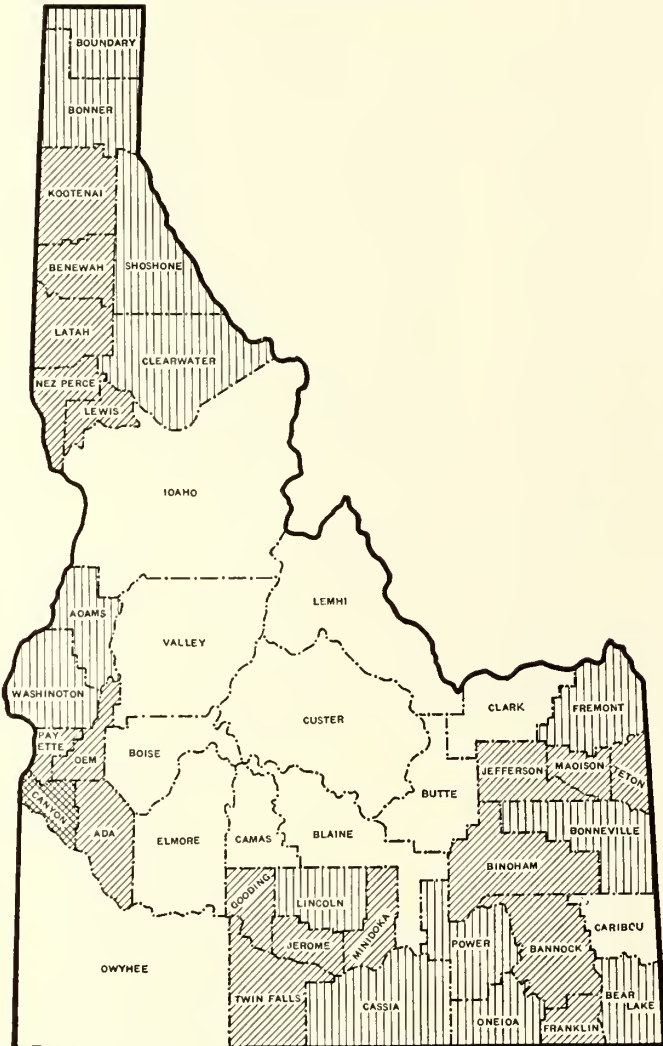
DENSITY OF POPULATION OF IDAHO, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.

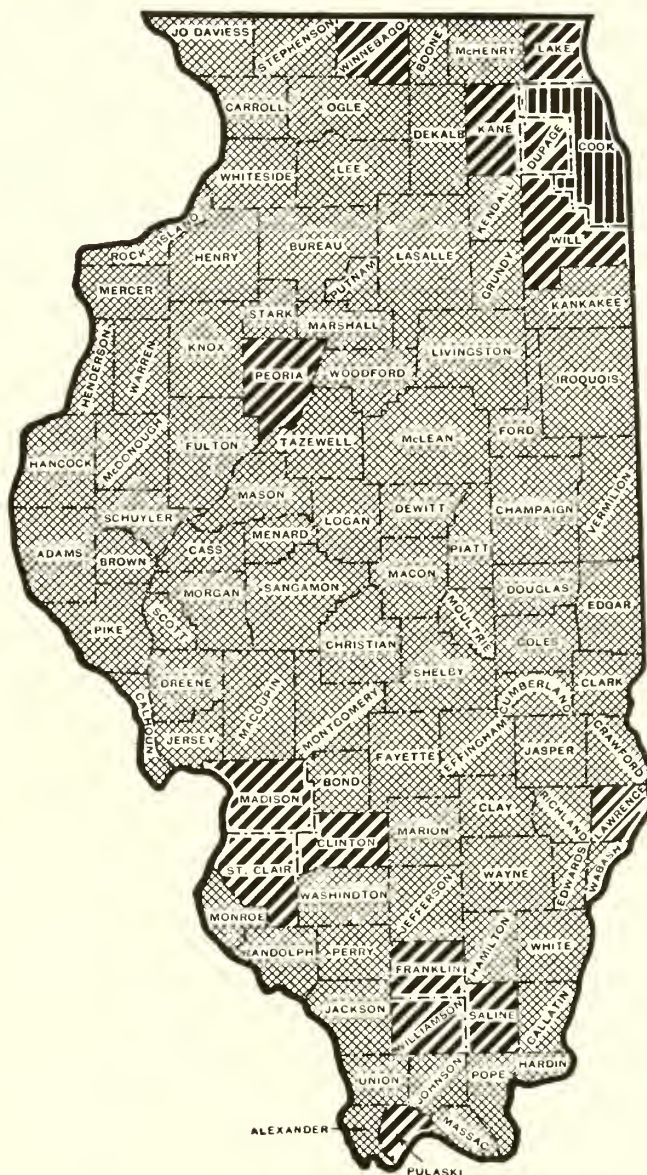
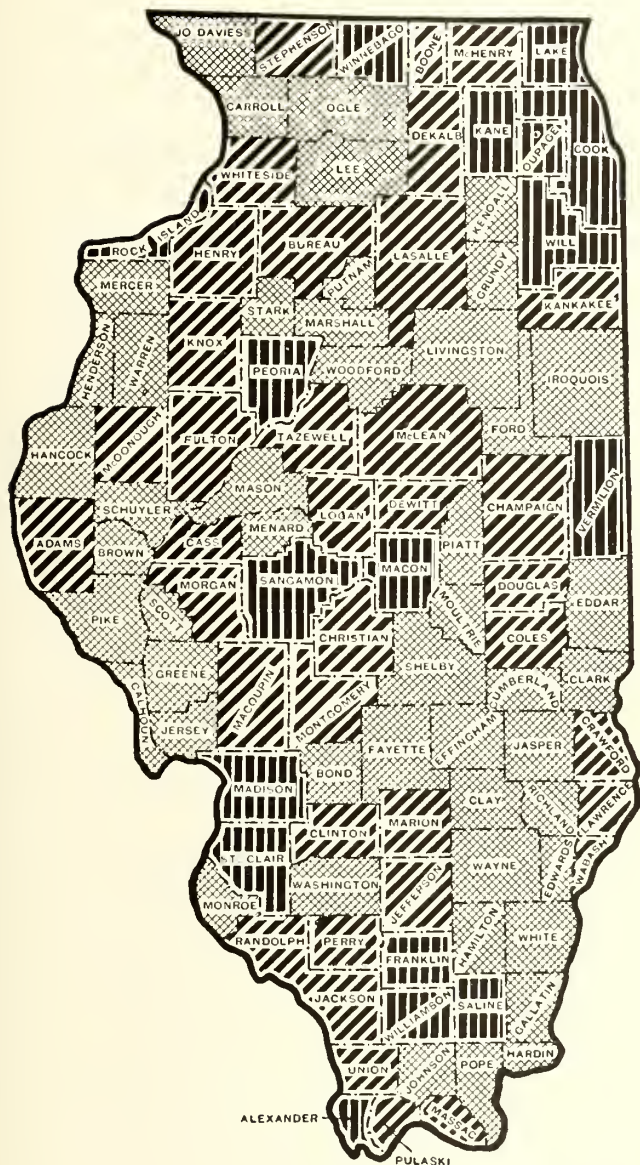


# DENSITY OF POPULATION OF ILLINOIS, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE



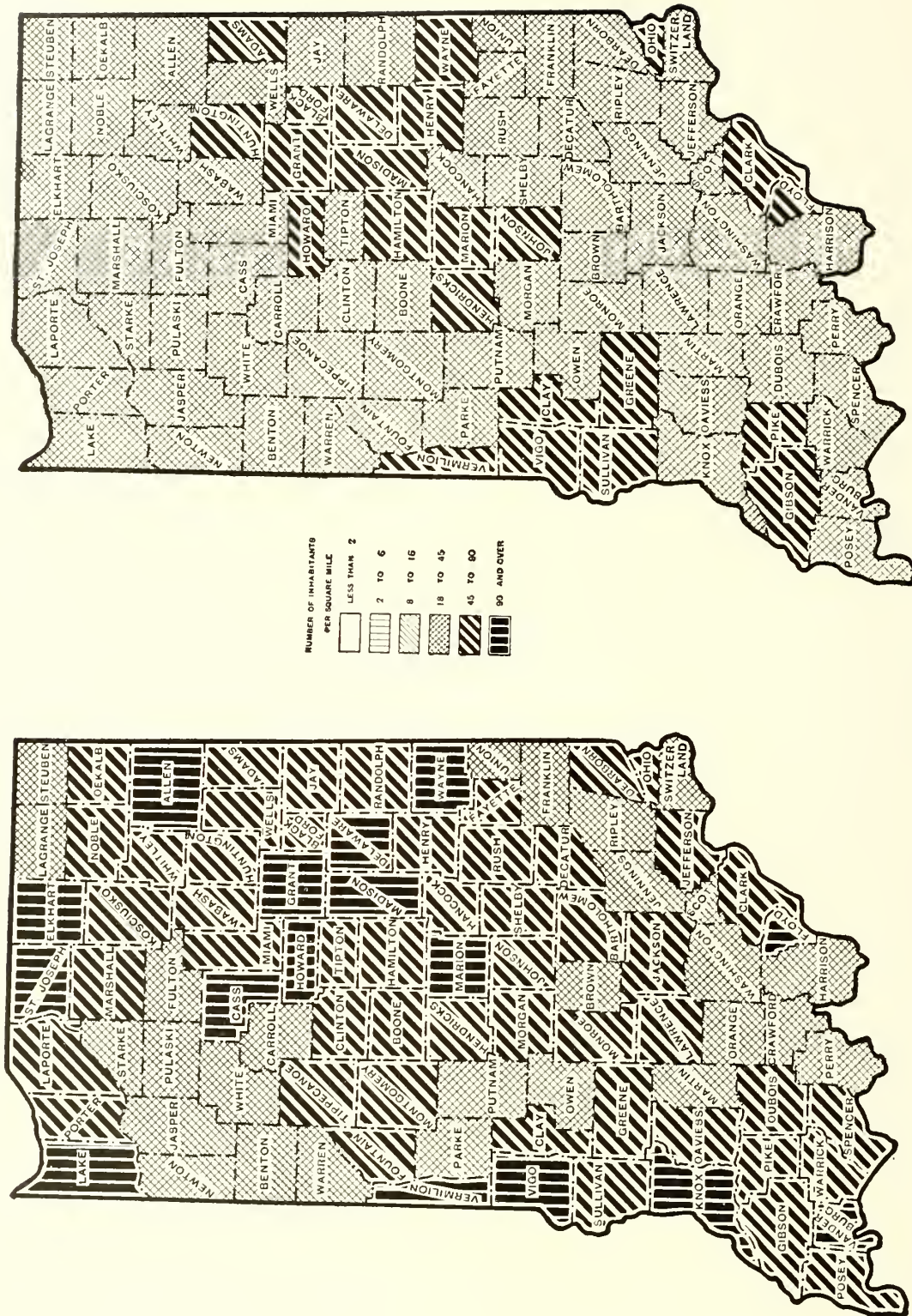


# DENSITY OF POPULATION OF INDIANA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

## RURAL POPULATION.

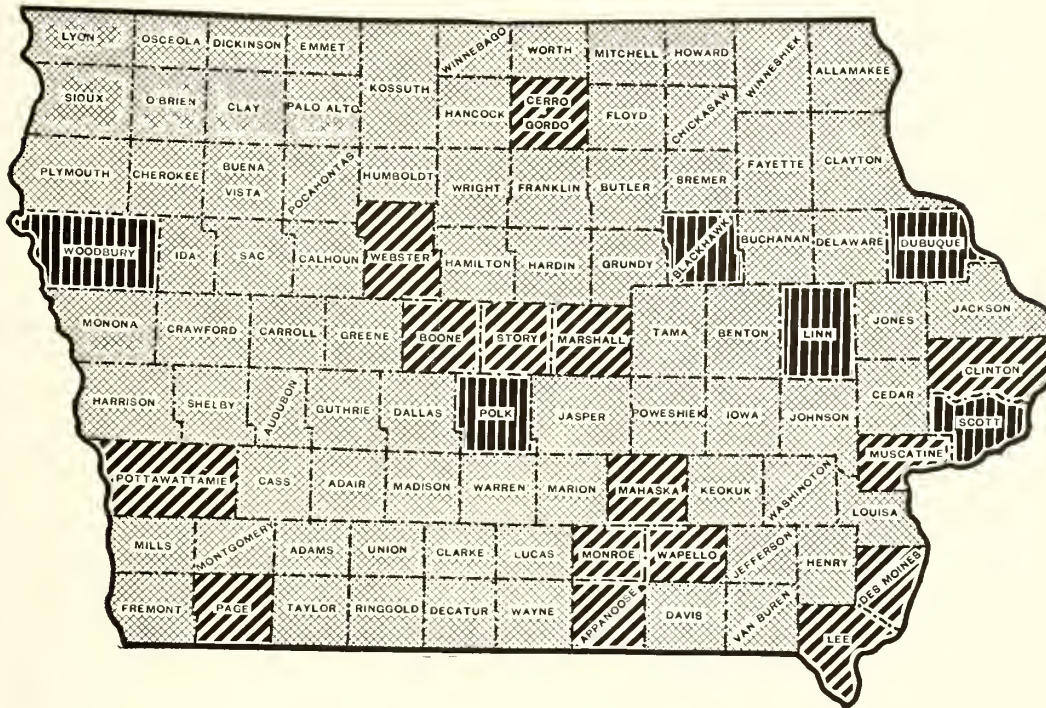




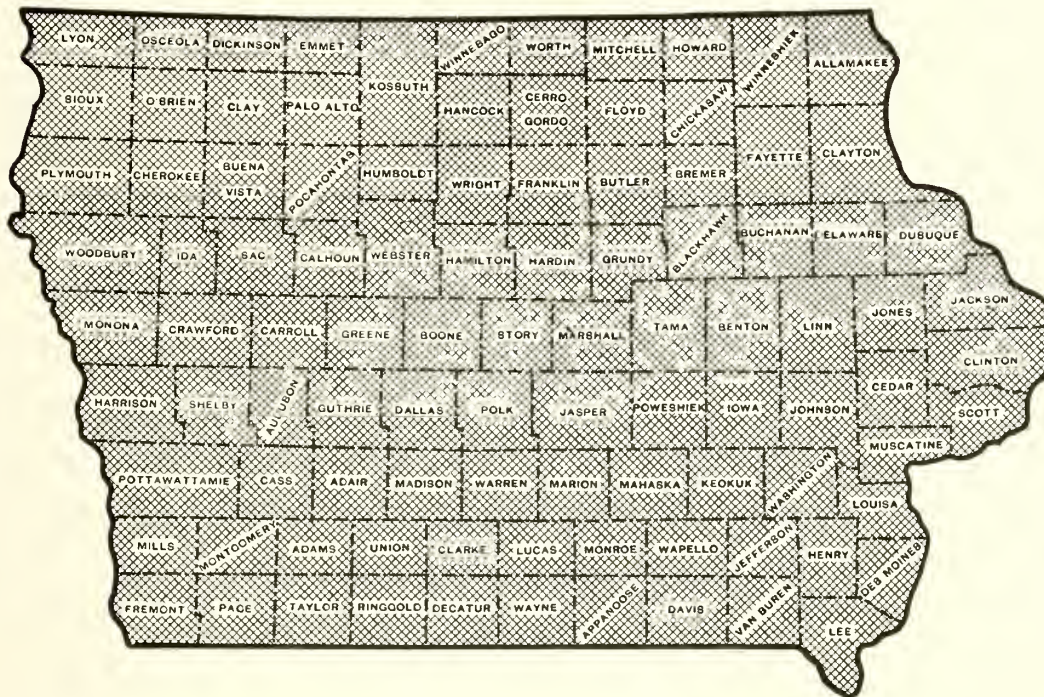
# DENSITY OF POPULATION OF IOWA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

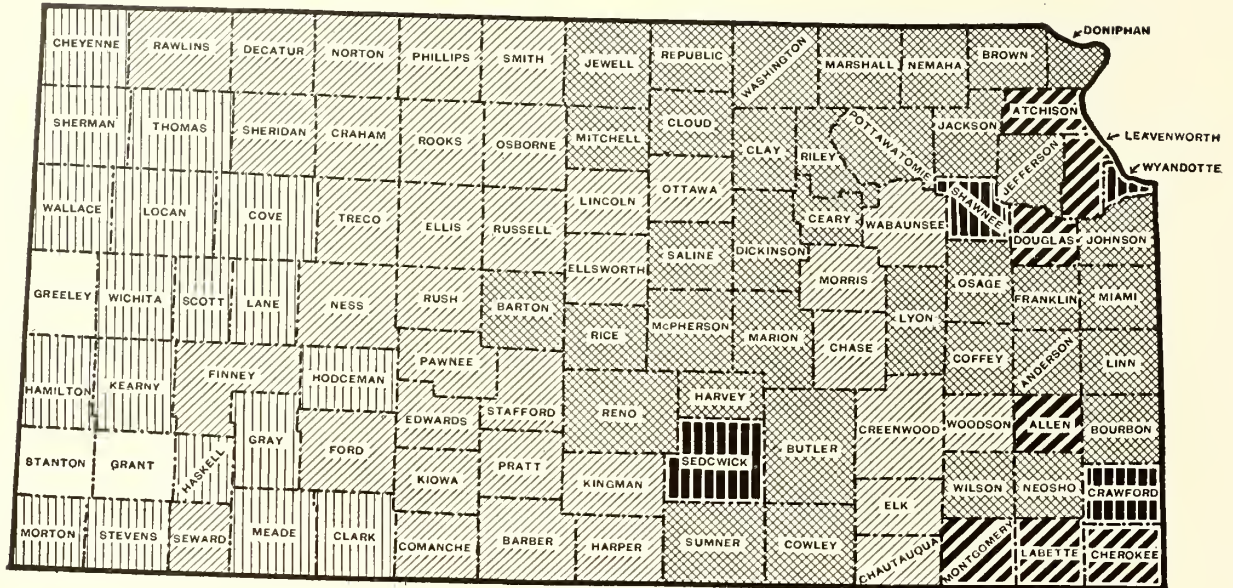




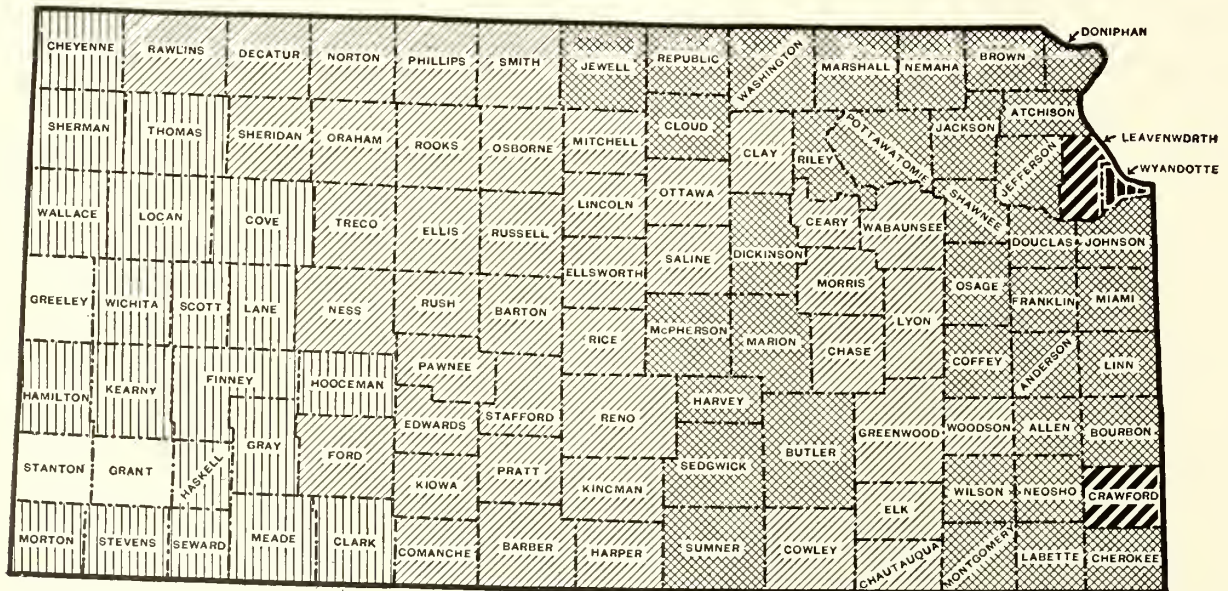
# DENSITY OF POPULATION OF KANSAS, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

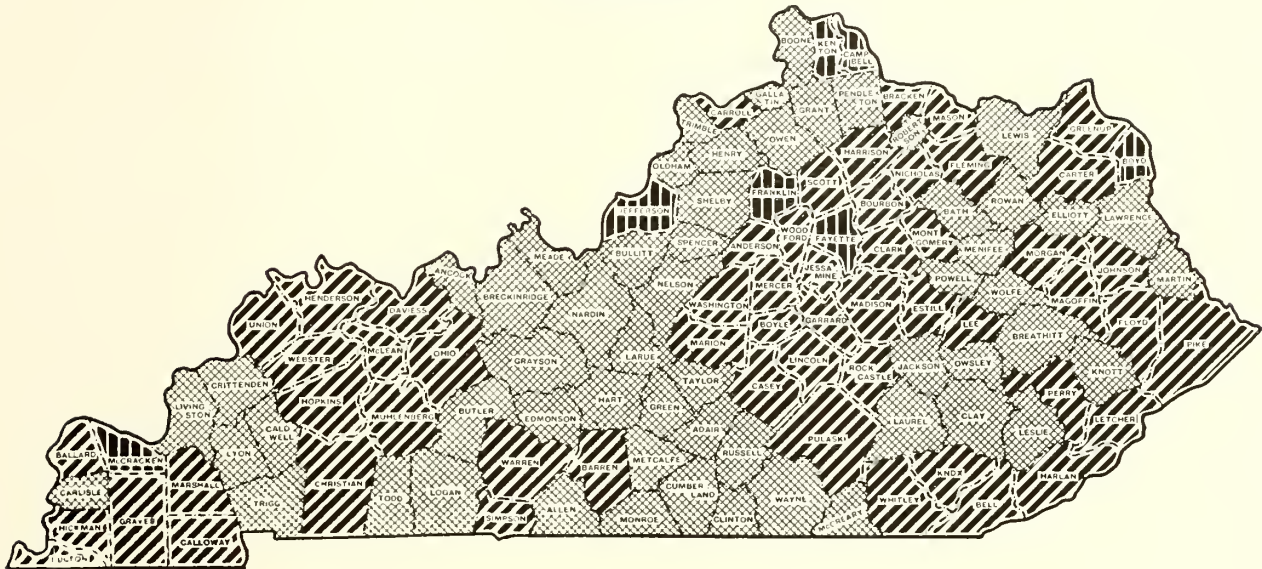




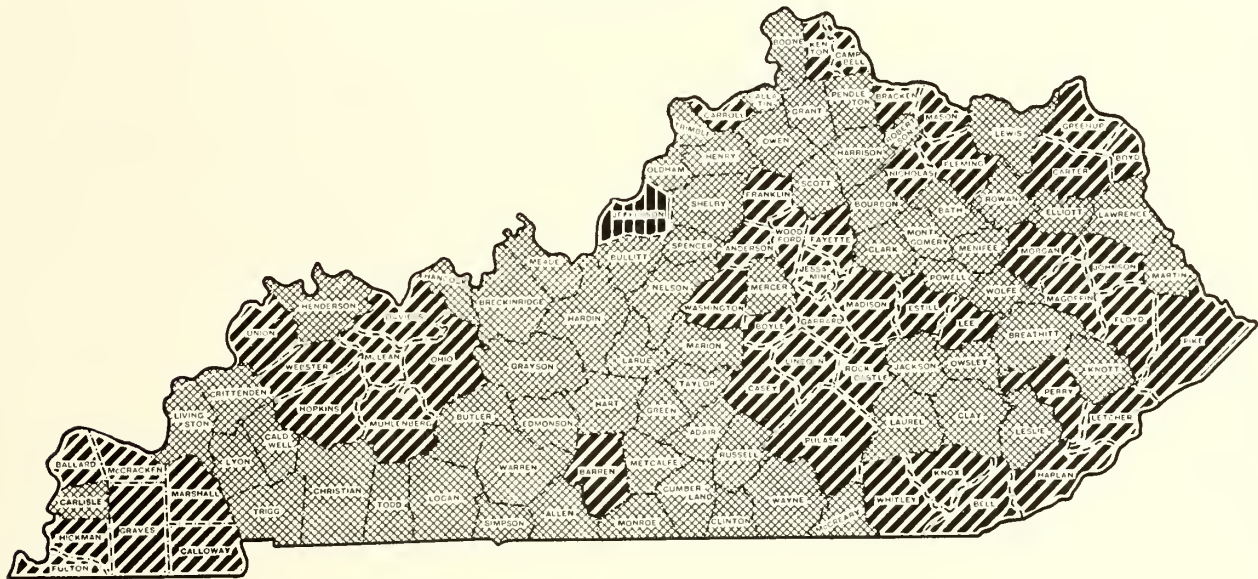
# DENSITY OF POPULATION OF KENTUCKY, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

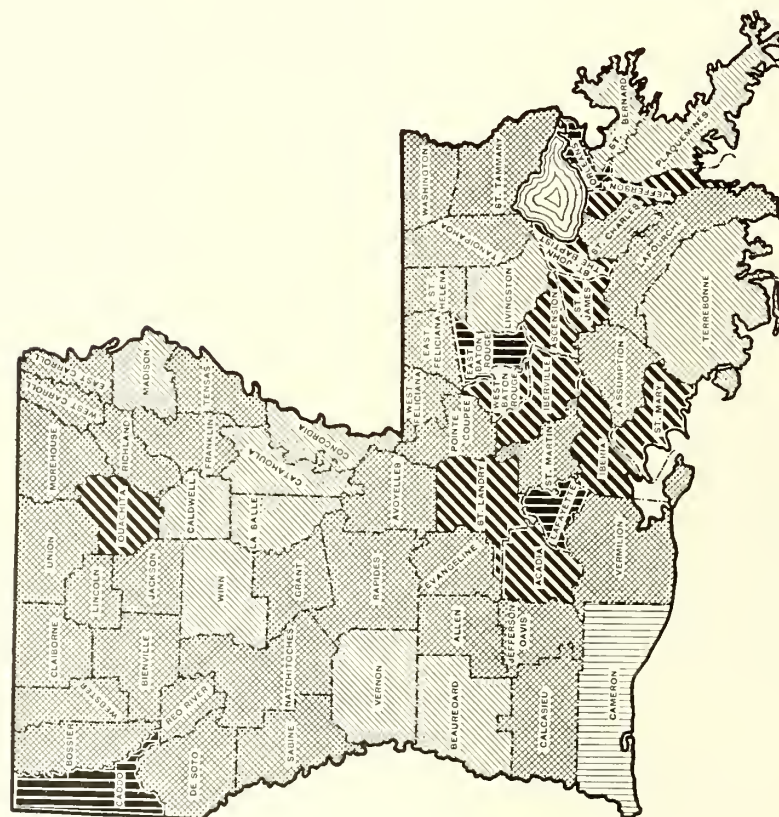




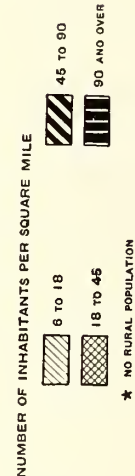
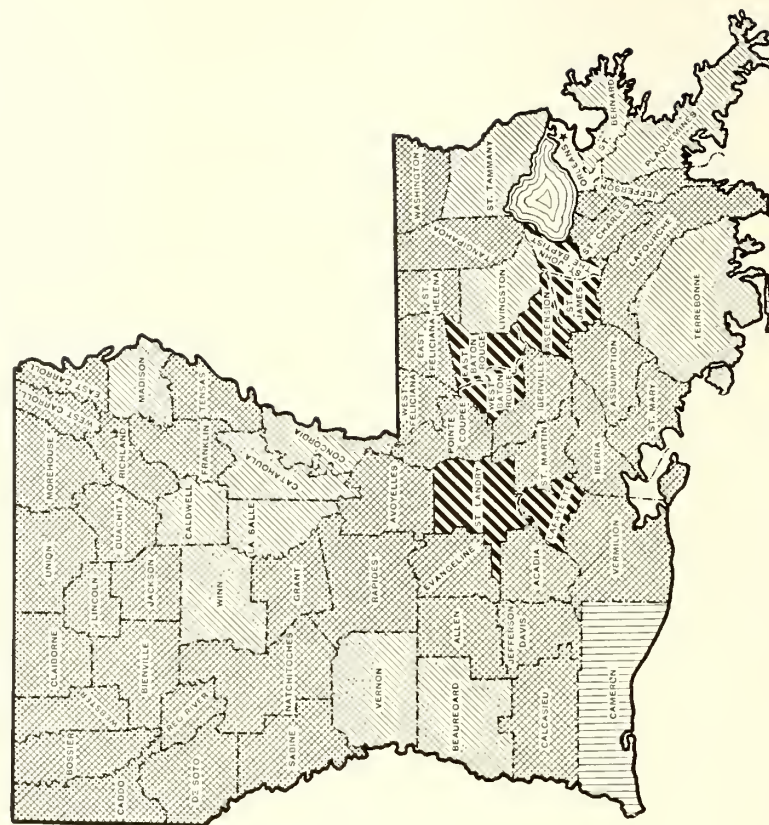
# DENSITY OF POPULATION OF LOUISIANA, BY PARISHES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



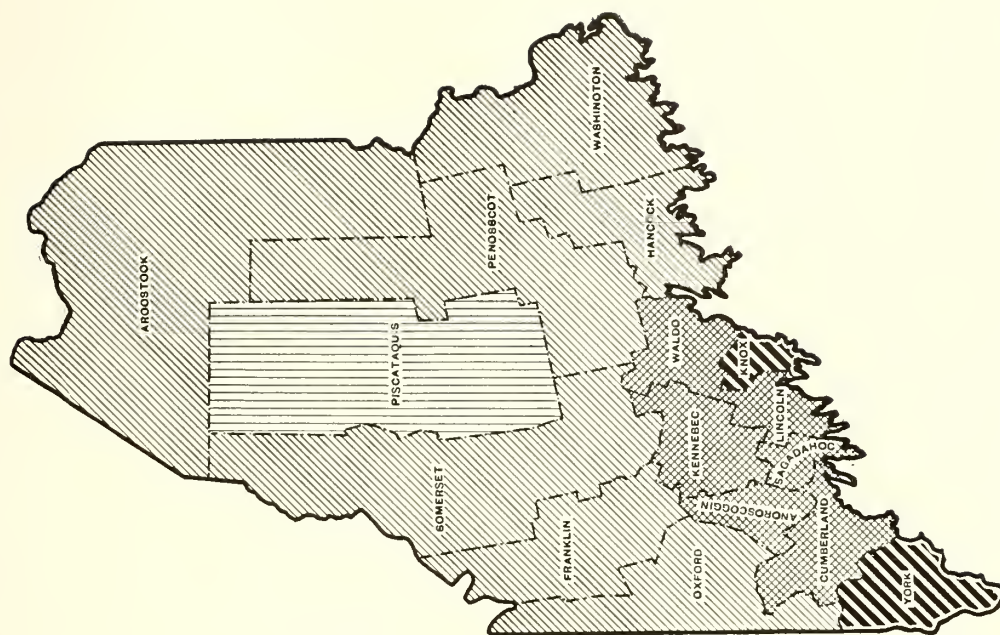
## RURAL POPULATION.



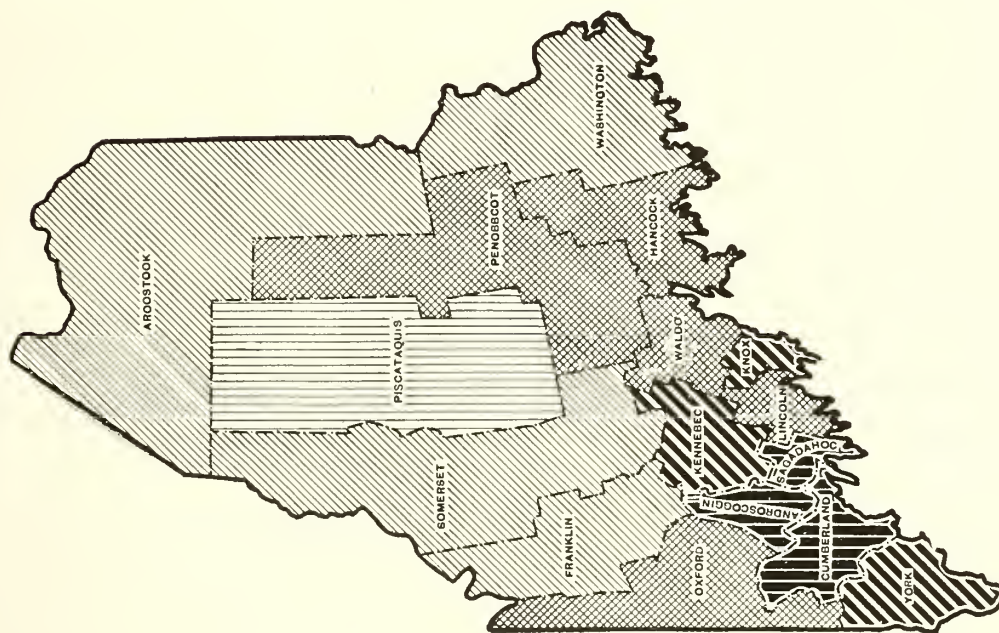
# DENSITY OF POPULATION OF MAINE, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## RURAL POPULATION.



## TOTAL POPULATION.

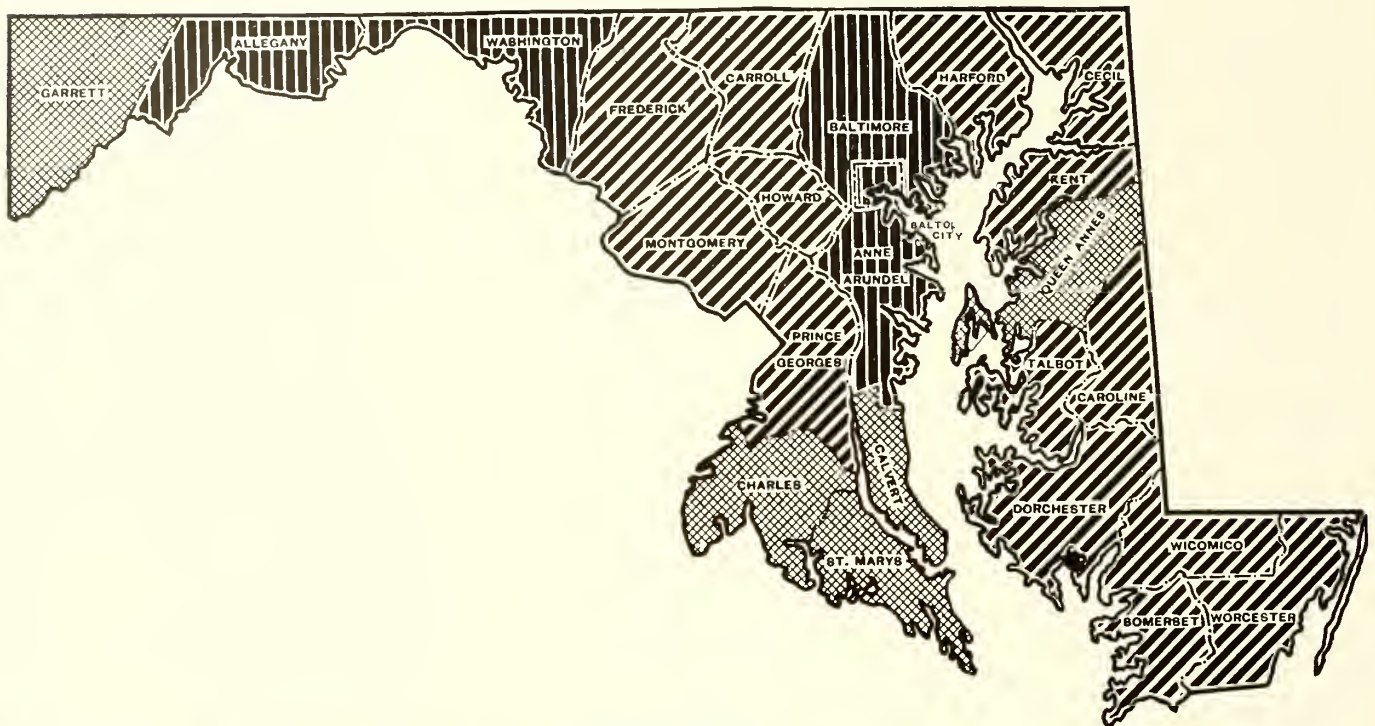




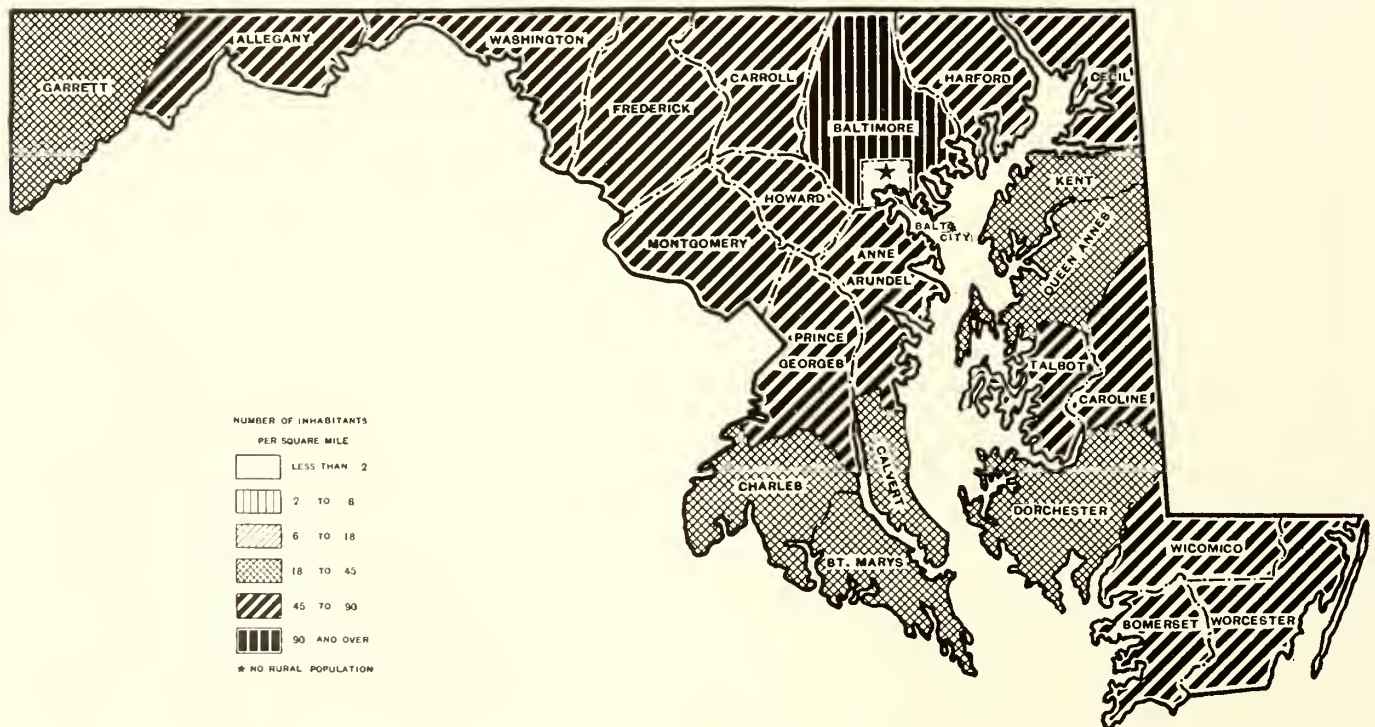
# DENSITY OF POPULATION OF MARYLAND, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

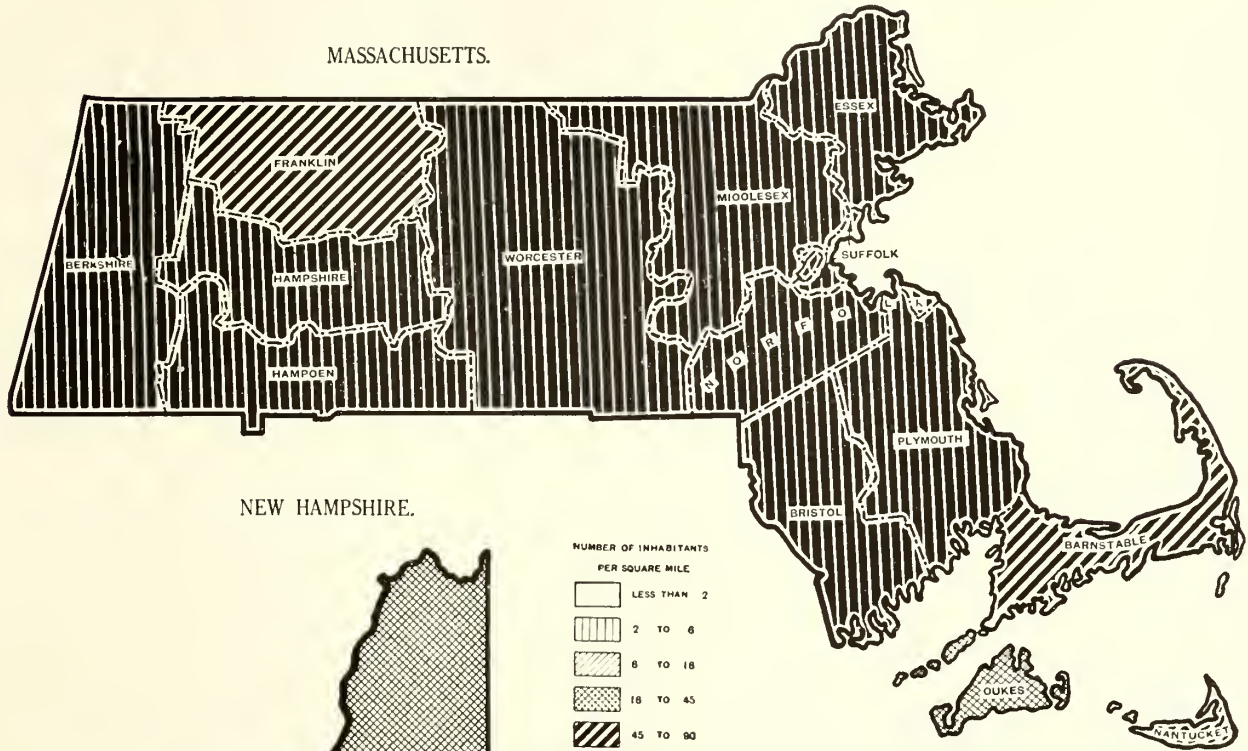


## RURAL POPULATION.

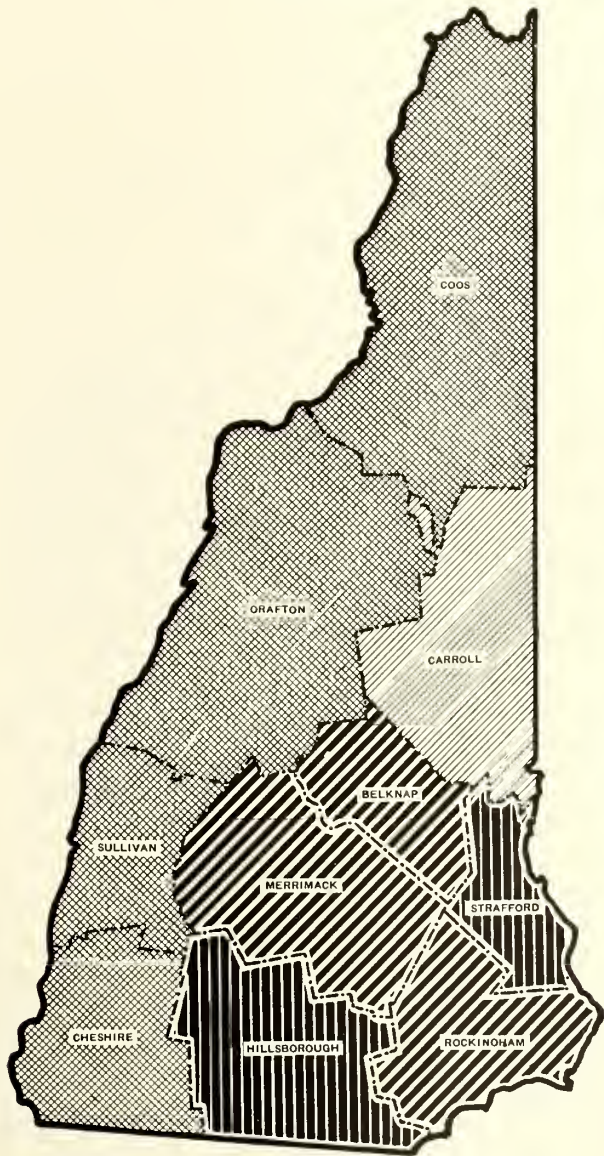
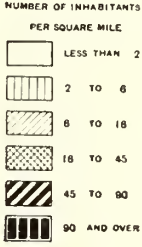


\* DENSITY OF TOTAL POPULATION OF MASSACHUSETTS, NEW HAMPSHIRE, AND RHODE ISLAND, BY COUNTIES: 1920.

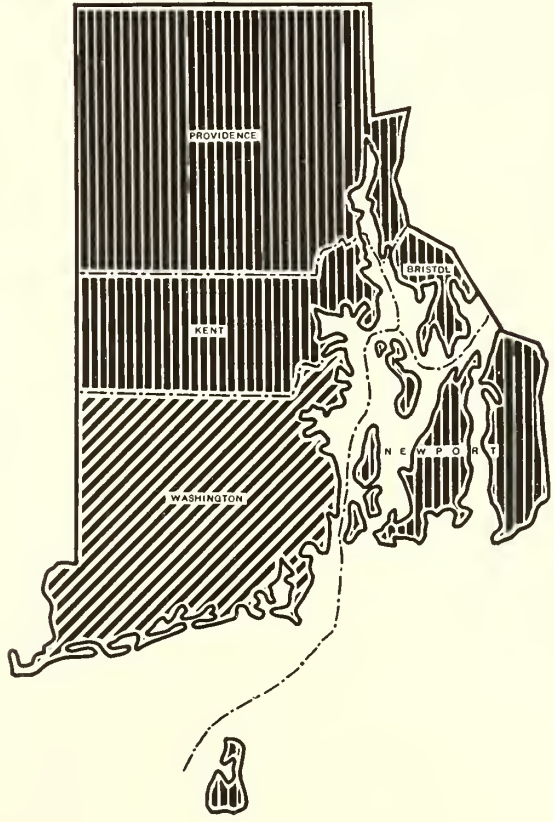
MASSACHUSETTS.



NEW HAMPSHIRE.



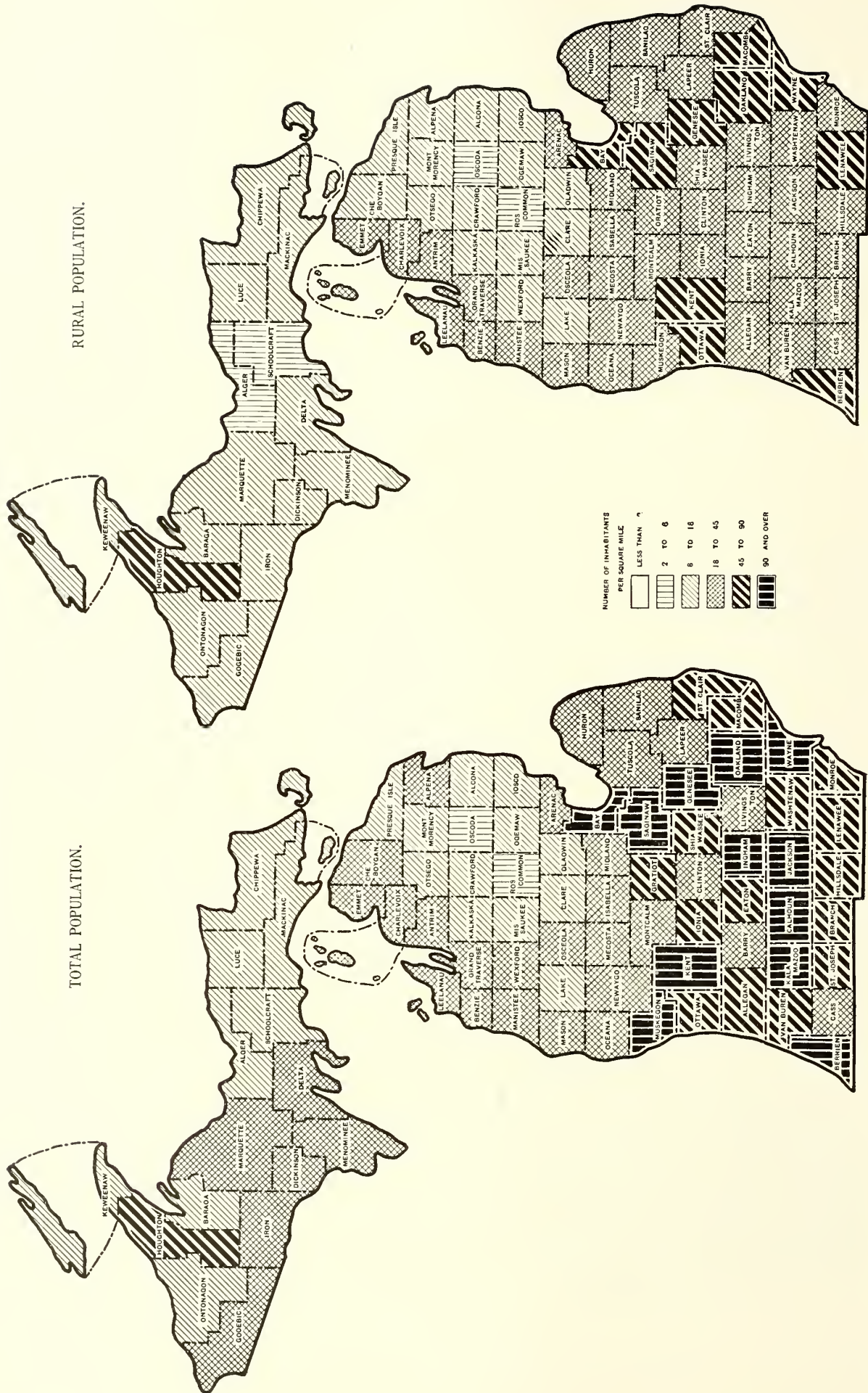
RHODE ISLAND.





DENSITY OF POPULATION OF MICHIGAN, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



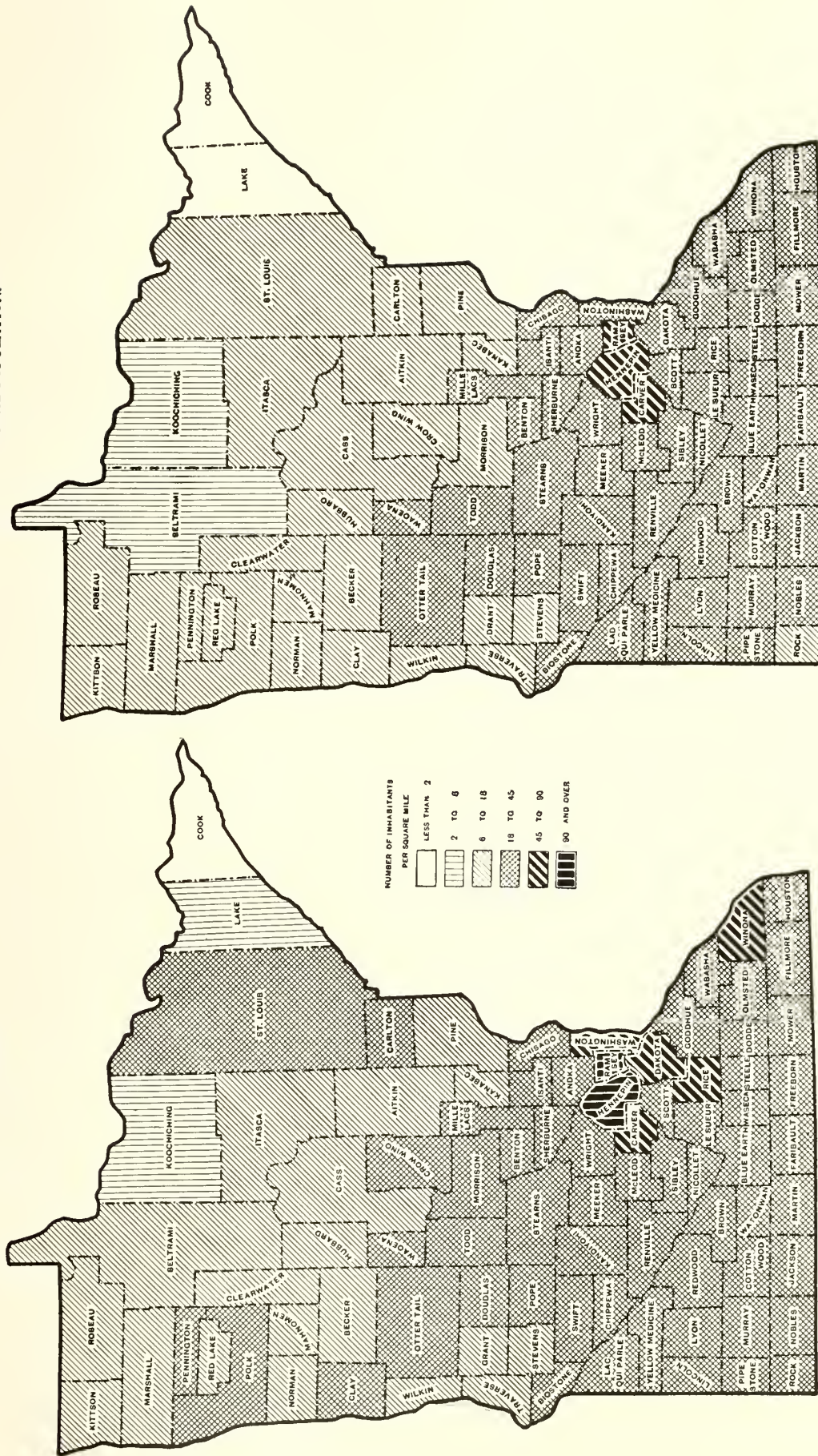


DENSITY OF POPULATION OF MINNESOTA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.



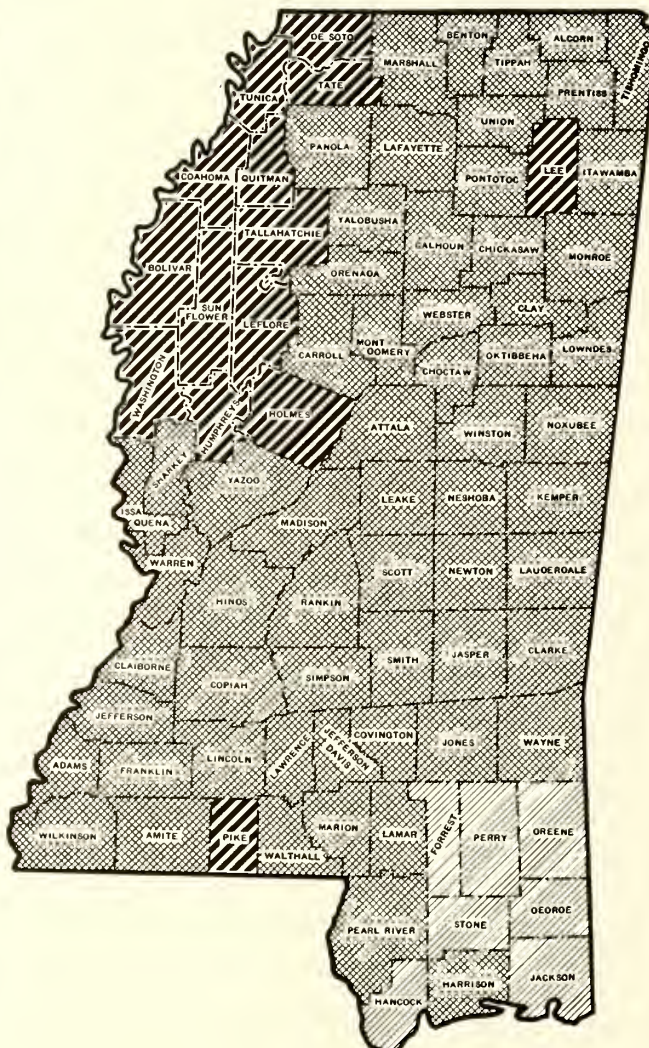
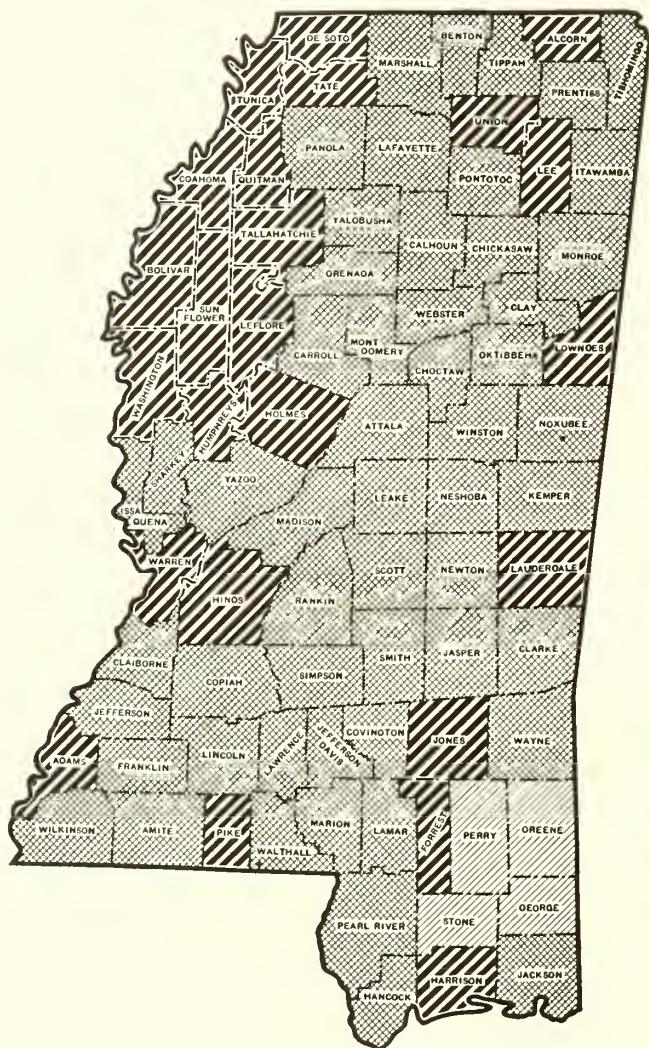


# DENSITY OF POPULATION OF MISSISSIPPI, BY COUNTIES: 1920.

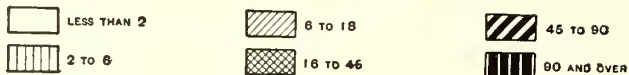
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.



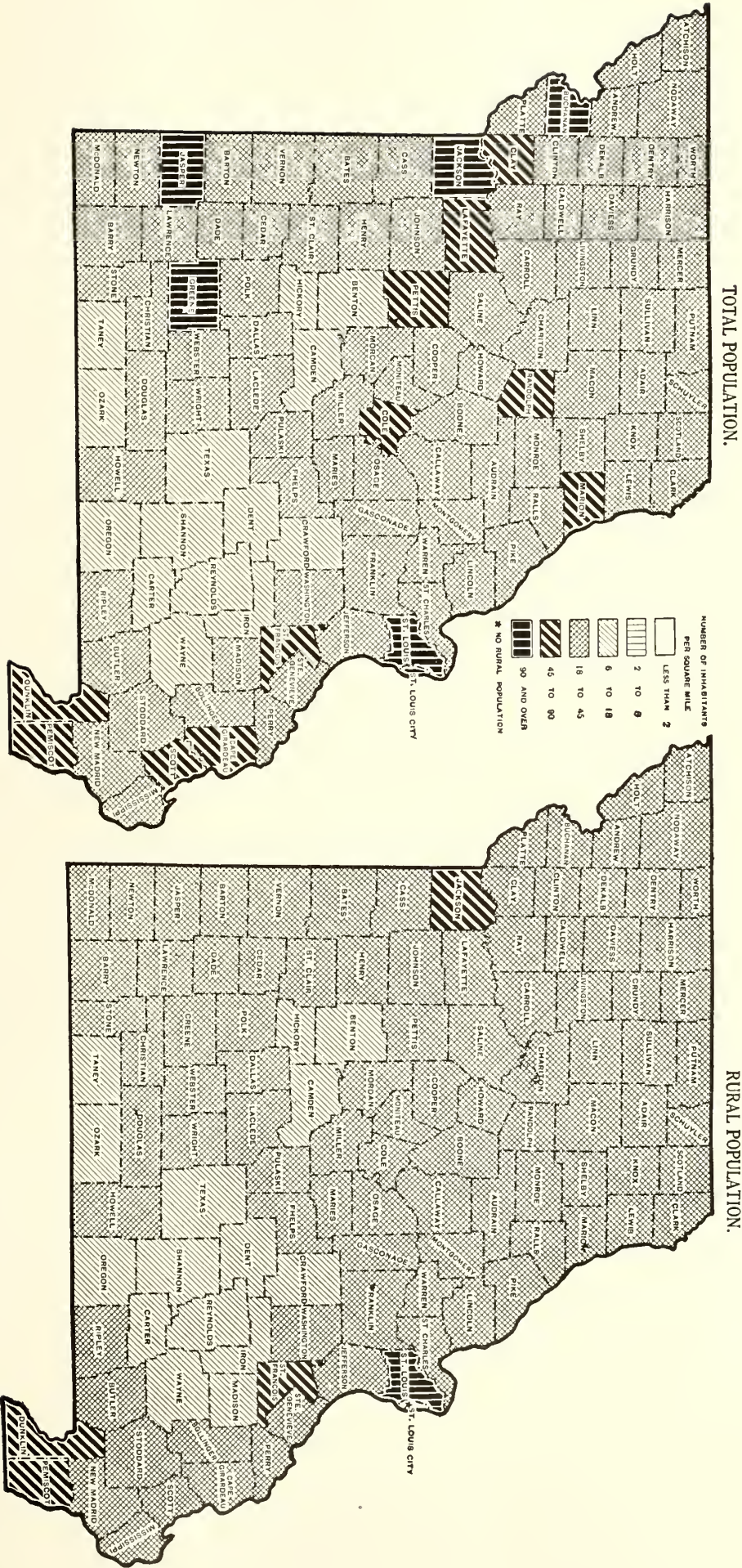
NUMBER OF INHABITANTS PER SQUARE MILE





DENSITY OF POPULATION OF MISSOURI, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

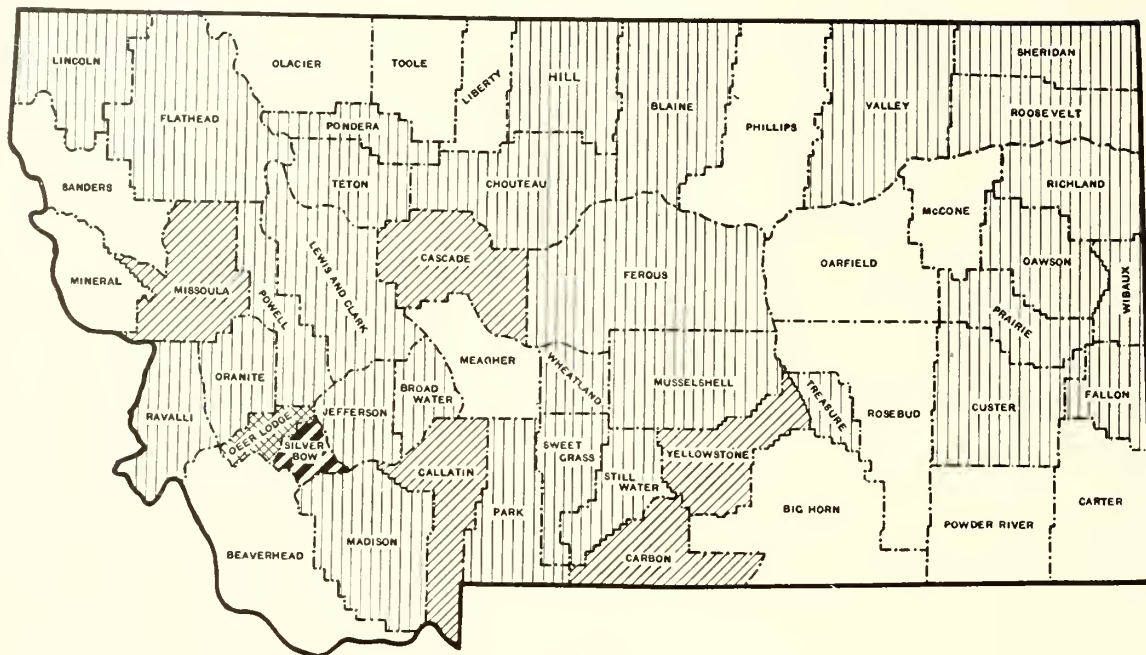




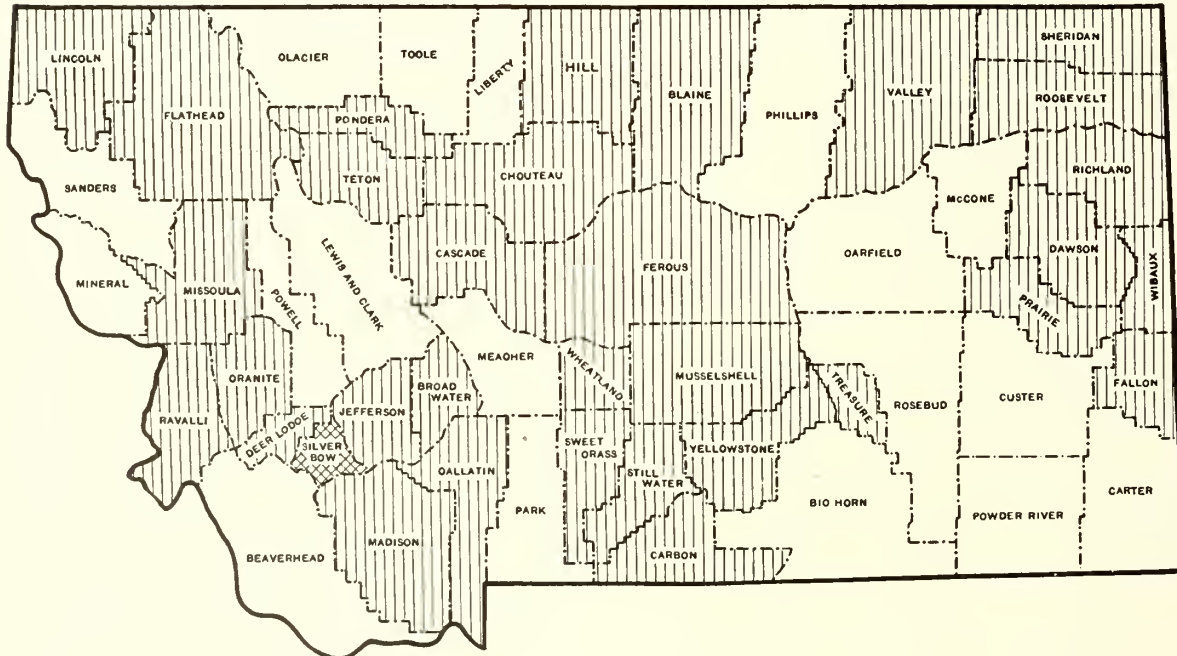
# DENSITY OF POPULATION OF MONTANA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

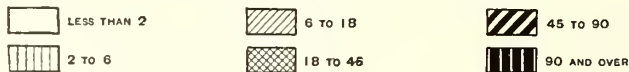
## TOTAL POPULATION.



## RURAL POPULATION.



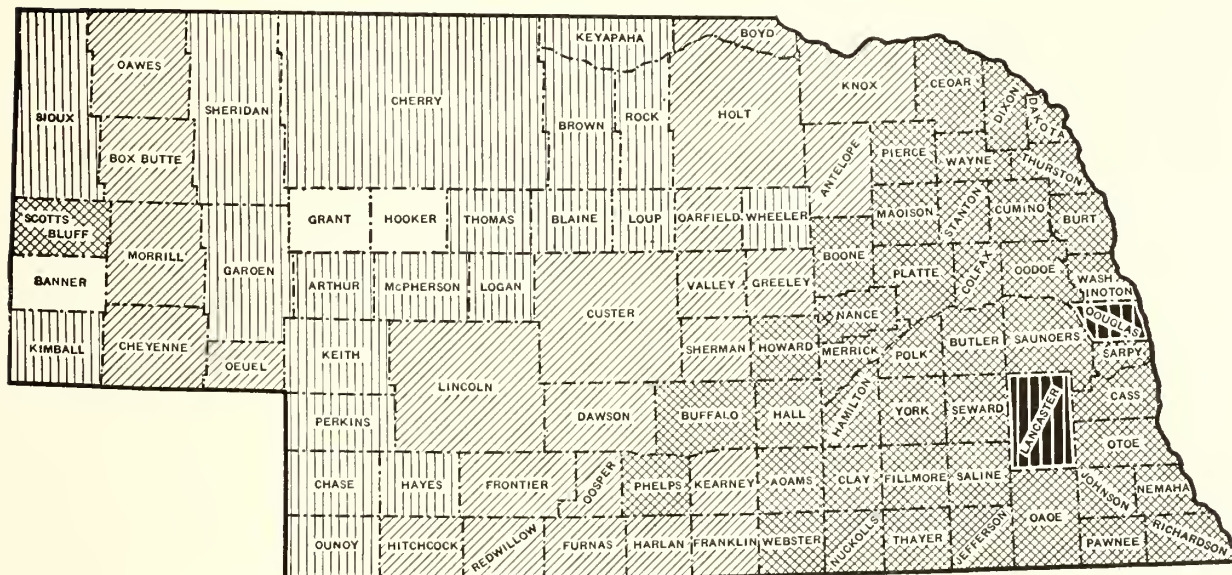
NUMBER OF INHABITANTS PER SQUARE MILE



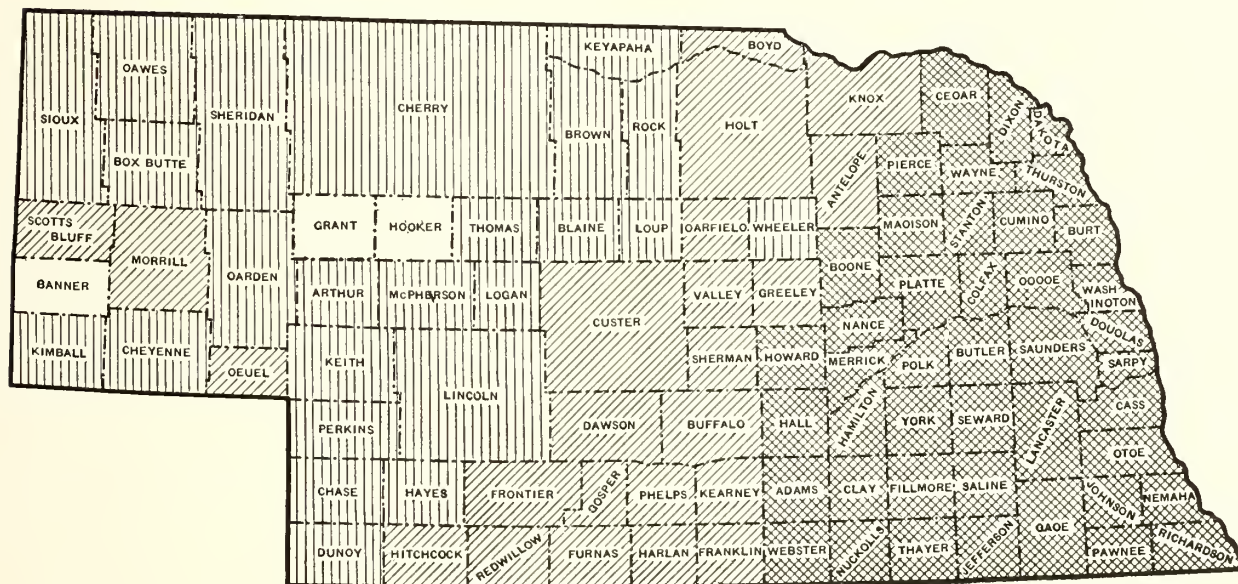
# DENSITY OF POPULATION OF NEBRASKA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

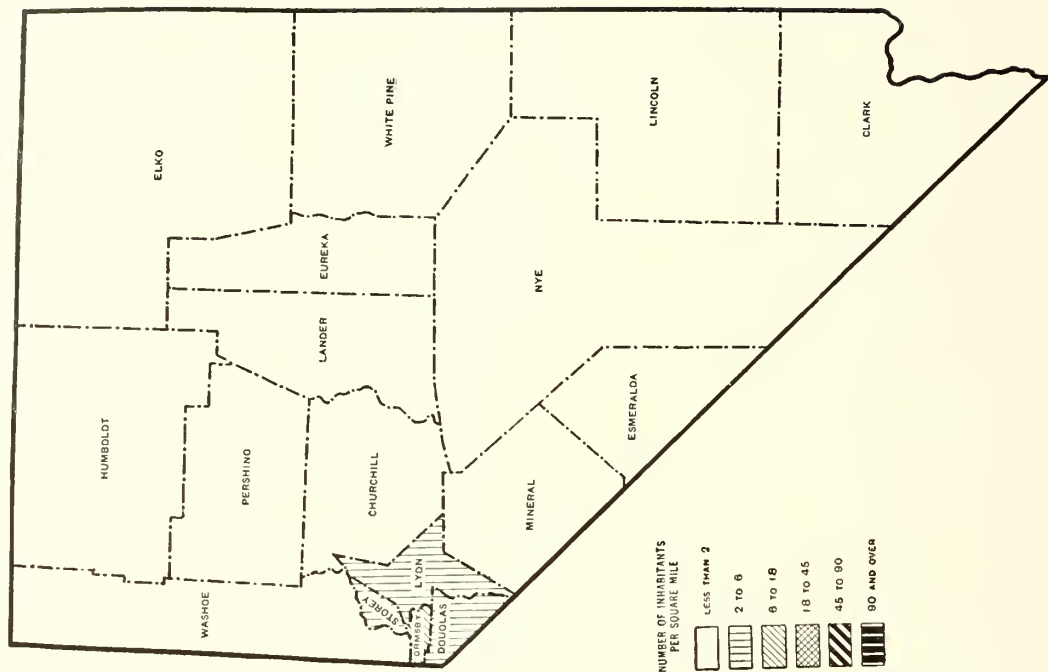
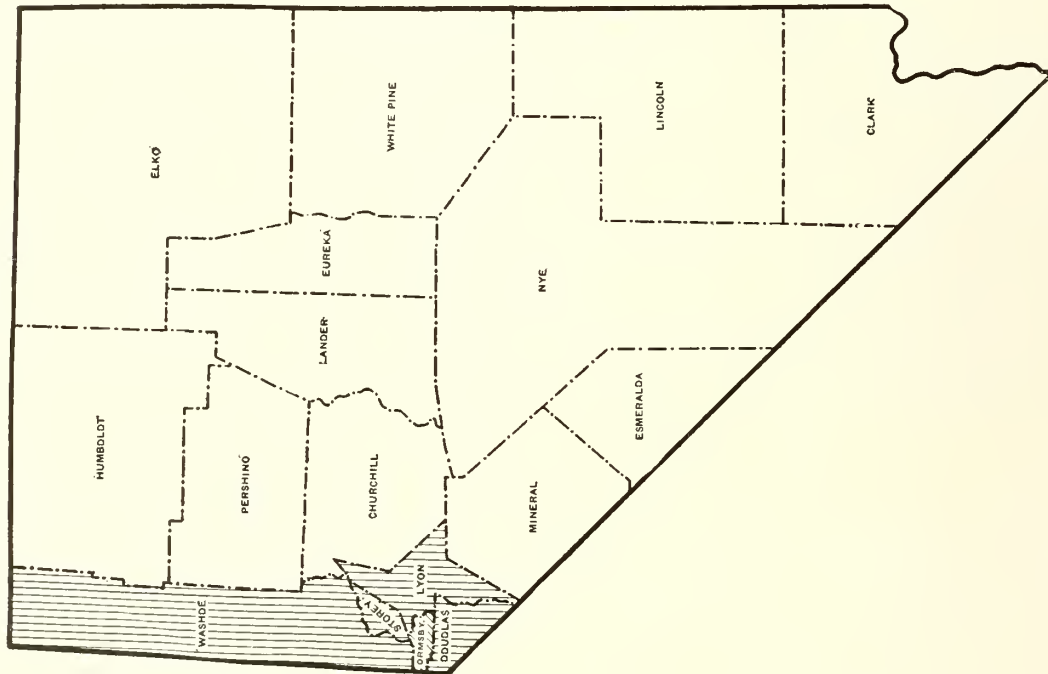




# DENSITY OF POPULATION OF NEVADA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

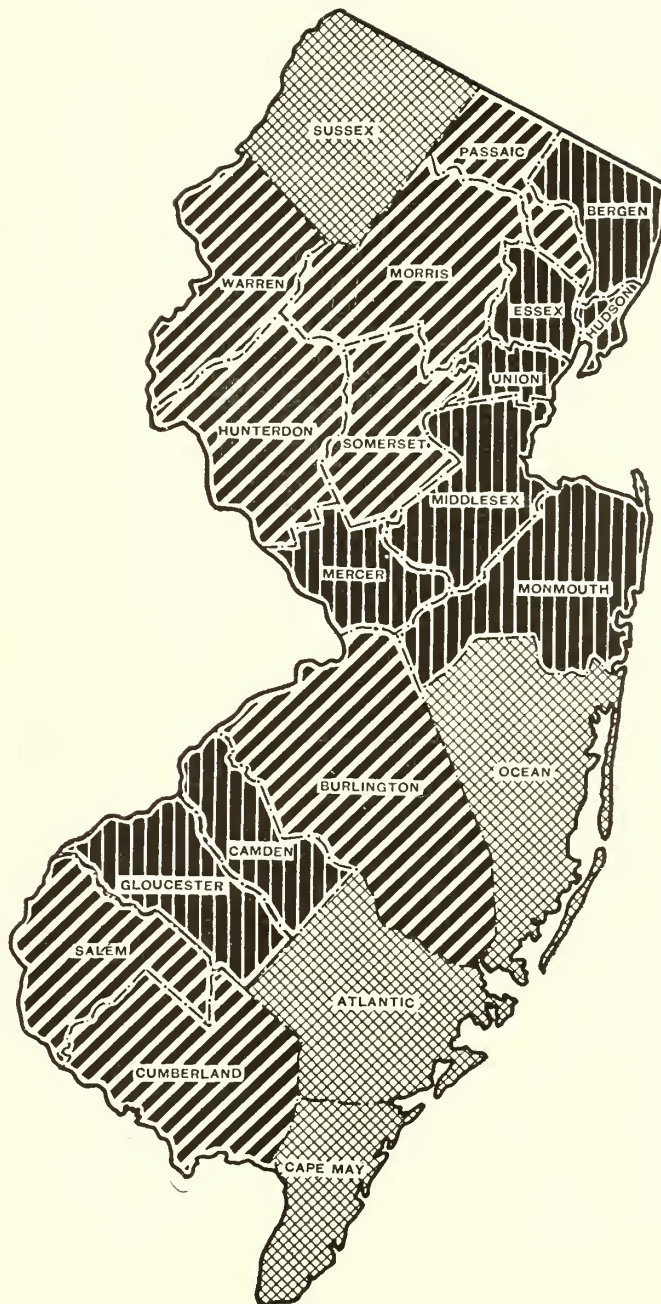
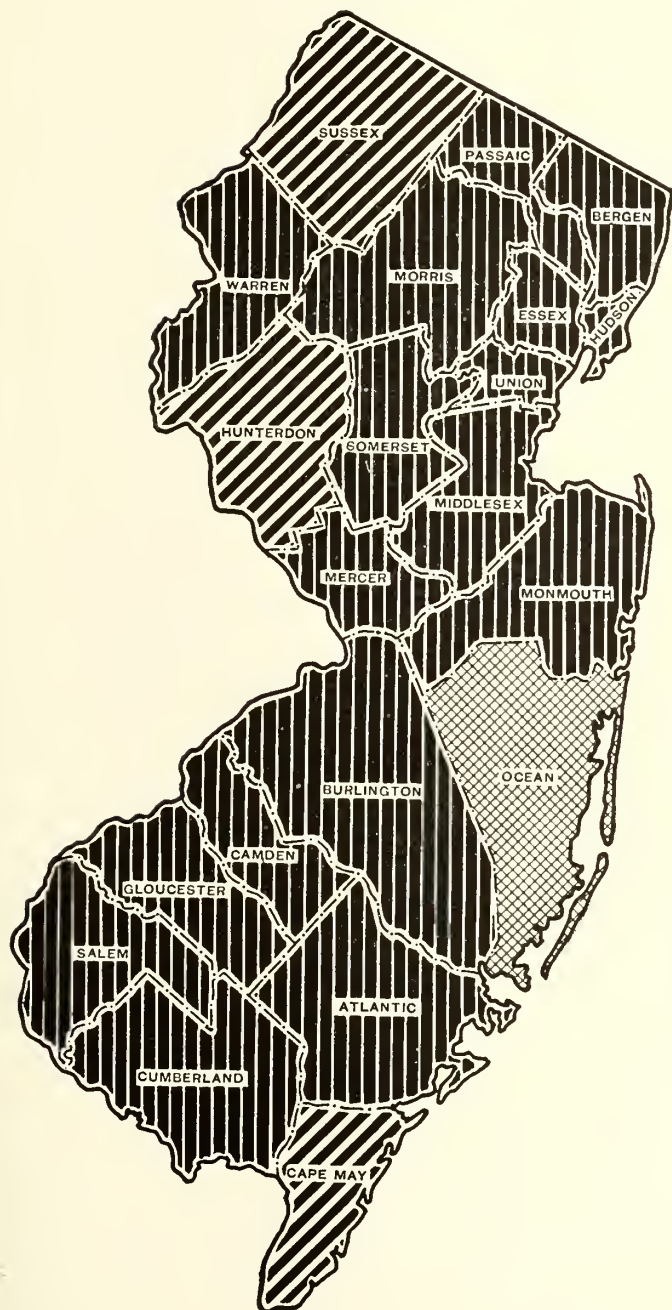


# DENSITY OF POPULATION OF NEW JERSEY, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.

RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

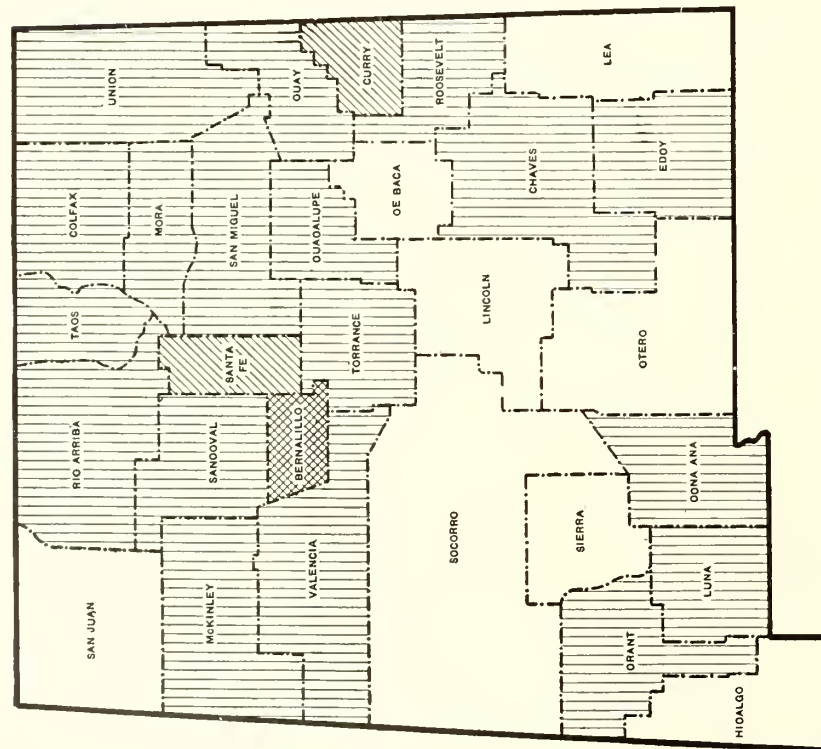




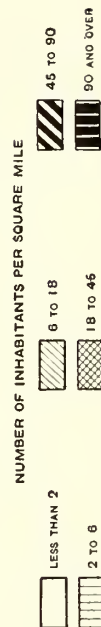
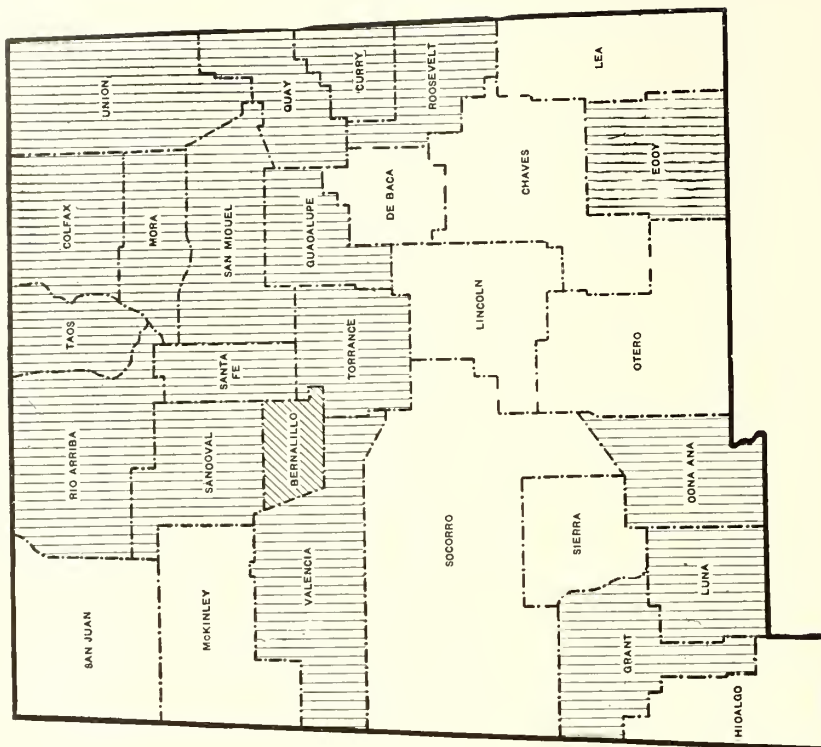
# DENSITY OF POPULATION OF NEW MEXICO, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



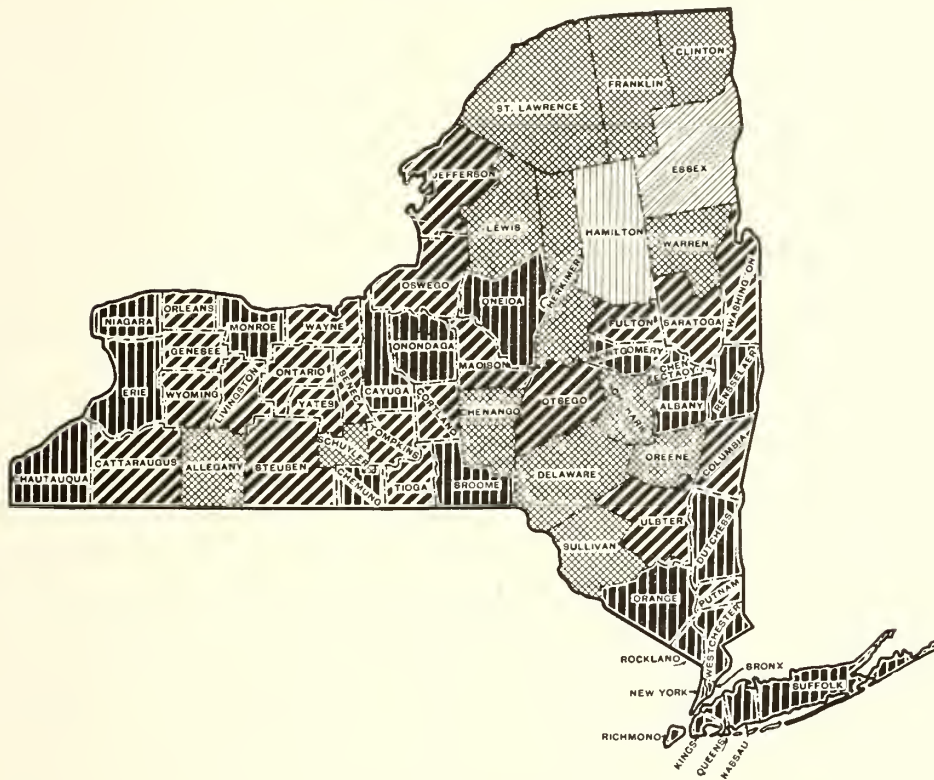
RURAL POPULATION.



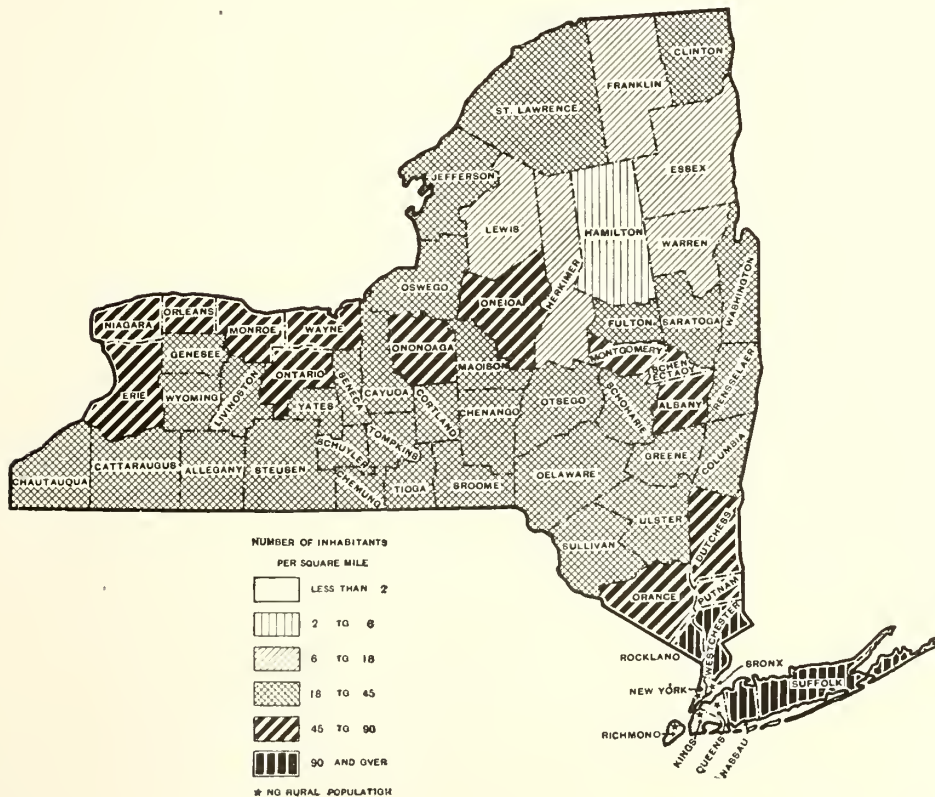
# DENSITY OF POPULATION OF NEW YORK, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more

## TOTAL POPULATION.



## RURAL POPULATION.

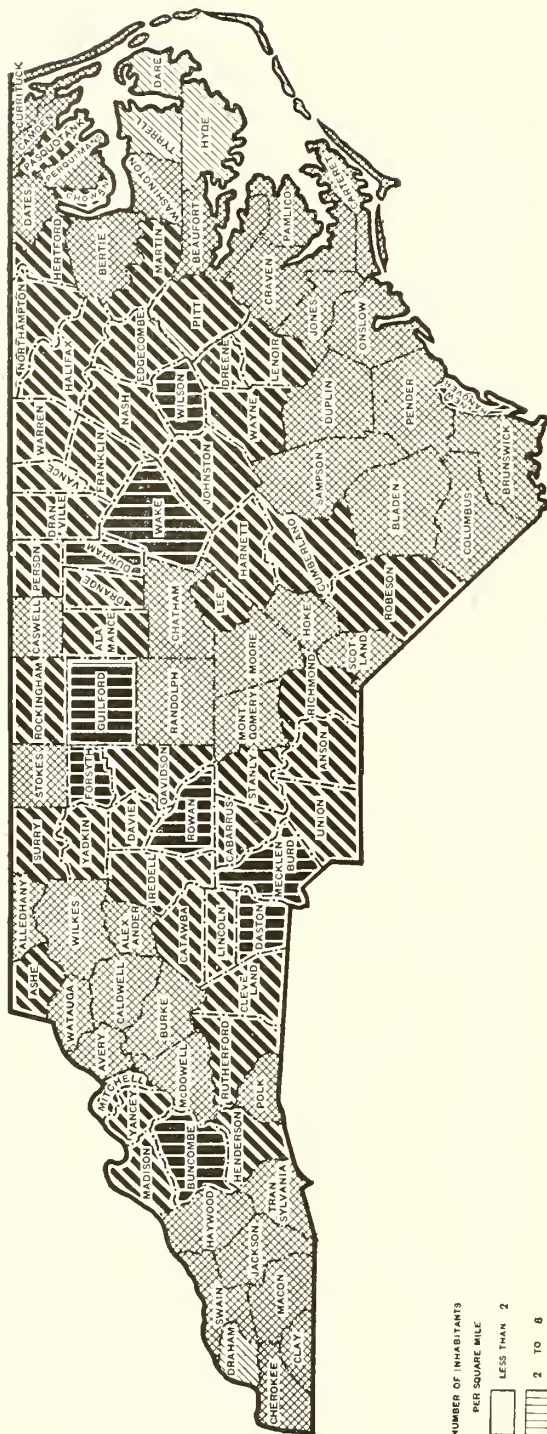




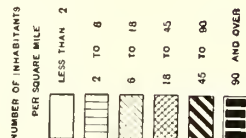
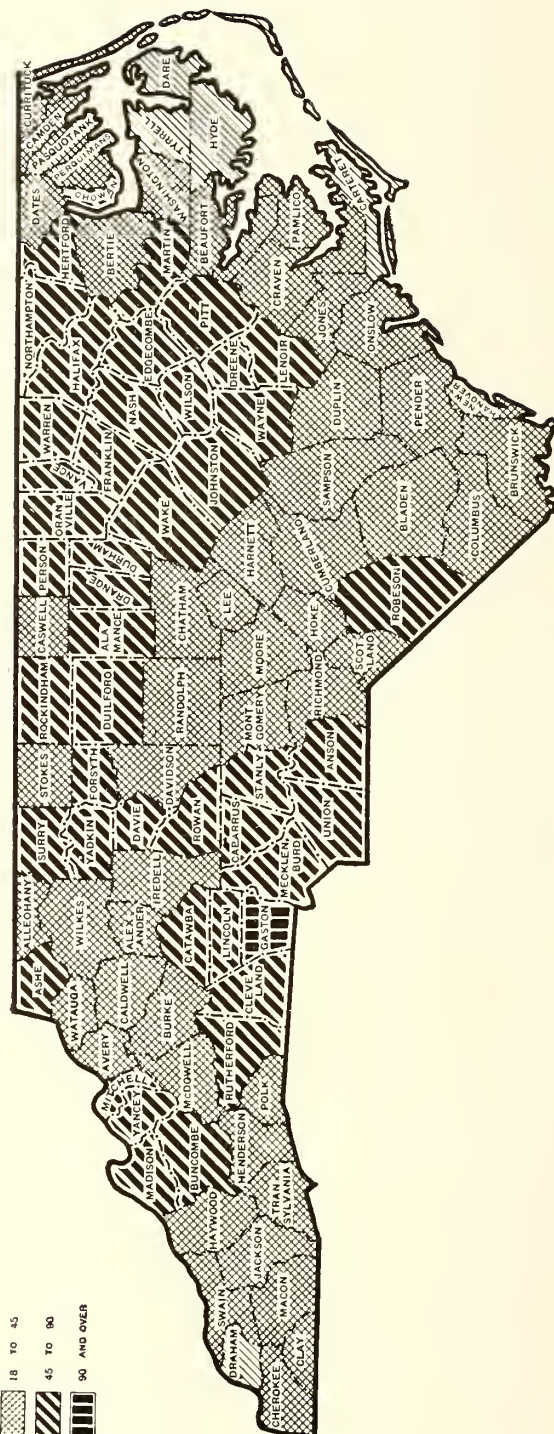
# DENSITY OF POPULATION OF NORTH CAROLINA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

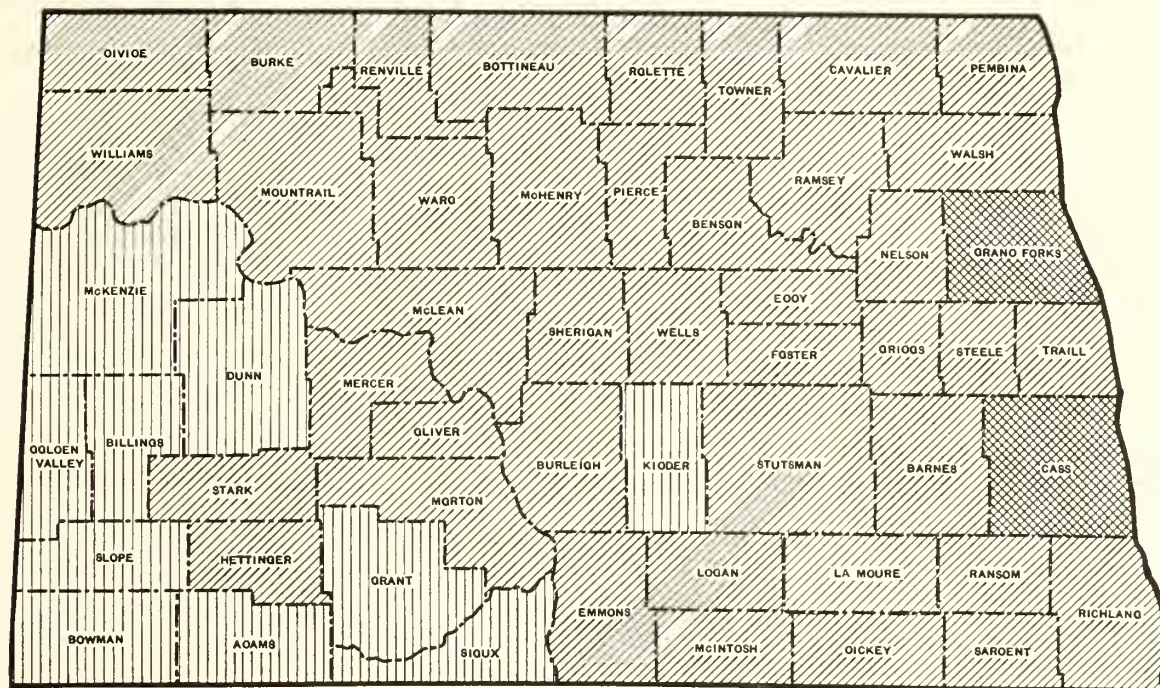




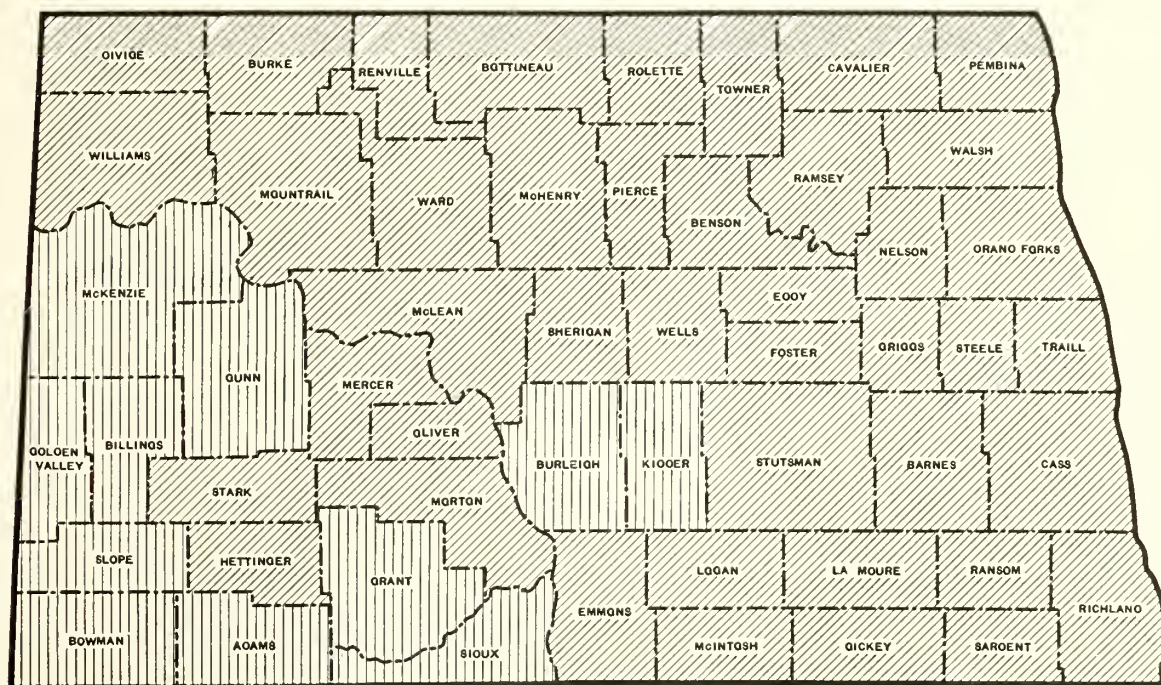
# DENSITY OF POPULATION OF NORTH DAKOTA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

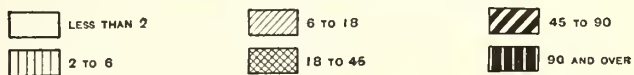
## TOTAL POPULATION.



## RURAL POPULATION.



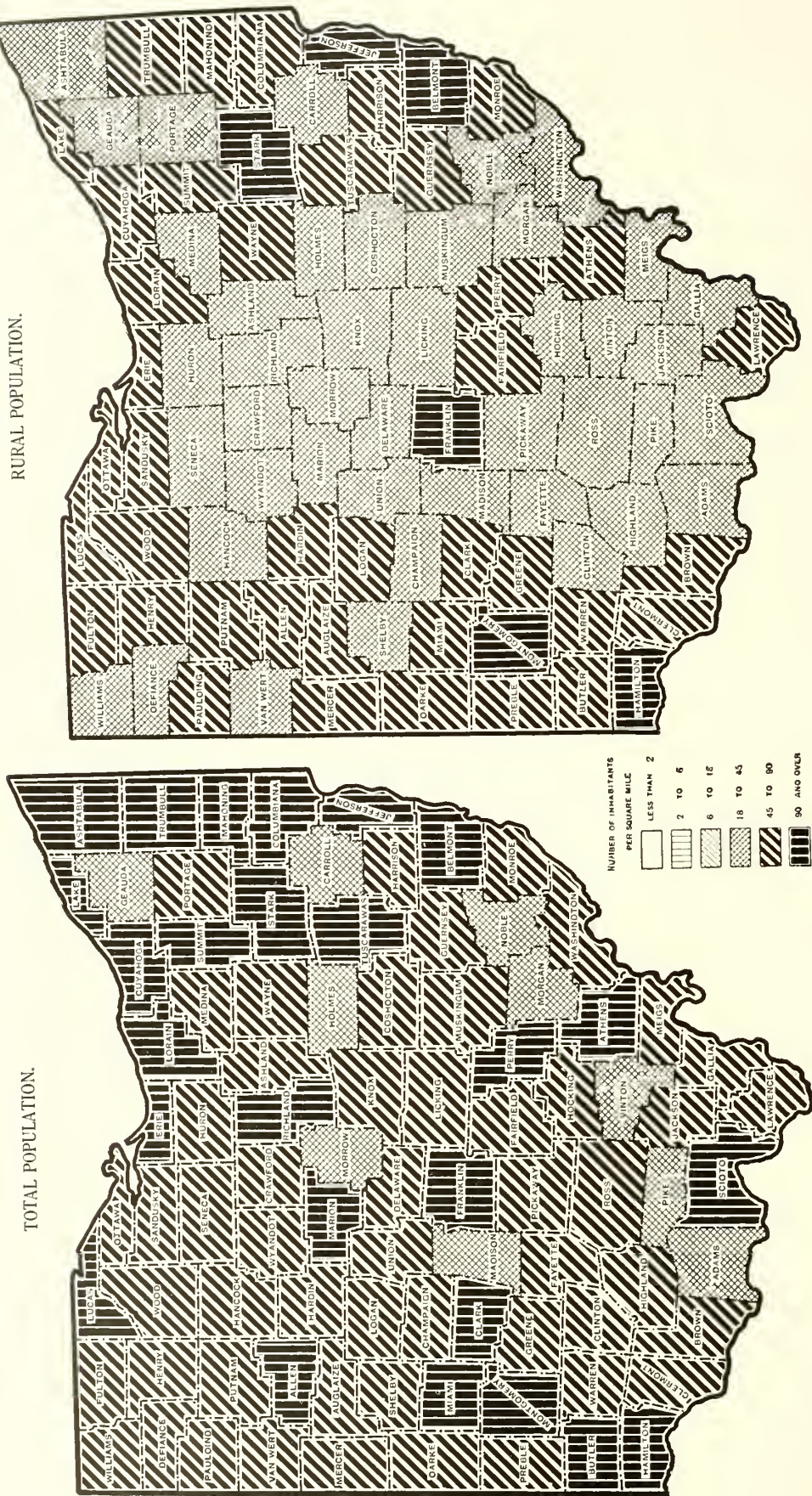
NUMBER OF INHABITANTS PER SQUARE MILE





# DENSITY OF POPULATION OF OHIO, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



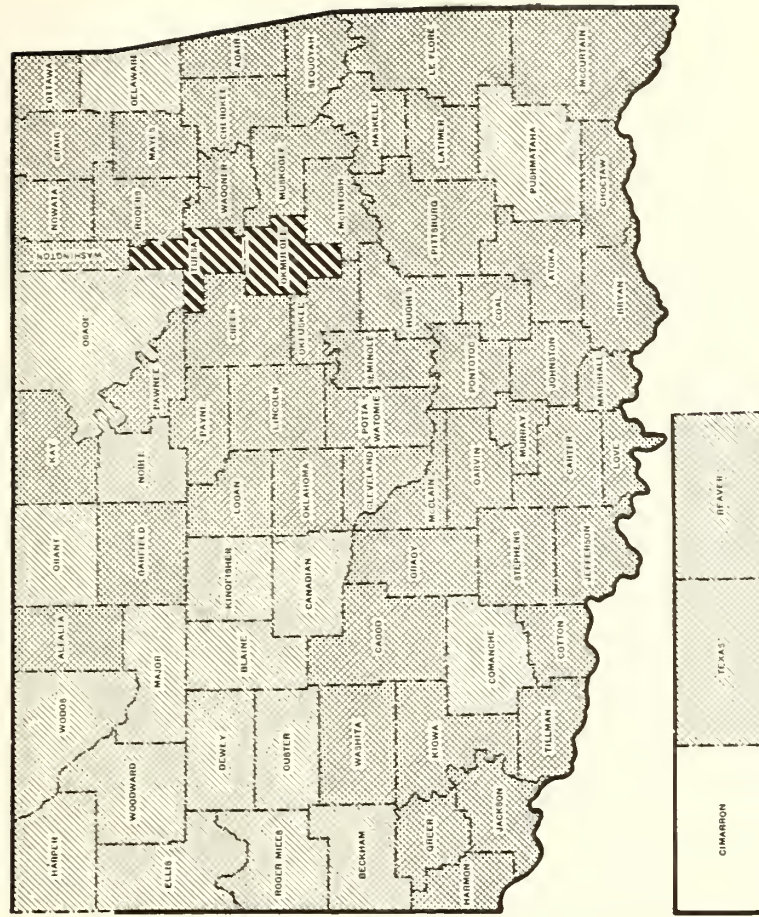
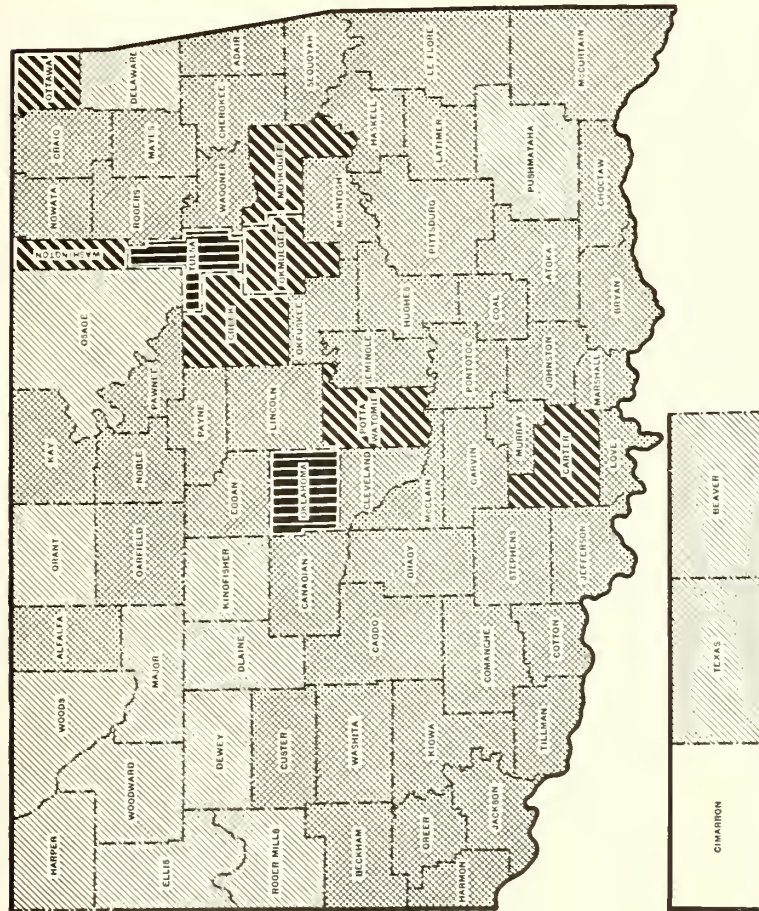


# DENSITY OF POPULATION OF OKLAHOMA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

## RURAL POPULATION.

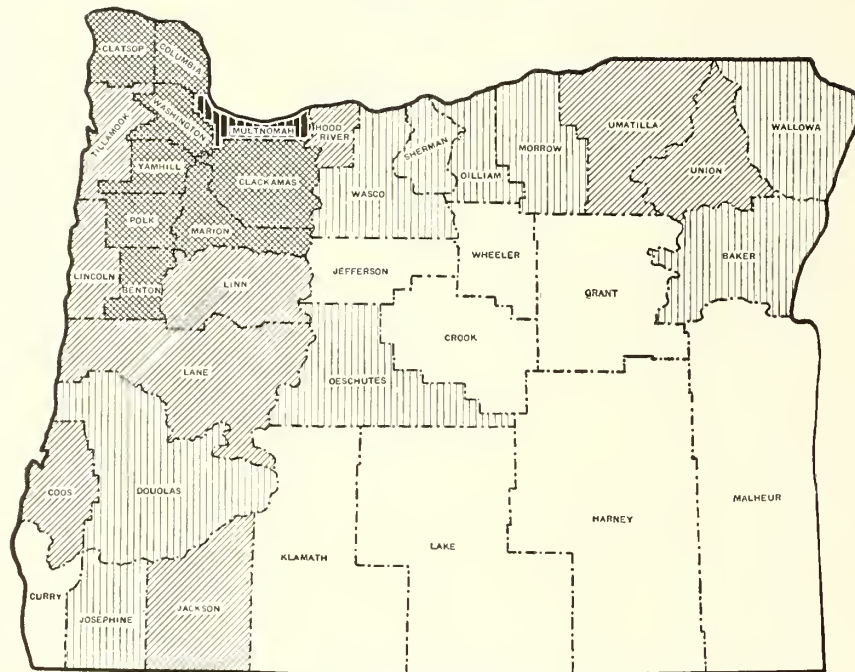




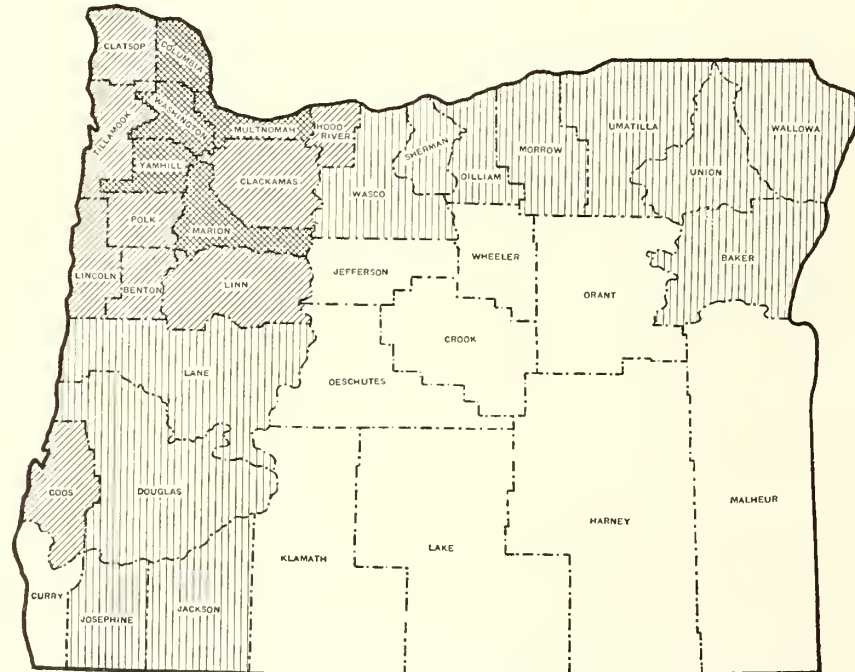
# DENSITY OF POPULATION OF OREGON, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



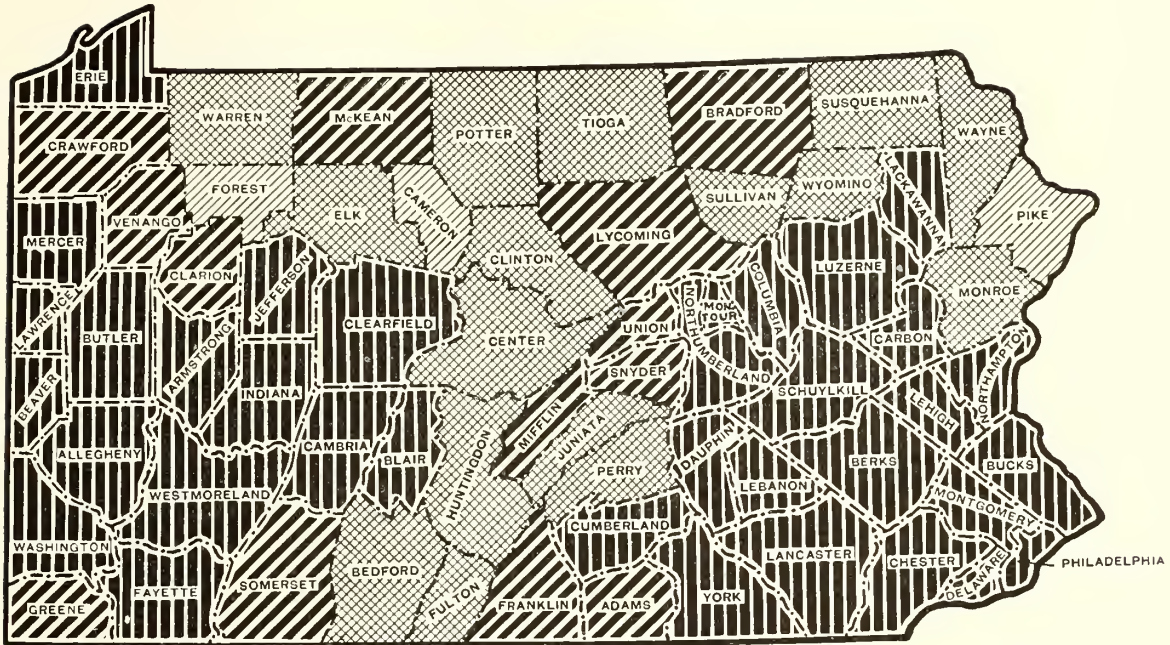
### NUMBER OF INHABITANTS PER SQUARE MILE



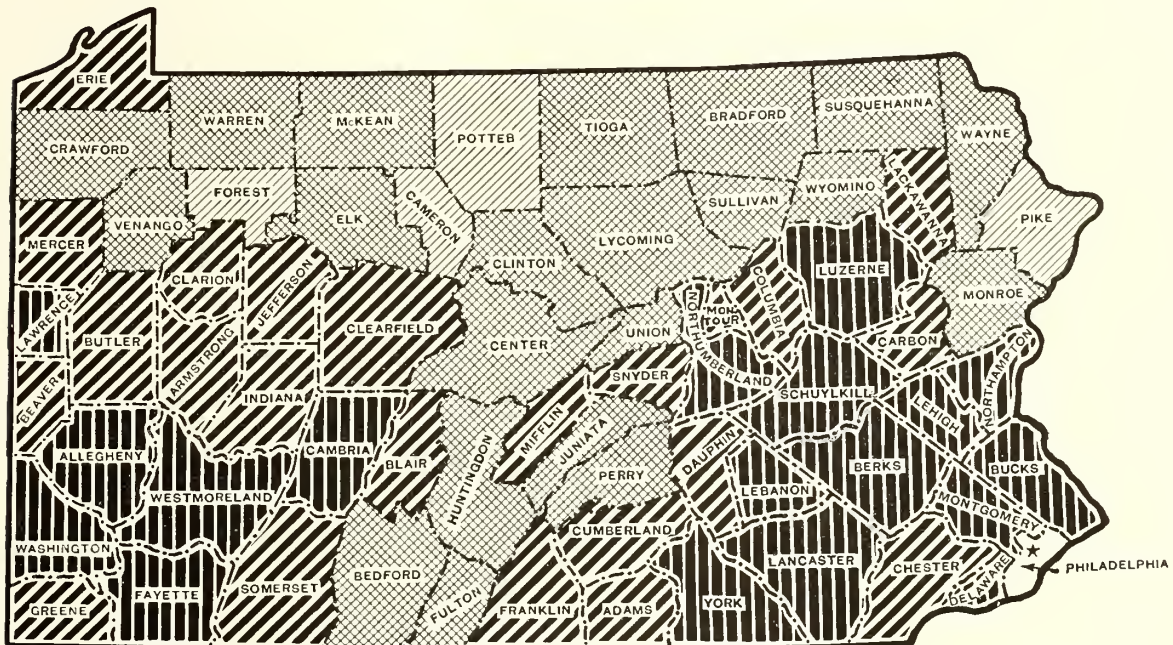
# DENSITY OF POPULATION OF PENNSYLVANIA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

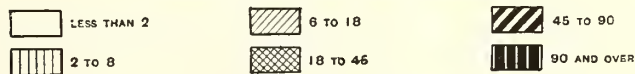
## TOTAL POPULATION.



## RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE



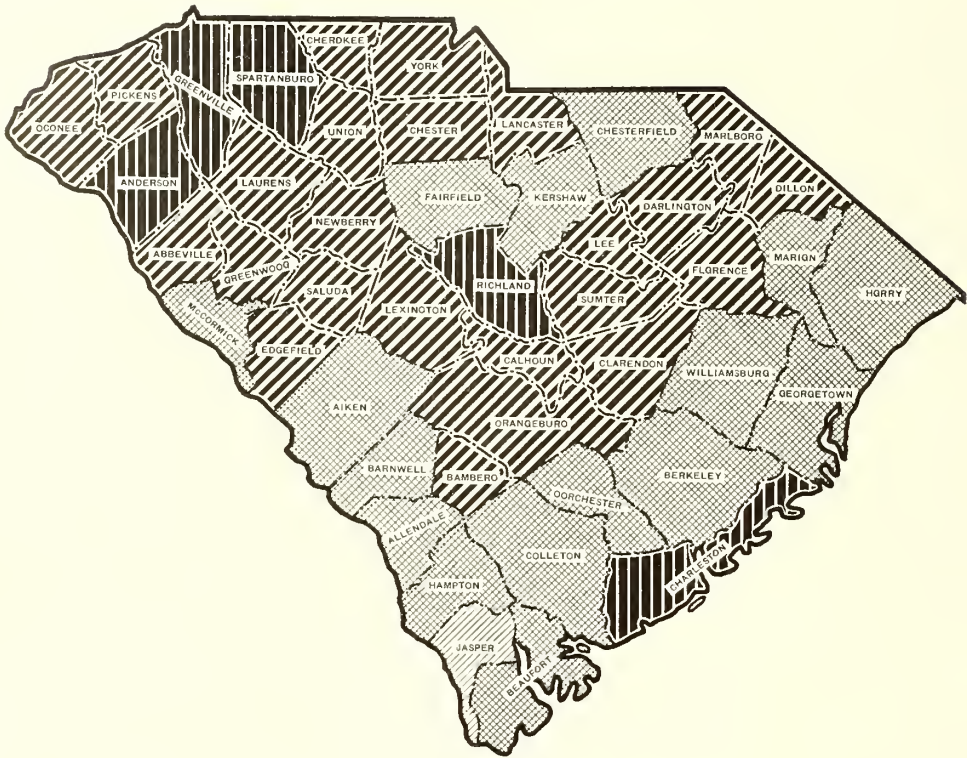
★ NO RURAL POPULATION



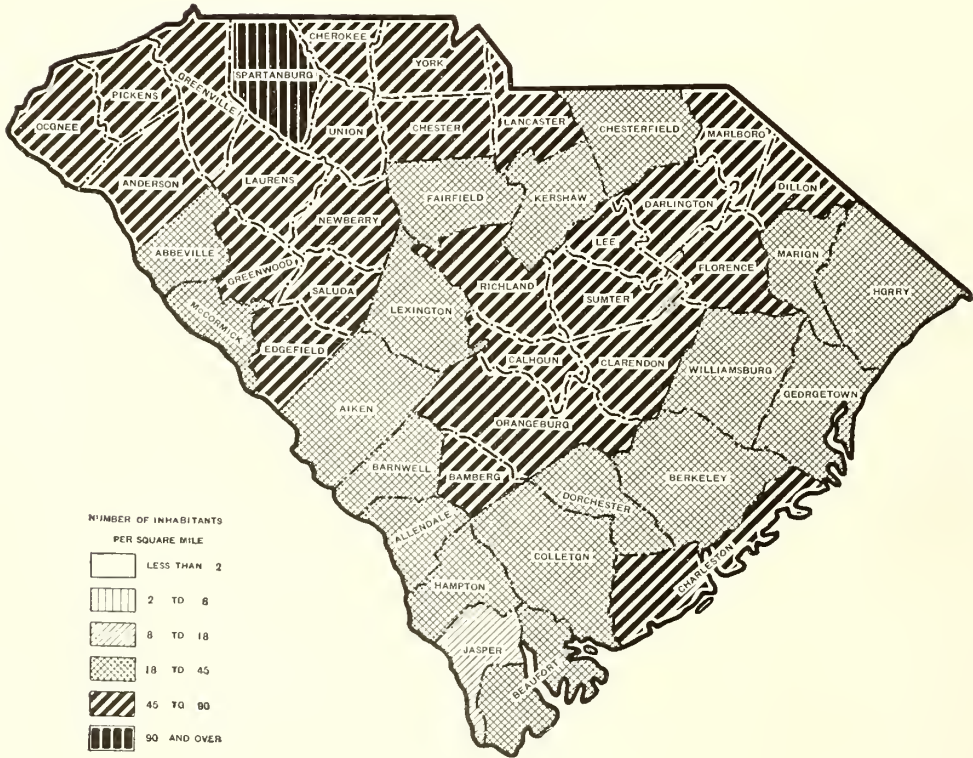
DENSITY OF POPULATION OF SOUTH CAROLINA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



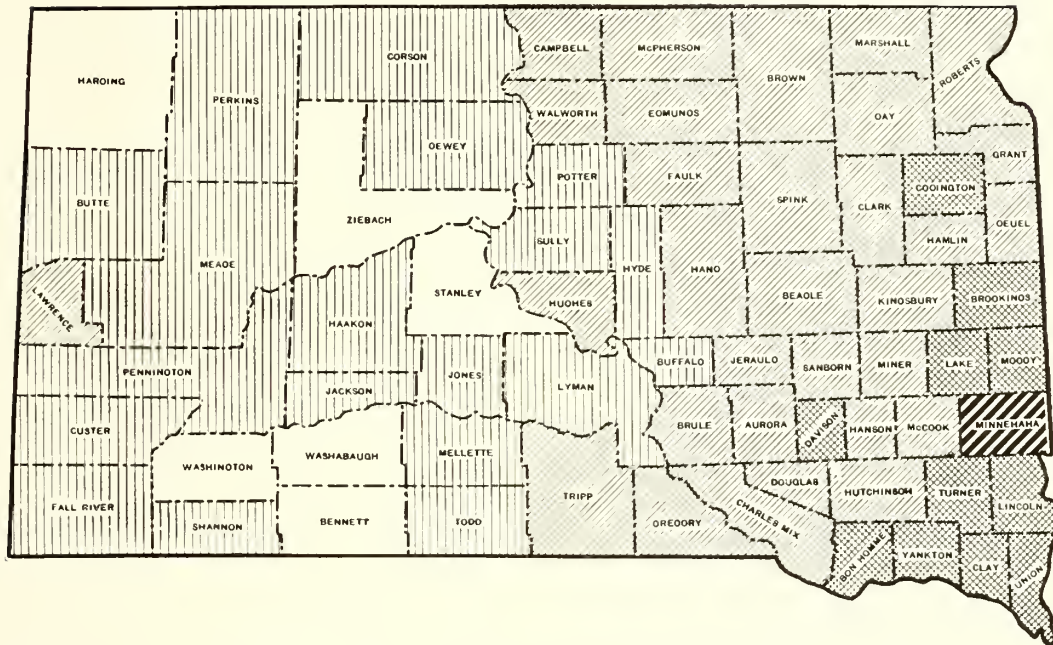
RURAL POPULATION.



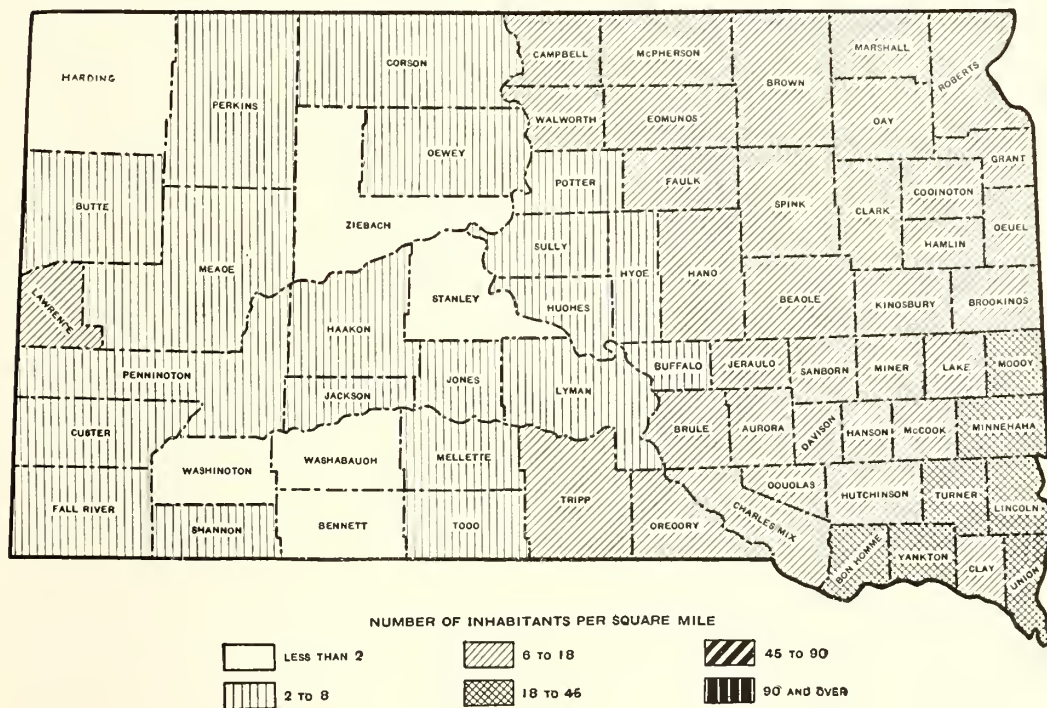
## DENSITY OF POPULATION OF SOUTH DAKOTA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

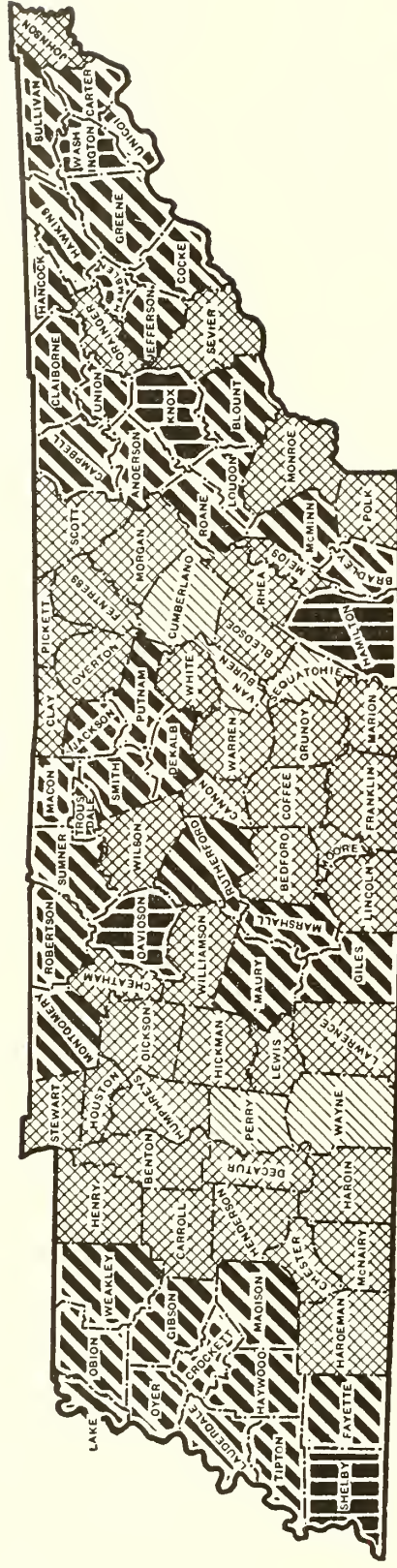




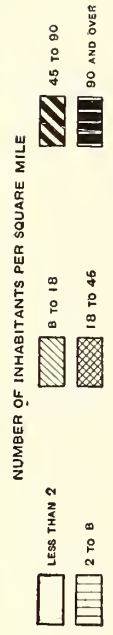
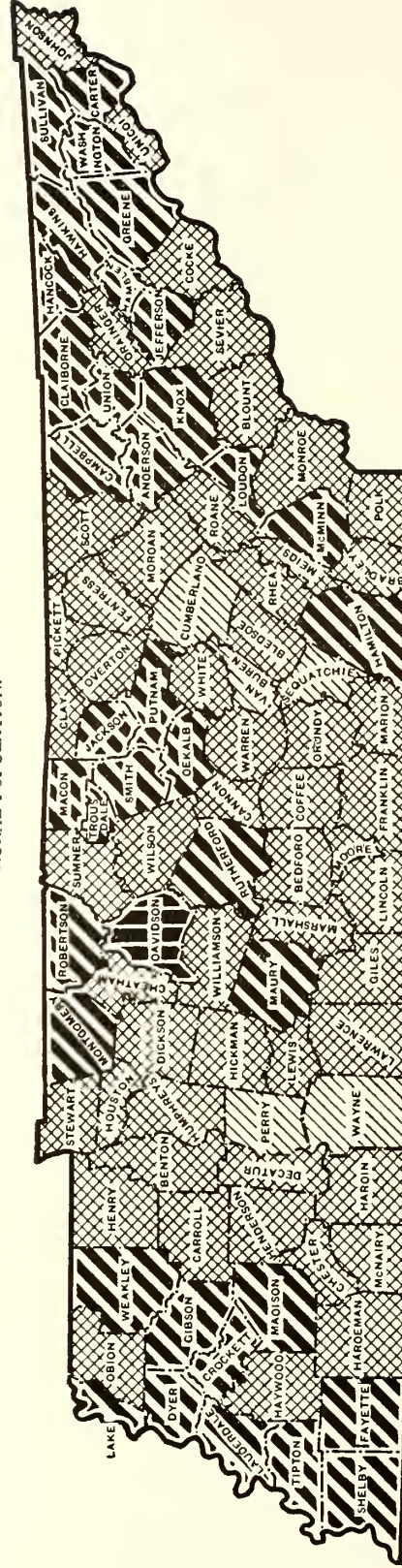
# DENSITY OF POPULATION OF TENNESSEE, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

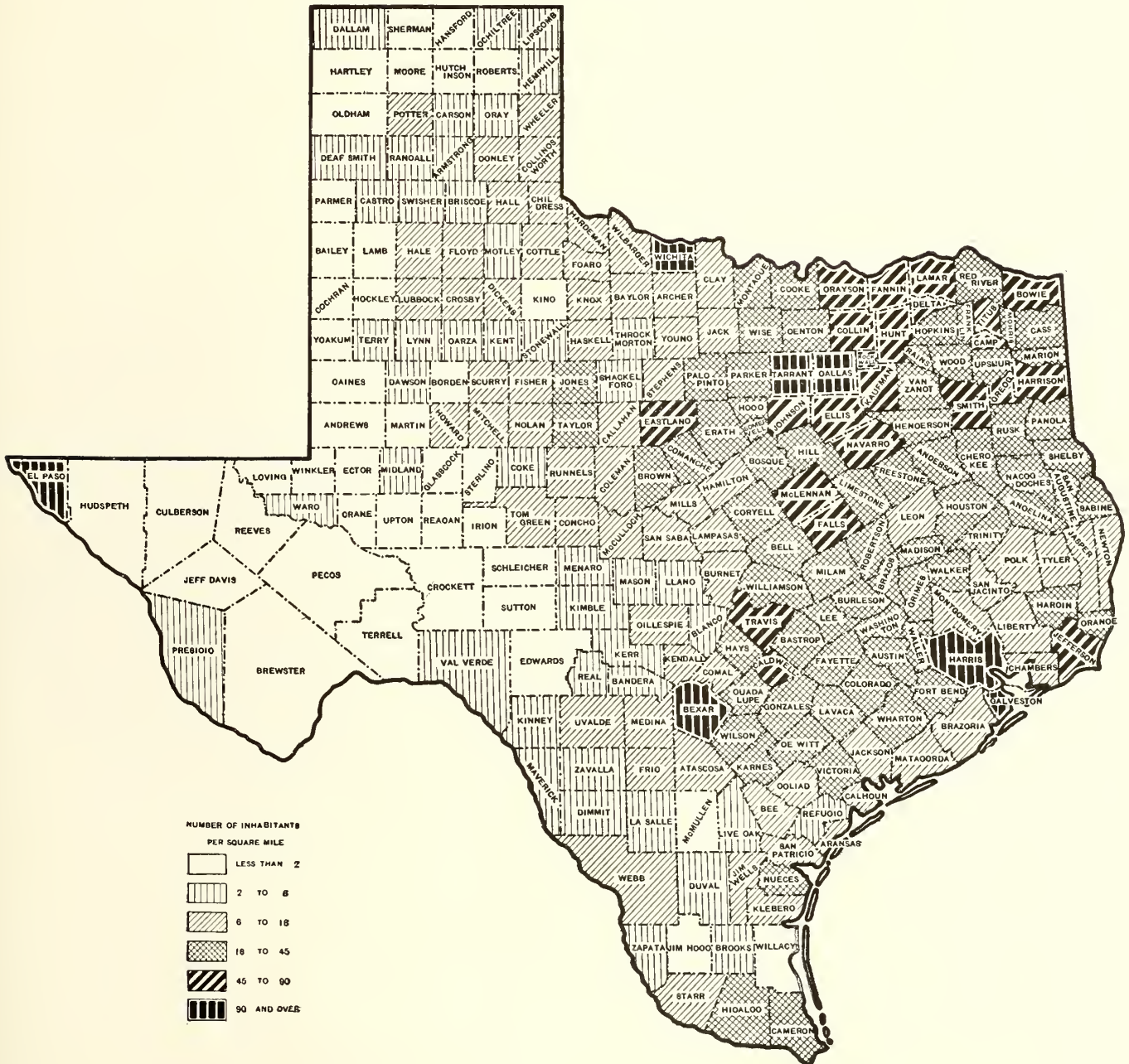


## RURAL POPULATION.



# DENSITY OF POPULATION OF TEXAS, BY COUNTIES: 1920.

TOTAL POPULATION.

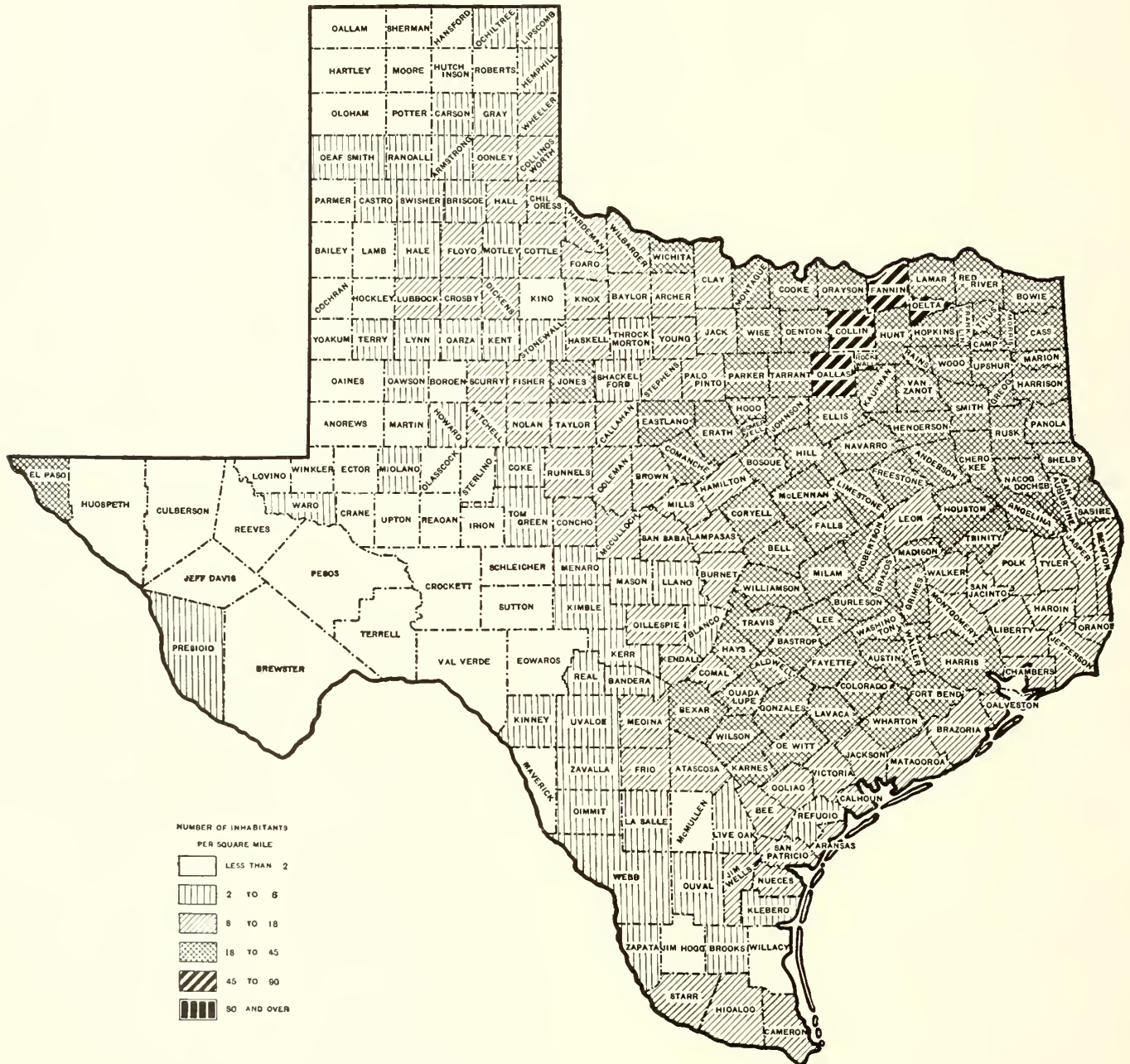




# DENSITY OF POPULATION OF TEXAS, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

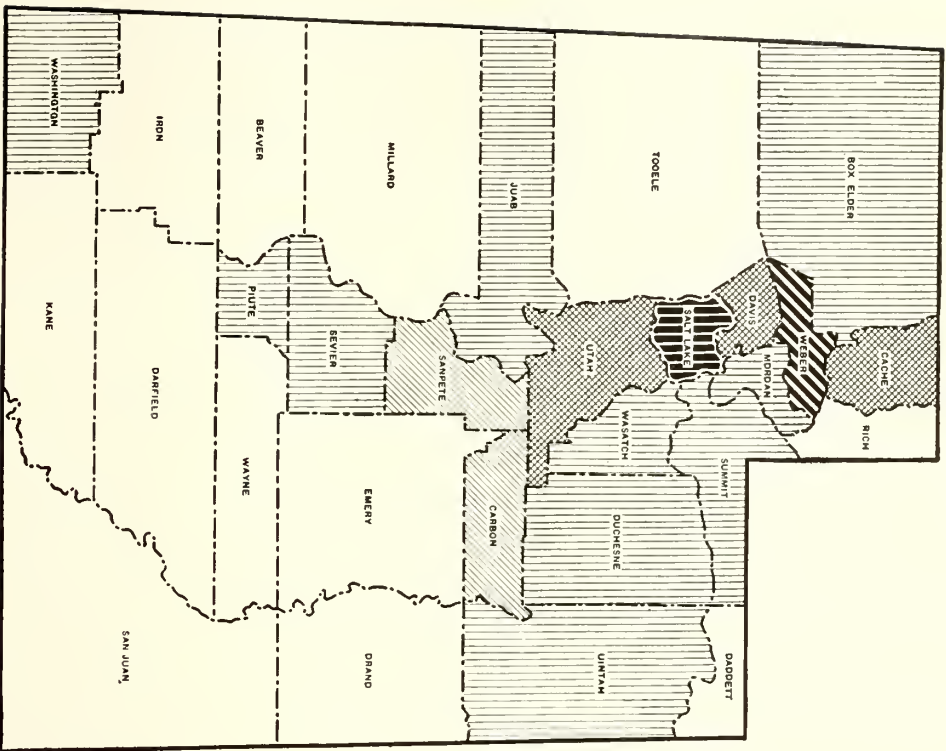
## RURAL POPULATION.



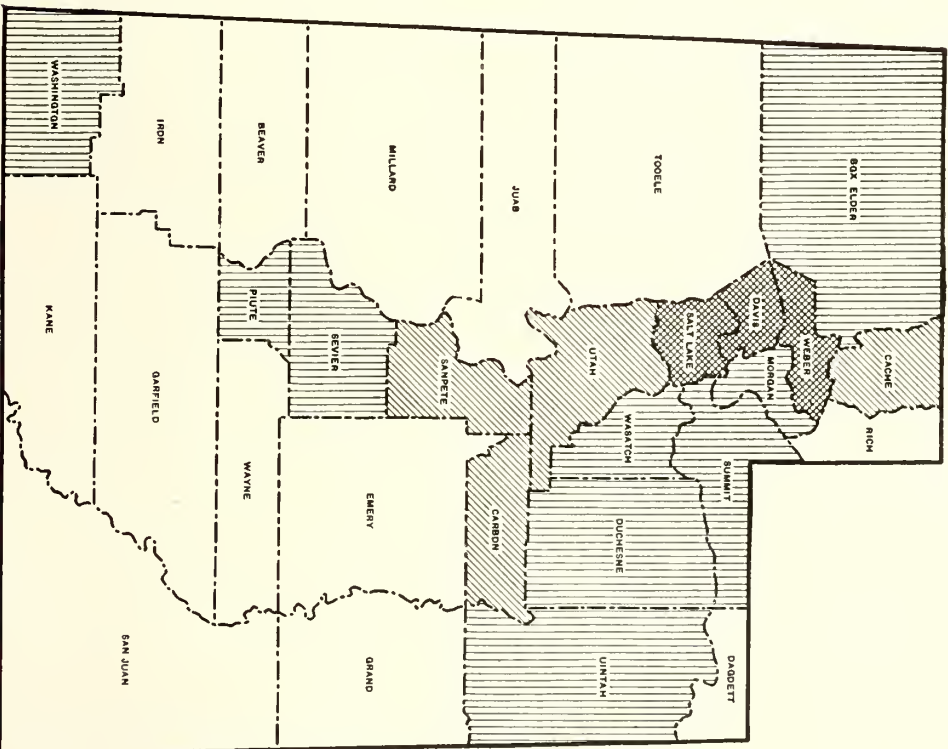
# DENSITY OF POPULATION OF UTAH, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

LESS THAN 2  
2 TO 6

6 TO 18  
18 TO 45

45 TO 90  
90 AND OVER

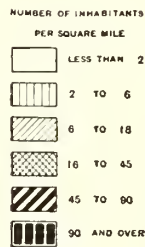
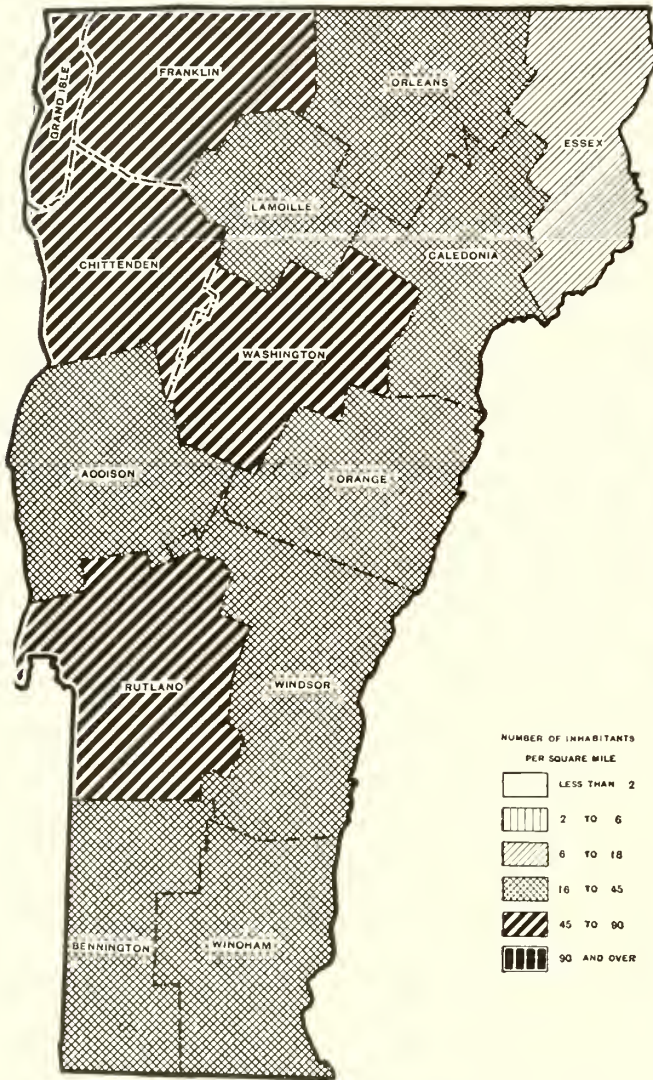


# DENSITY OF POPULATION OF VERMONT, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more

TOTAL POPULATION.

RURAL POPULATION.

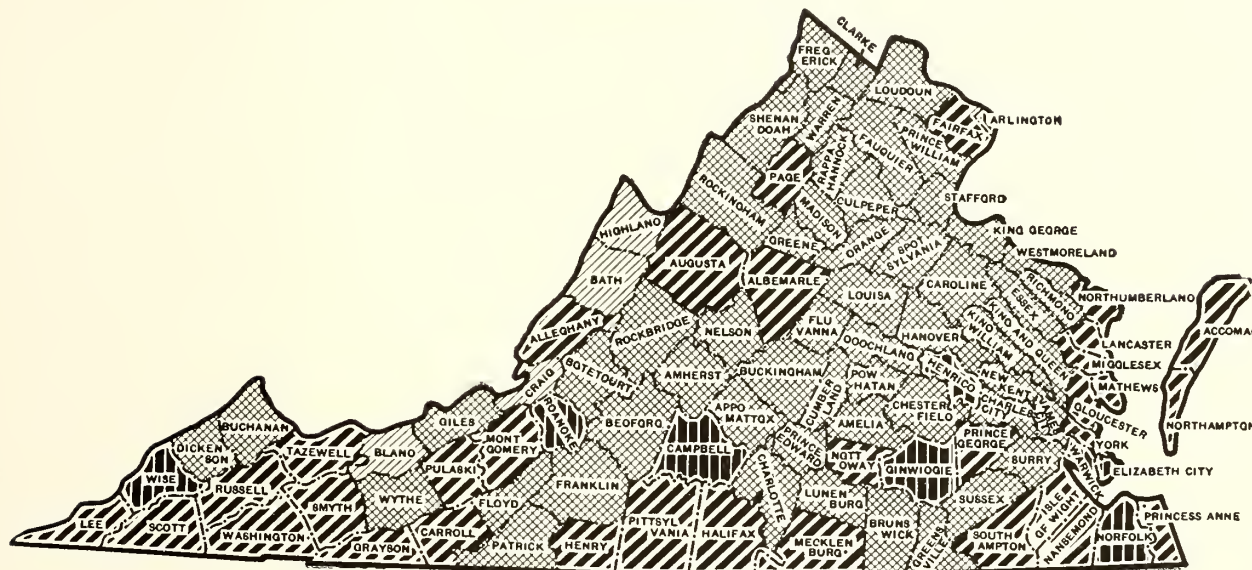




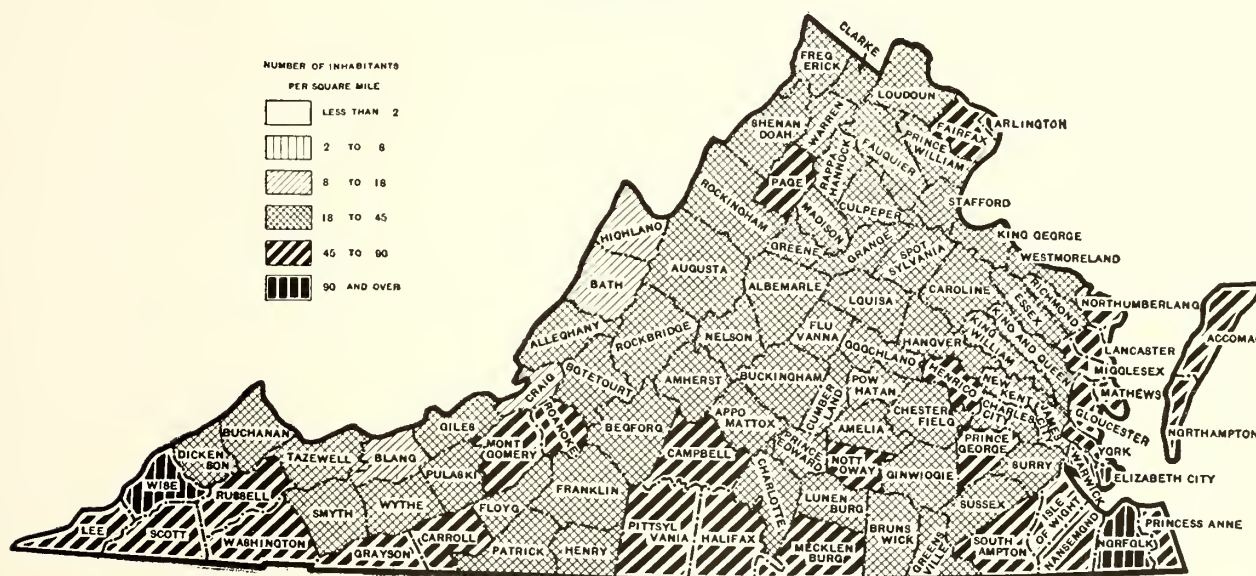
# DENSITY OF POPULATION OF VIRGINIA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

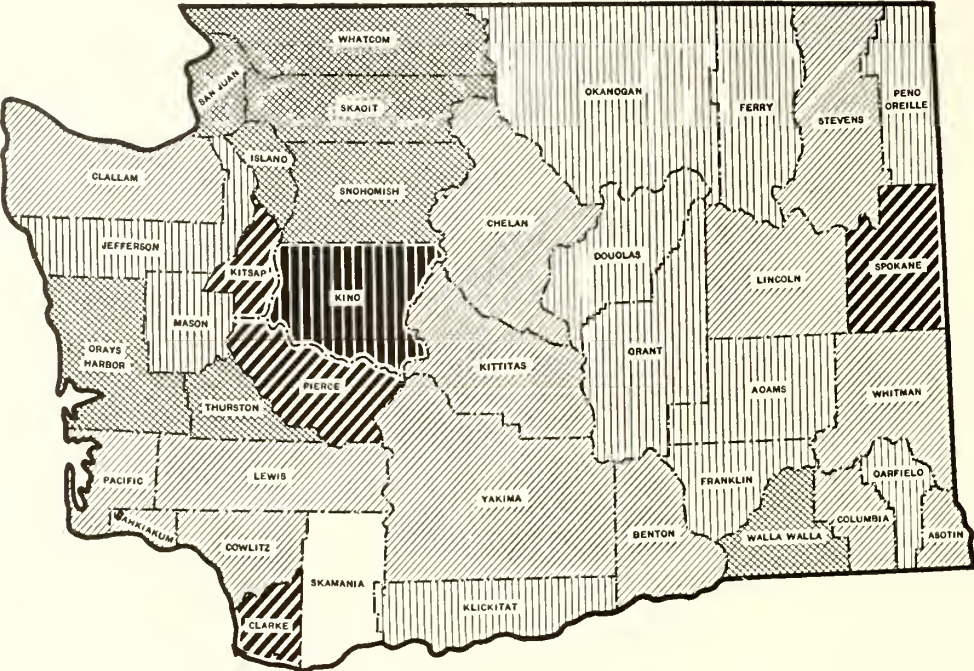




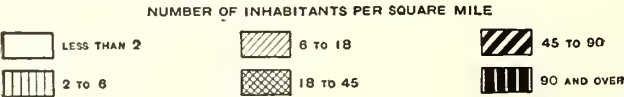
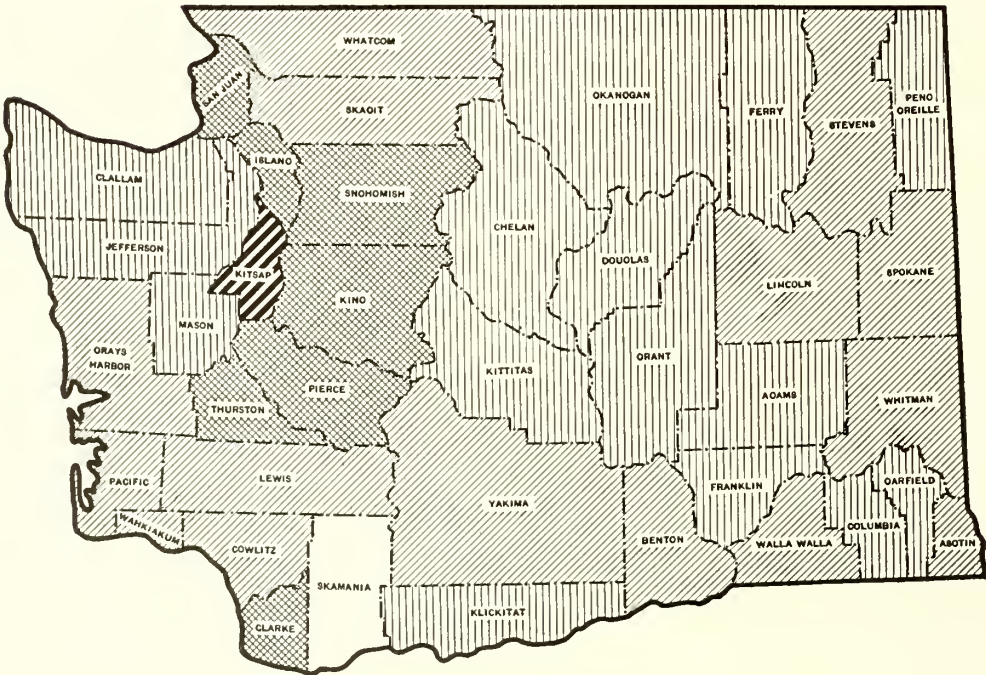
DENSITY OF POPULATION OF WASHINGTON, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



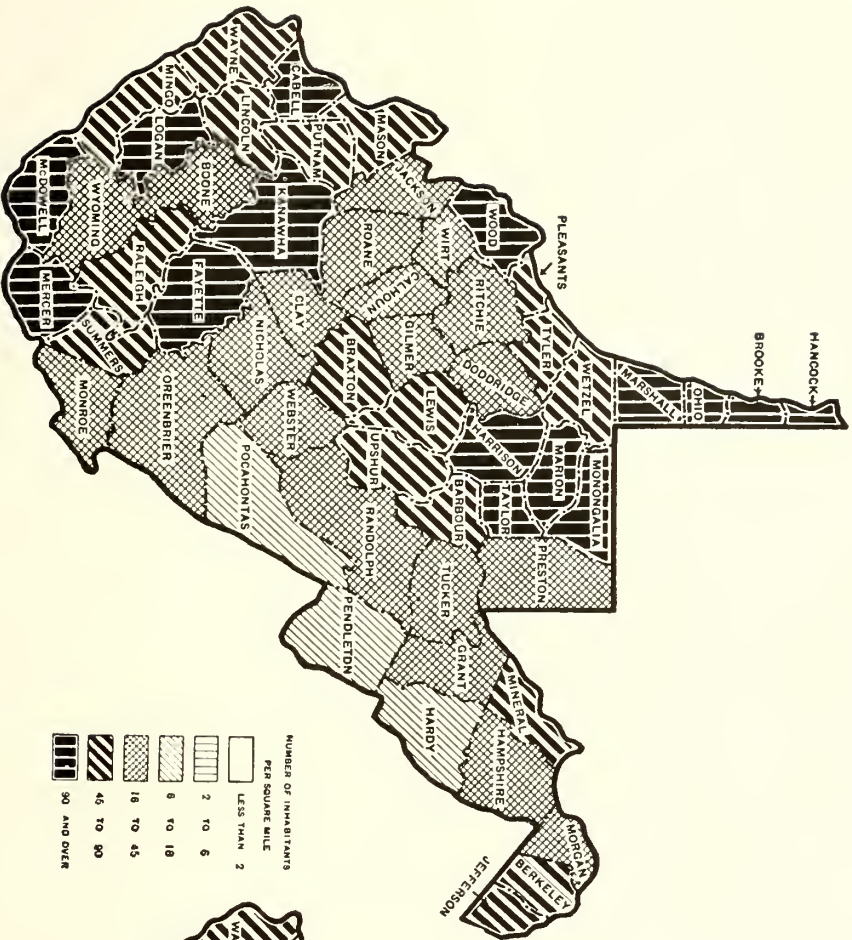
RURAL POPULATION.



# DENSITY OF POPULATION OF WEST VIRGINIA, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.



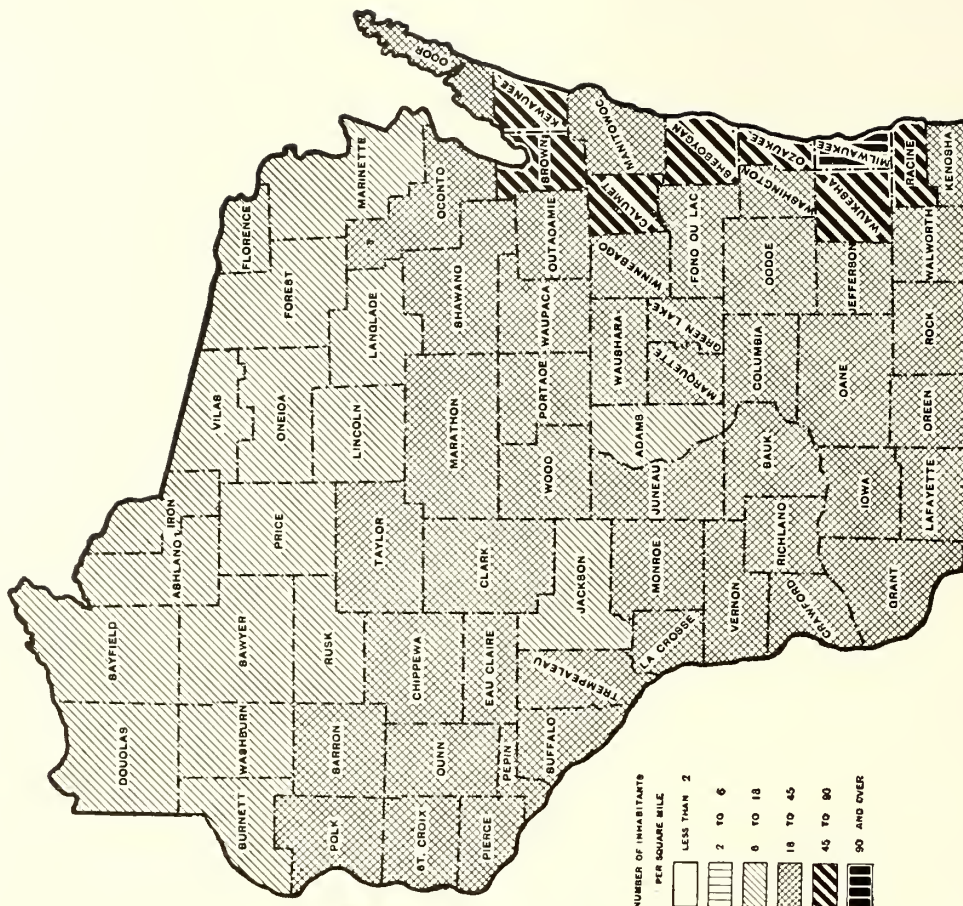
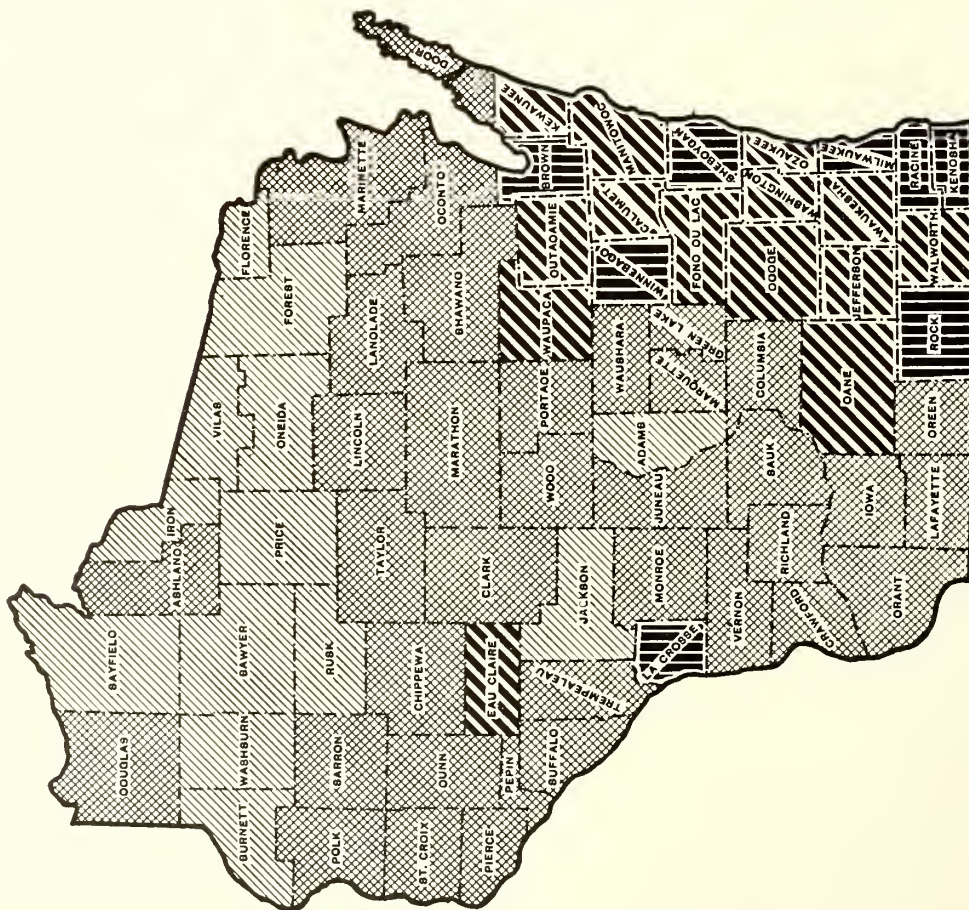


# DENSITY OF POPULATION OF WISCONSIN, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.

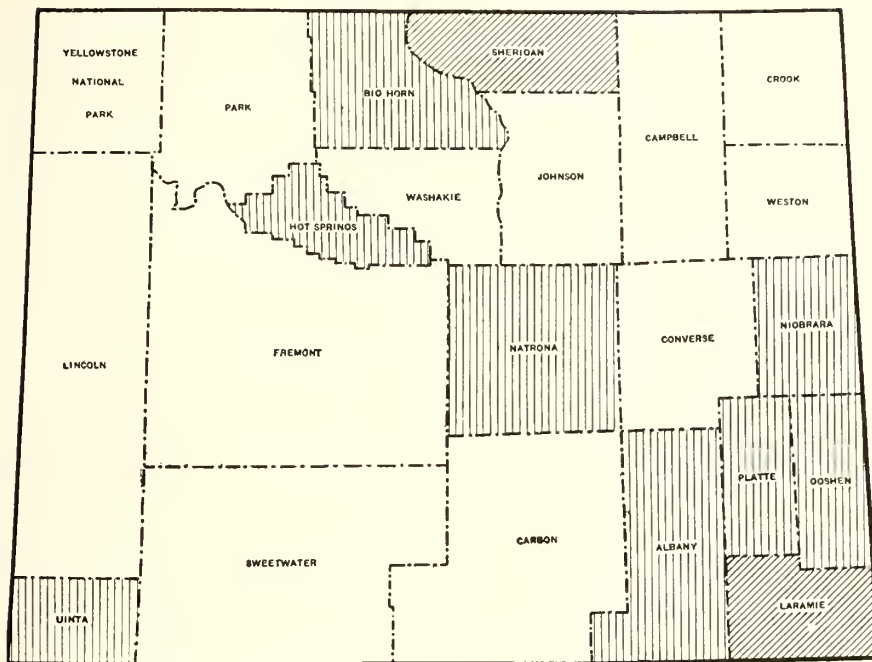
## RURAL POPULATION.



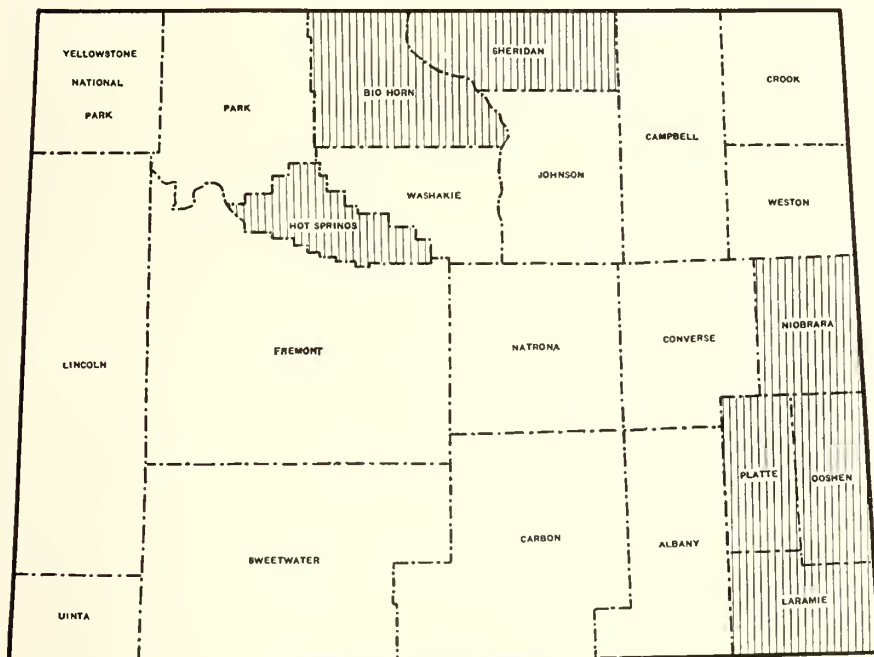
# DENSITY OF POPULATION OF WYOMING, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

## TOTAL POPULATION.



## RURAL POPULATION.

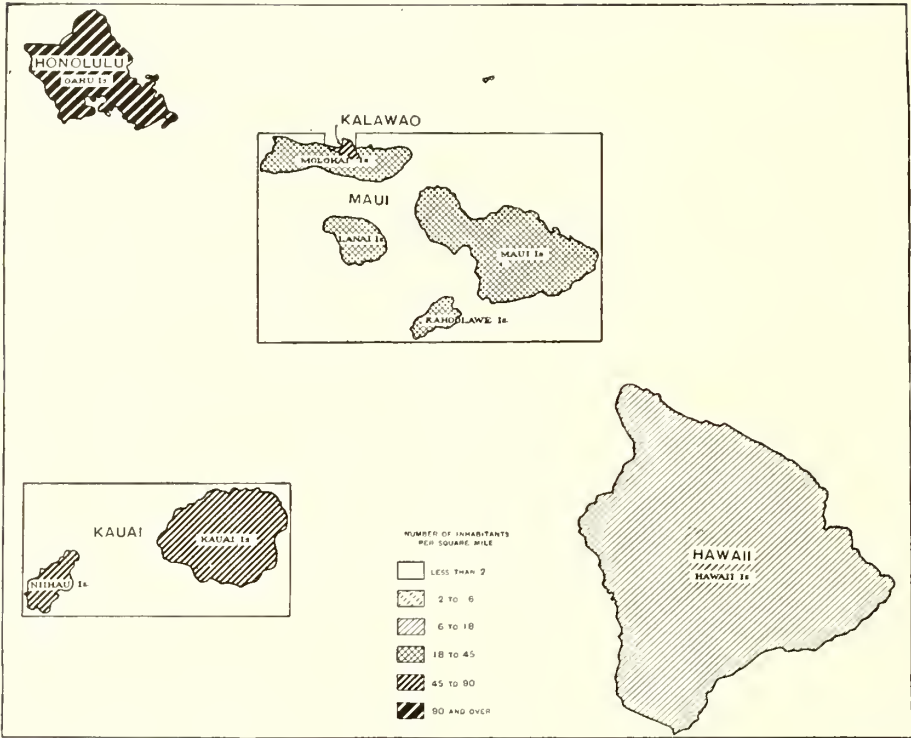


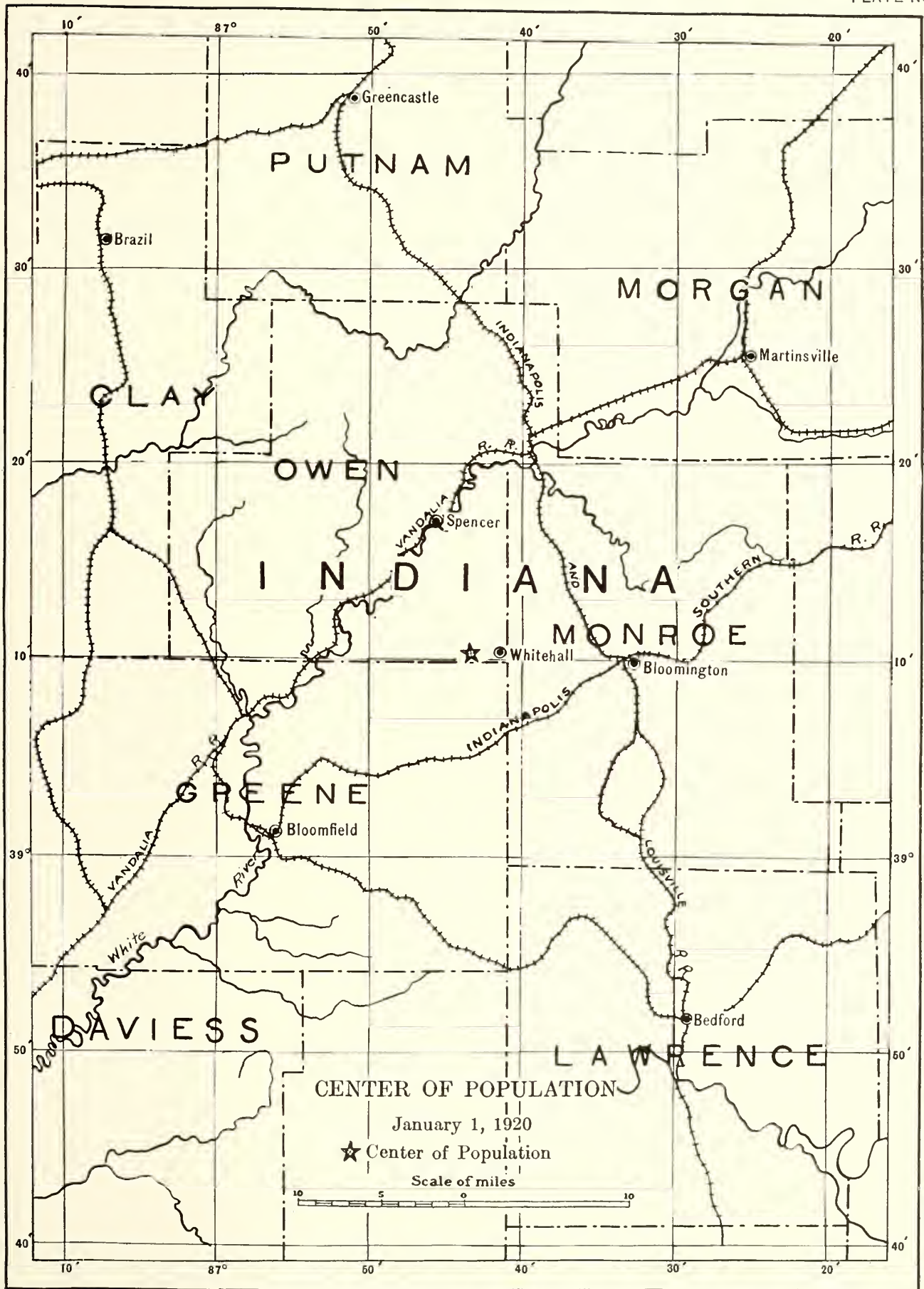
NUMBER OF INHABITANTS PER SQUARE MILE



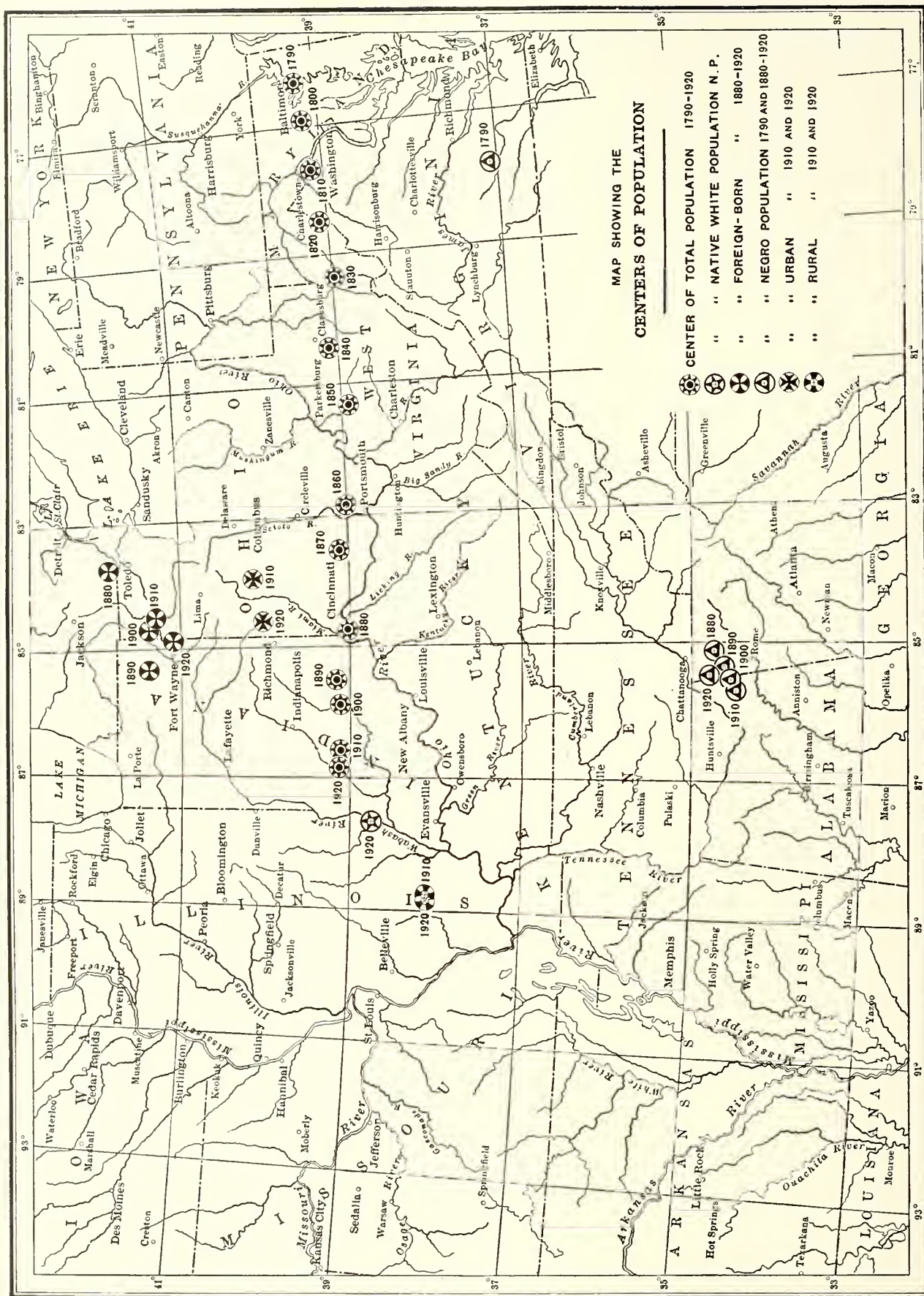


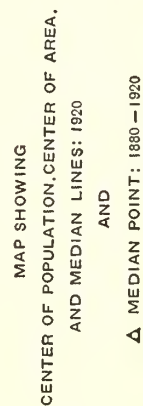
DENSITY OF POPULATION OF HAWAII, BY COUNTIES: 1920.











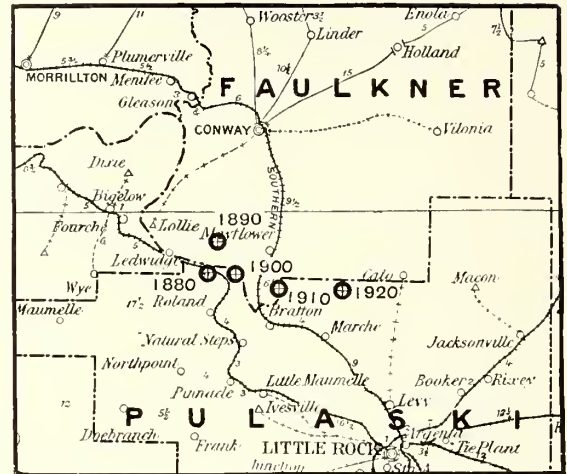


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

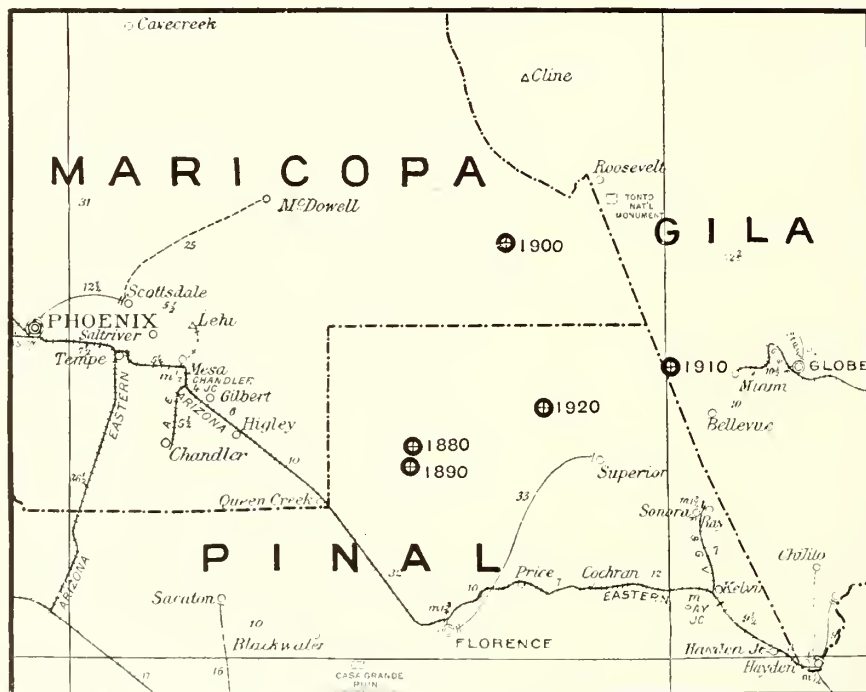
ALABAMA



ARKANSAS

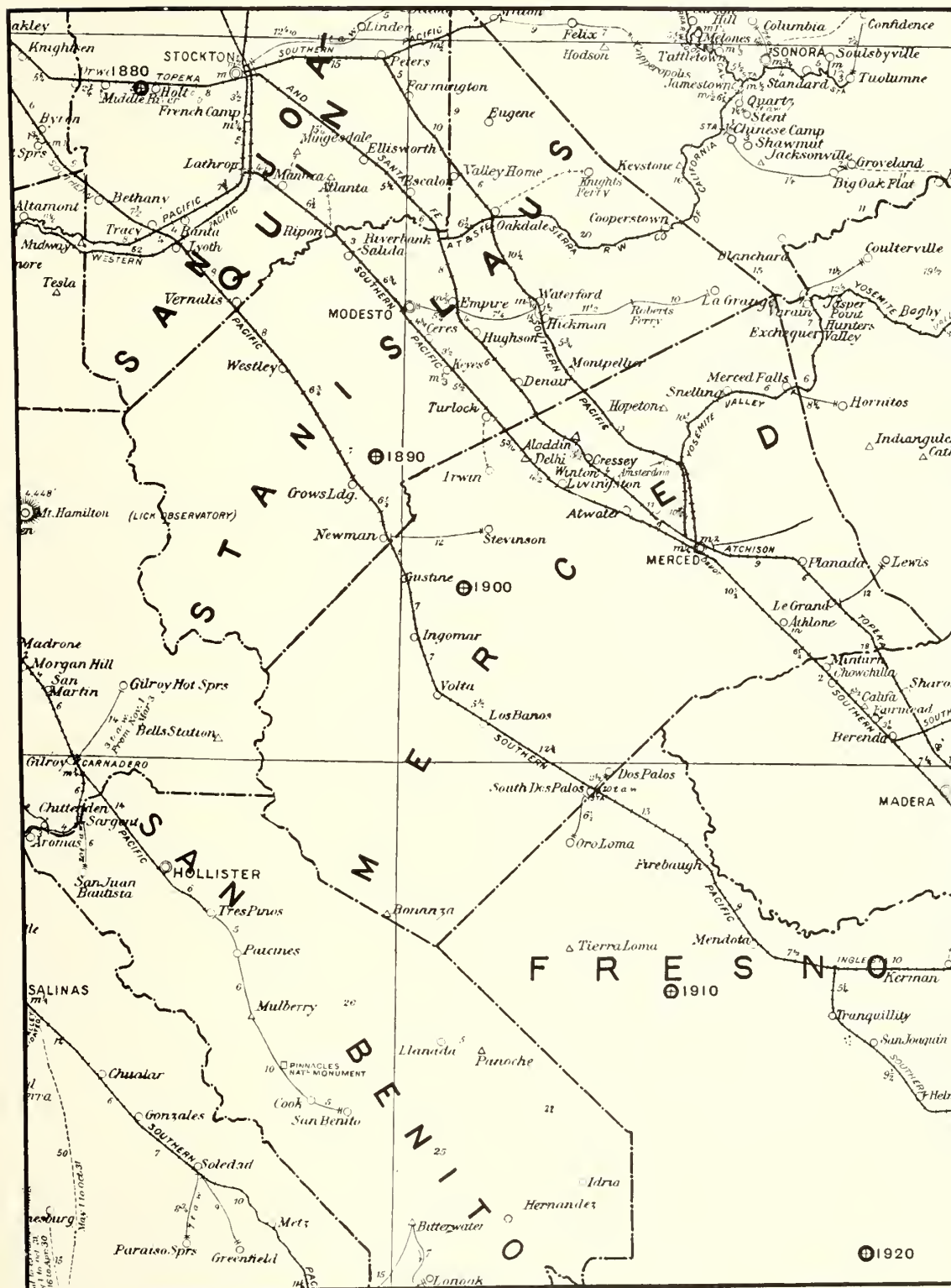


ARIZONA



CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

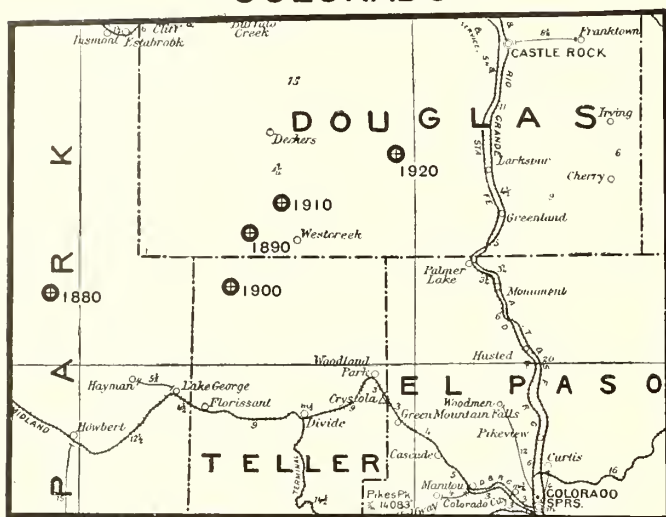
# CALIFORNIA



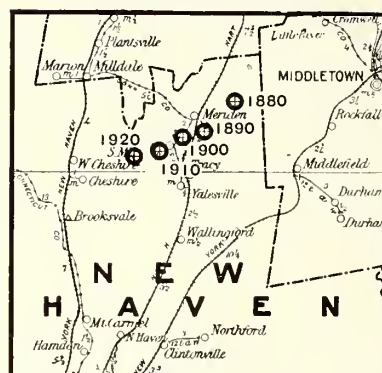


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

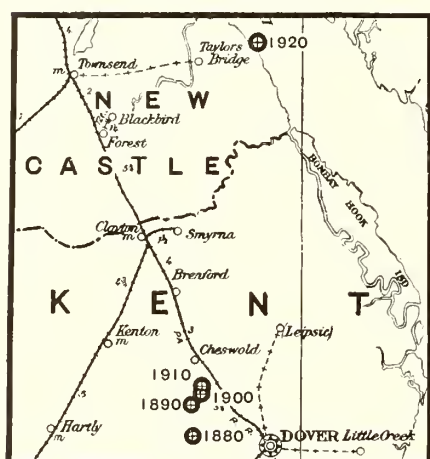
COLORADO



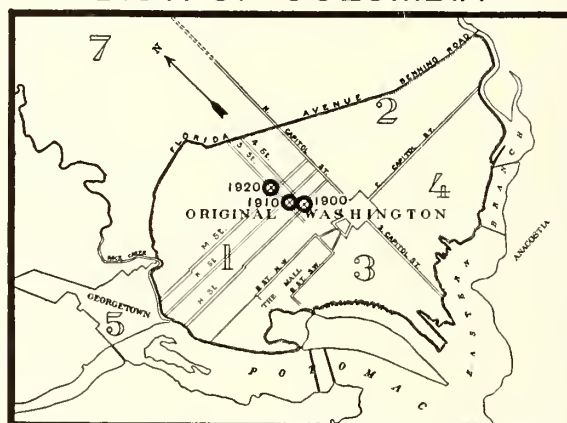
CONNECTICUT



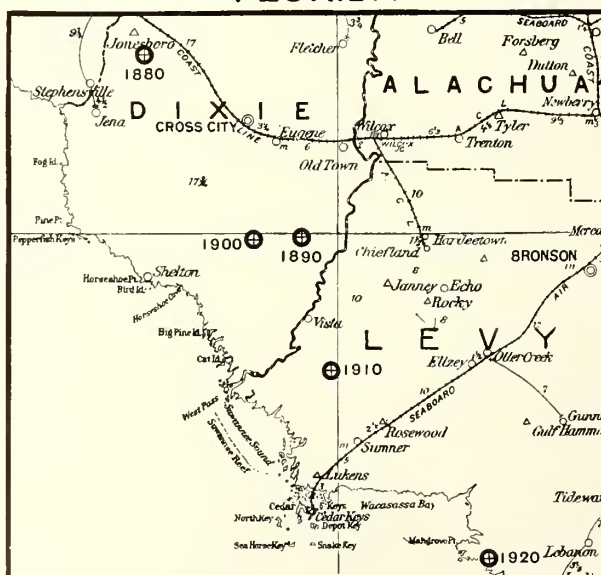
DELAWARE



DIST. OF COLUMBIA



FLORIDA

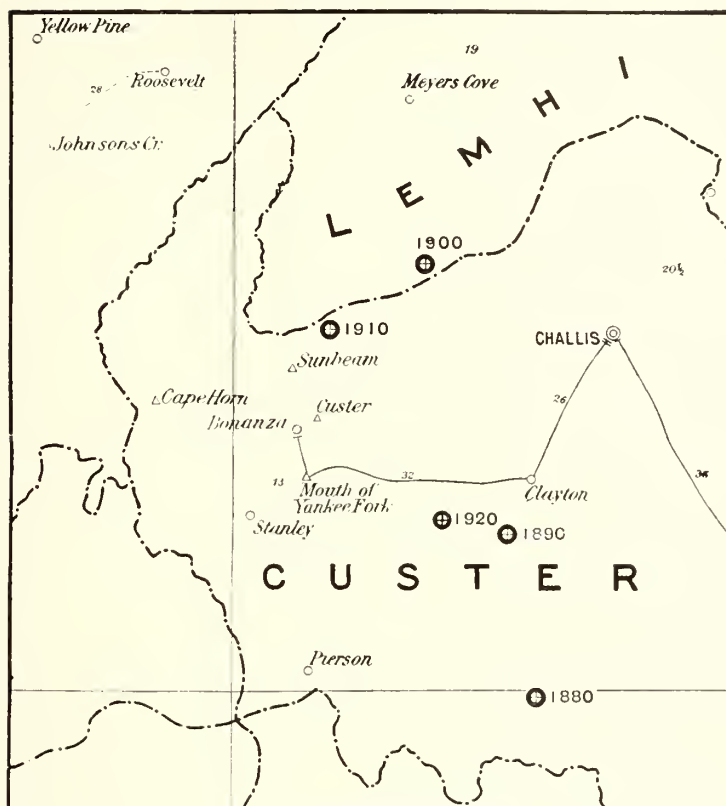


GEORGIA

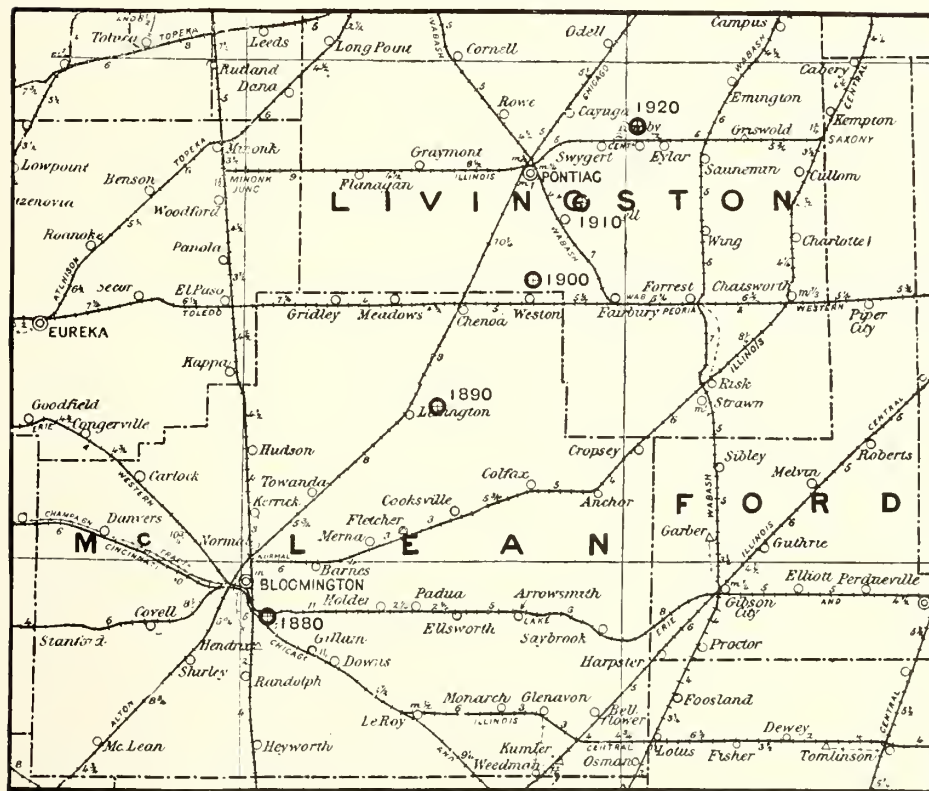


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

# IDAHO



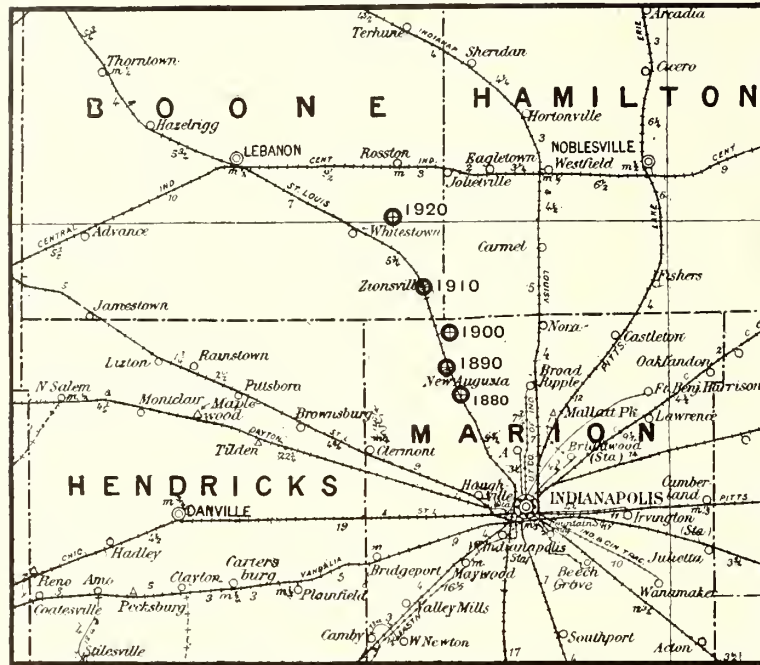
# ILLINOIS





CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

INDIANA



IOWA



The map illustrates Marion County, Missouri, with its various towns and geographical features. Key towns include Hope, Herculano, and Herculano. The Missouri River is shown flowing through the county. The map also includes a scale bar and a north arrow.

[illegible]

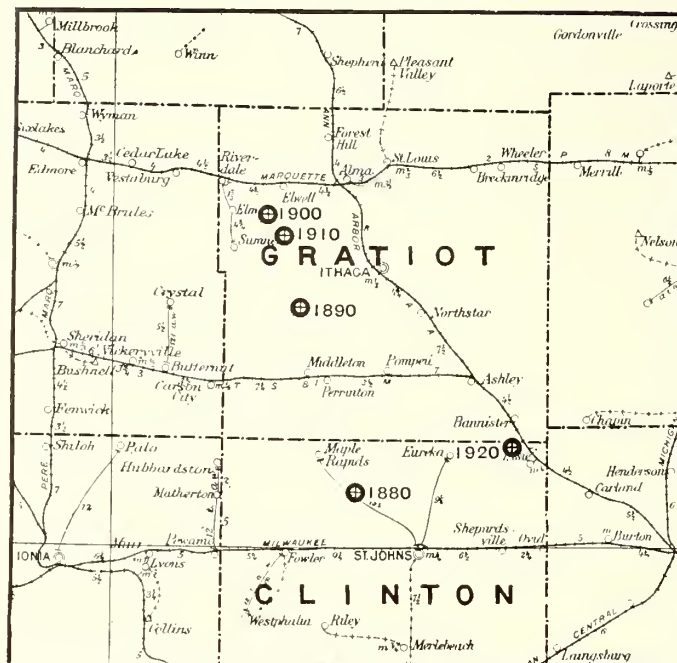
A detailed map of the Baltimore, Maryland area. The map shows the city of Baltimore at the top, with surrounding areas like Ellicott City, Howard, and Anne Arundel. Major roads and highways are marked with numbers. The map also shows the Chesapeake Bay and the Potomac River. Various landmarks and points of interest are labeled, including the Baltimore Harbor, the Baltimore Inner Harbor, and the Baltimore Outer Harbor. The map is oriented with North at the top.

[illegible]

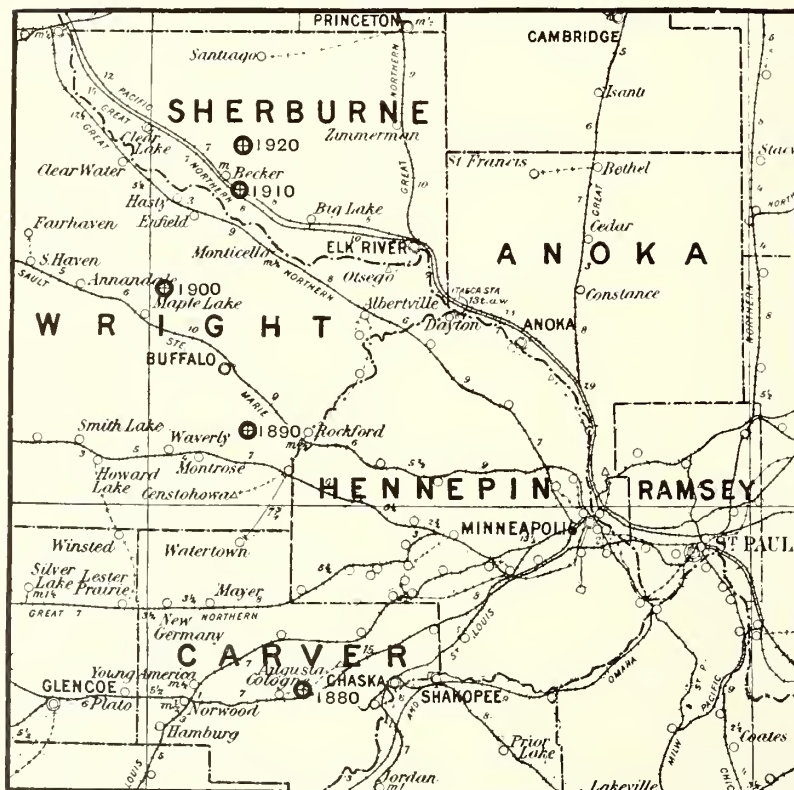


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

# MICHIGAN

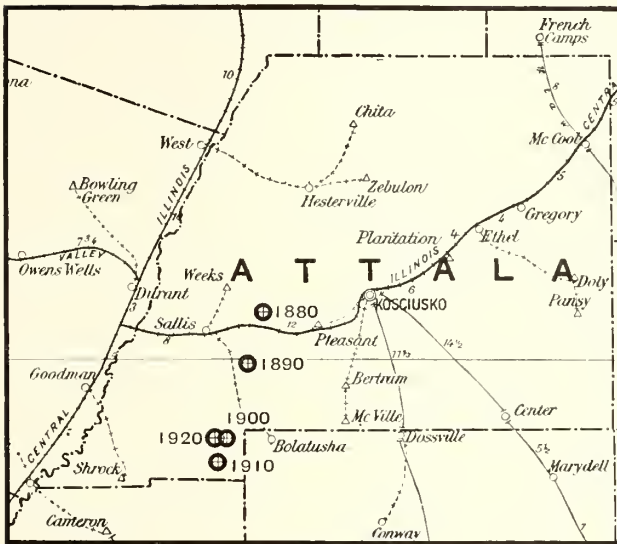


# MINNESOTA

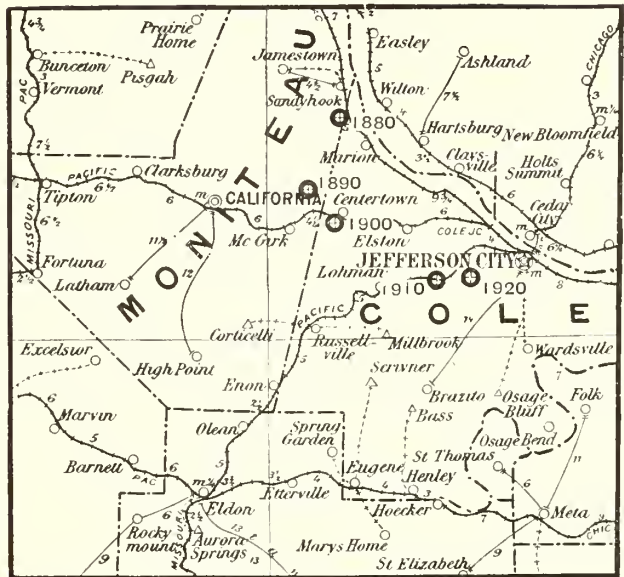


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

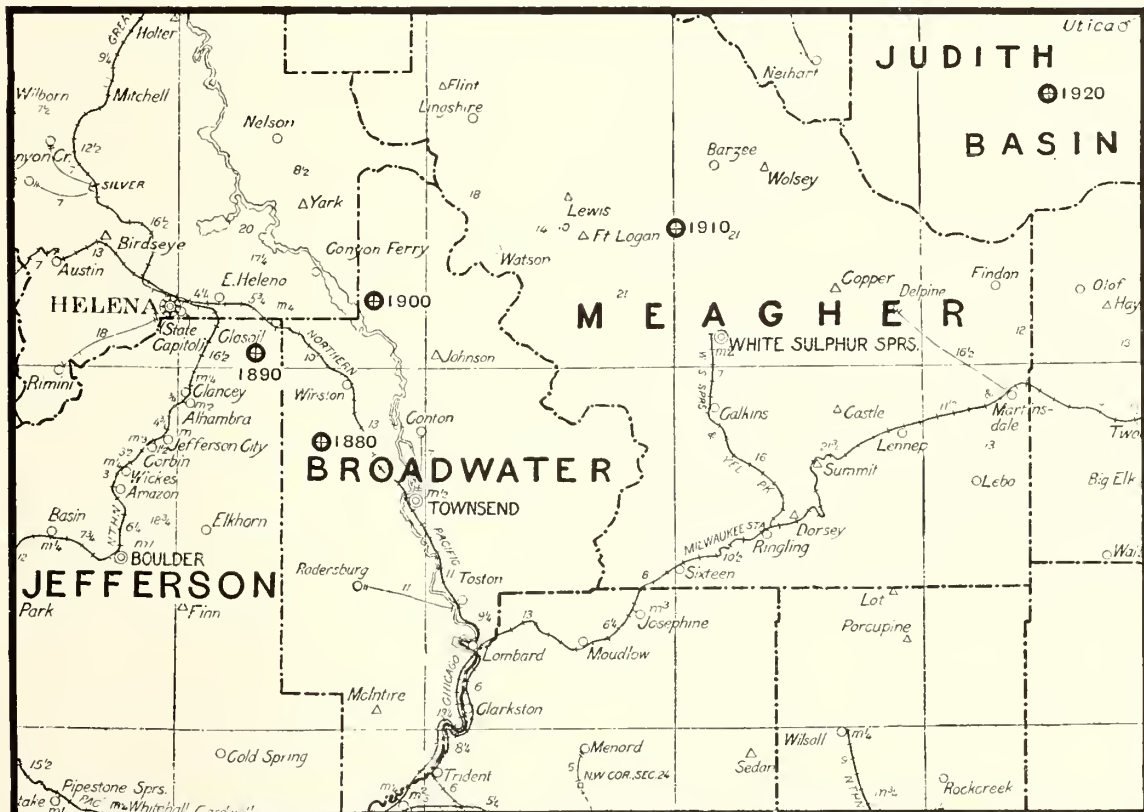
MISSISSIPPI



MISSOURI



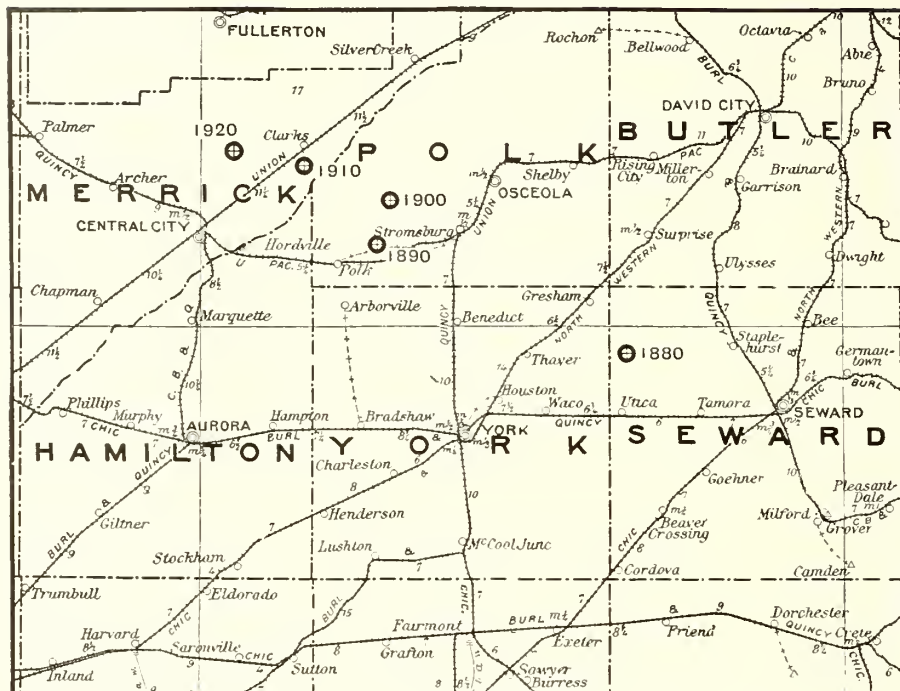
MONTANA



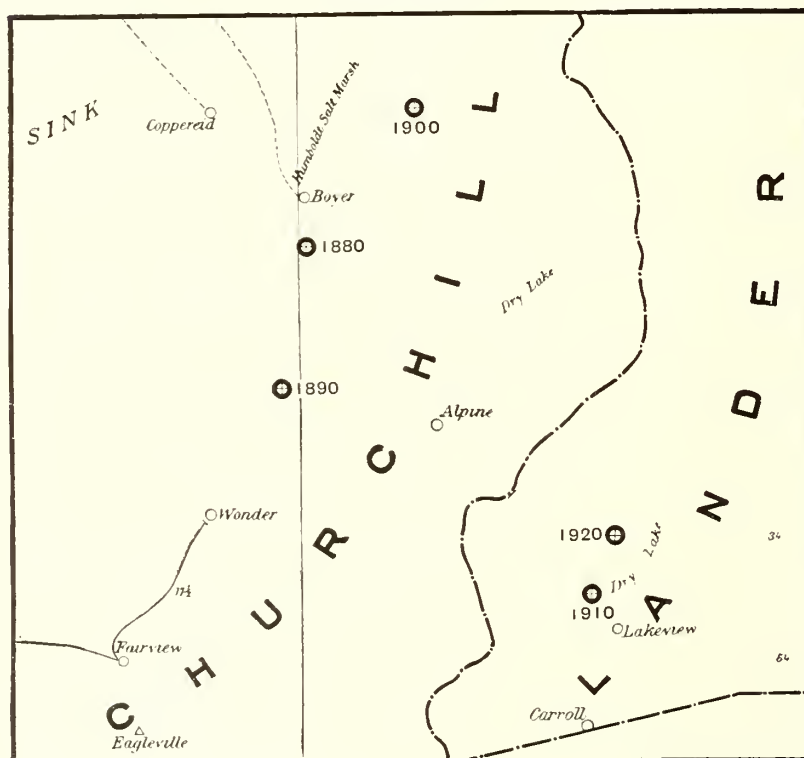


## CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

# NEBRASKA

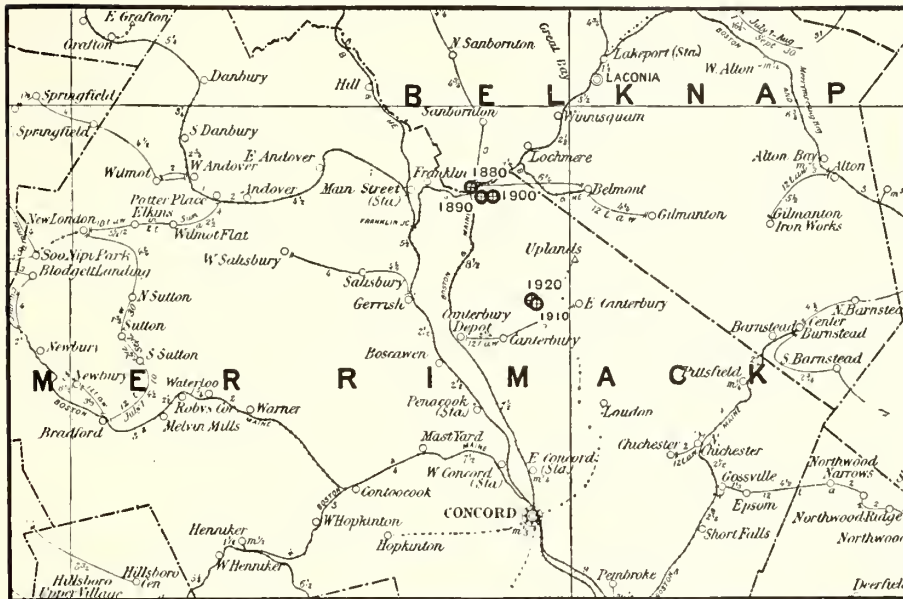


## NEVADA

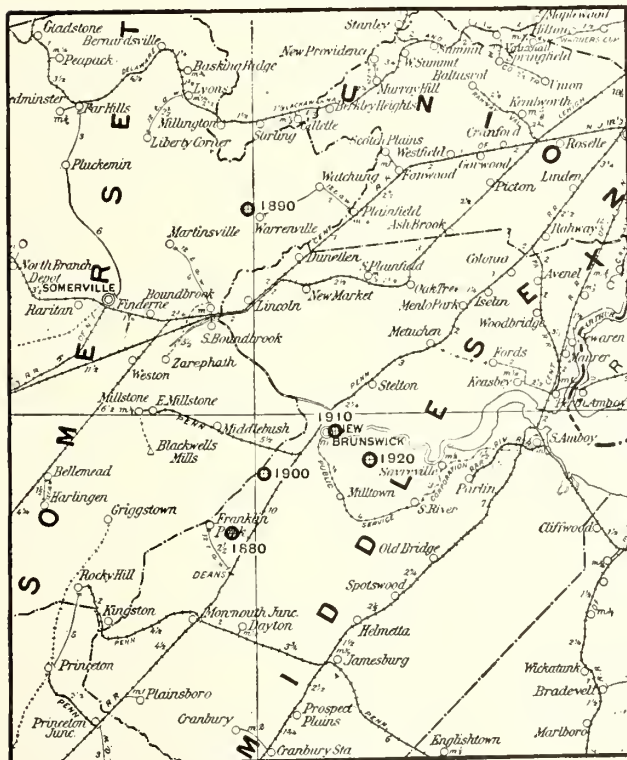


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

NEW HAMPSHIRE



NEW JERSEY



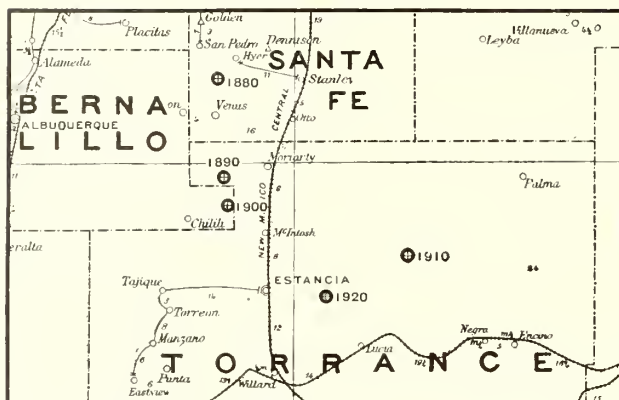
NEW YORK



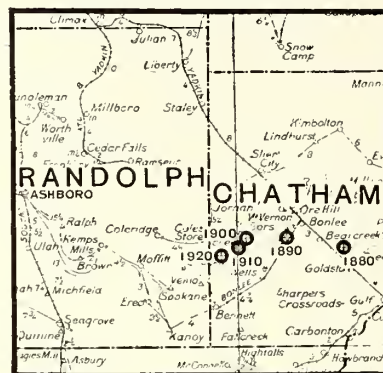


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

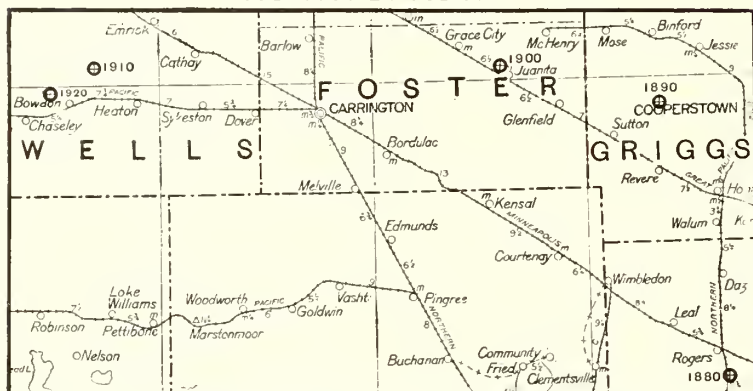
NEW MEXICO



NORTH CAROLINA



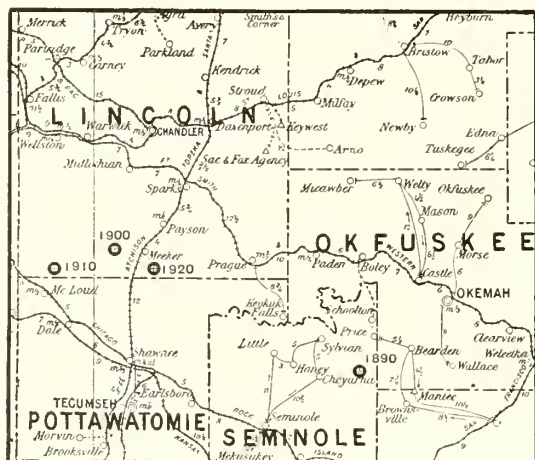
NORTH DAKOTA



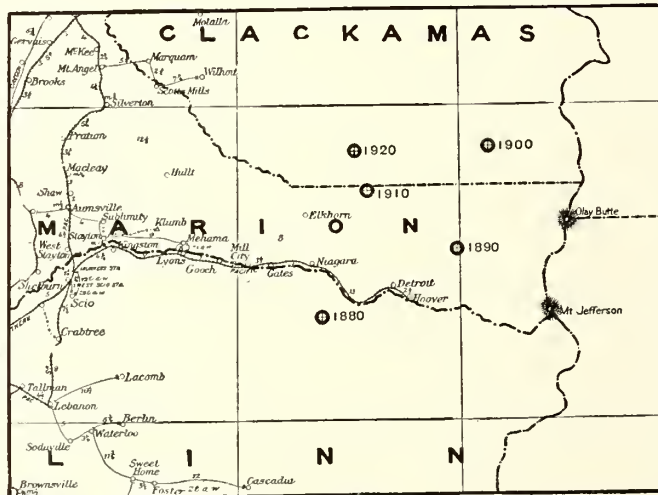
OHIO



OKLAHOMA

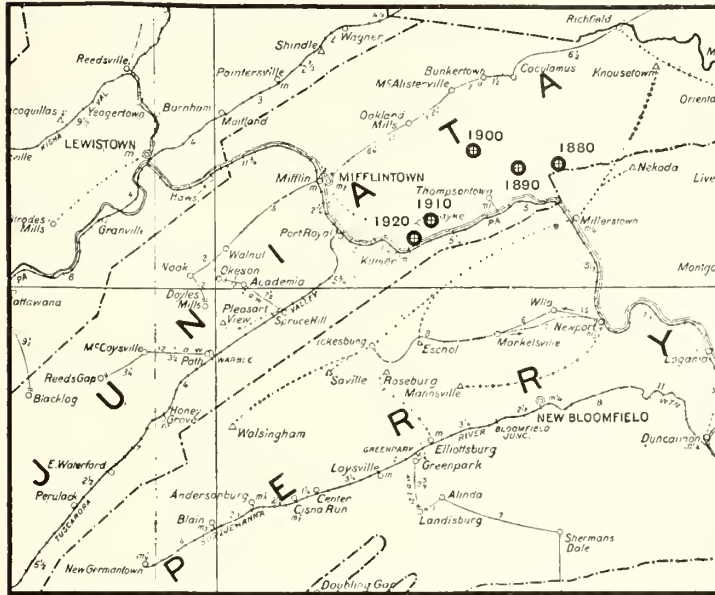


OREGON

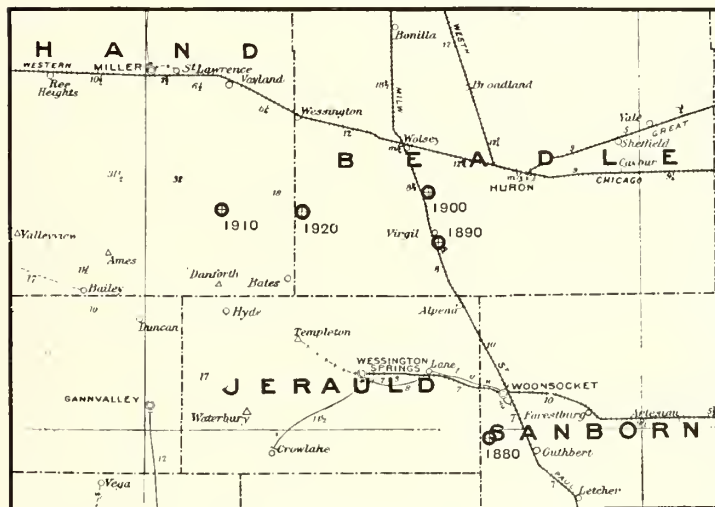


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

# PENNSYLVANIA

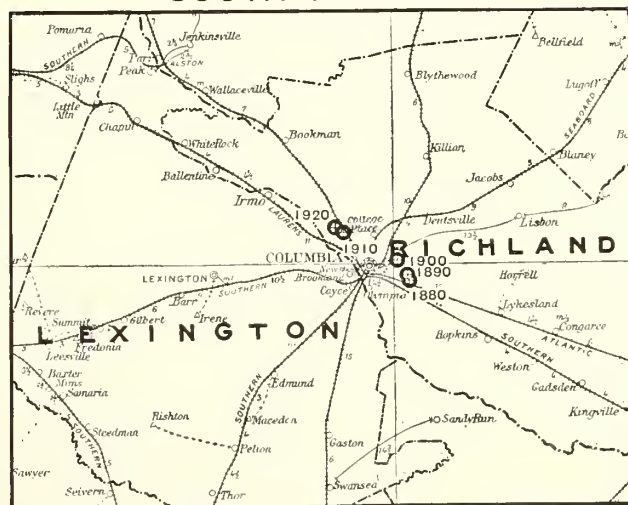
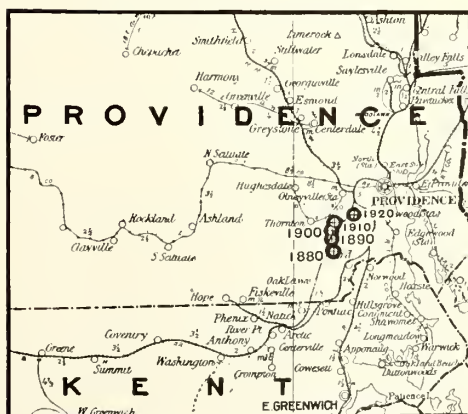


# SOUTH DAKOTA



# SOUTH CAROLINA

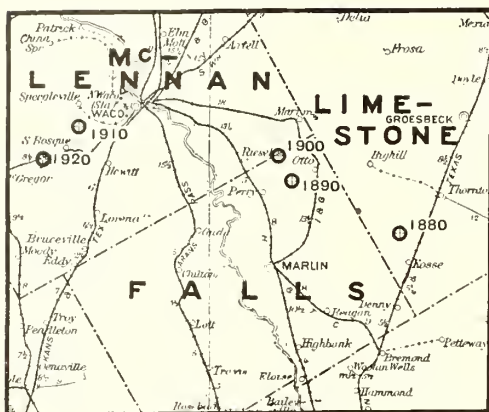
## RHODE ISLAND



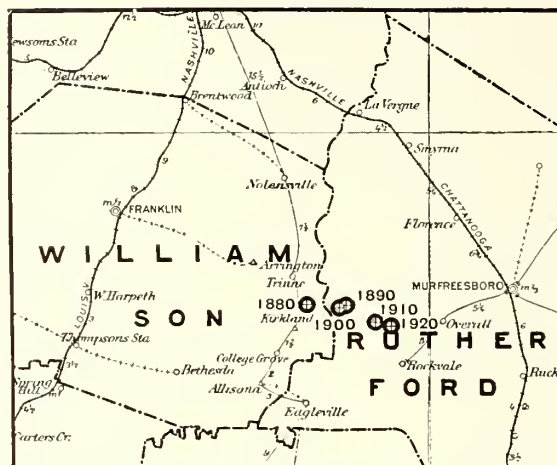


CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

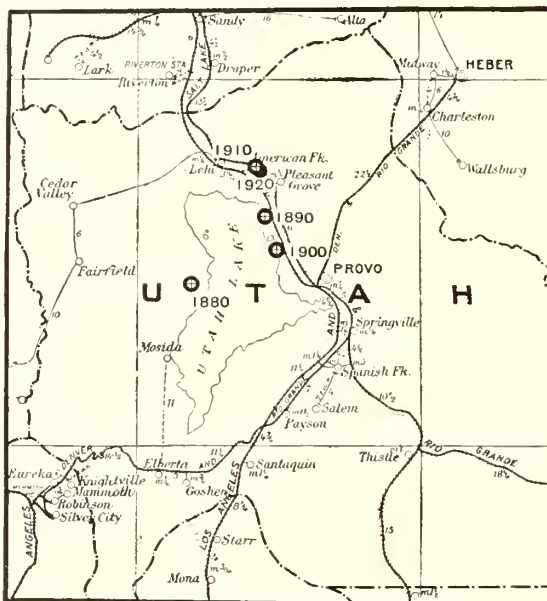
TEXAS



TENNESSEE



UTAH



VIRGINIA



VERMONT



CENTERS OF POPULATION: 1880, 1890, 1900, 1910, AND 1920.

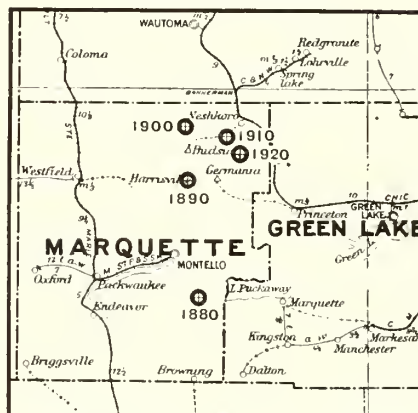
WASHINGTON



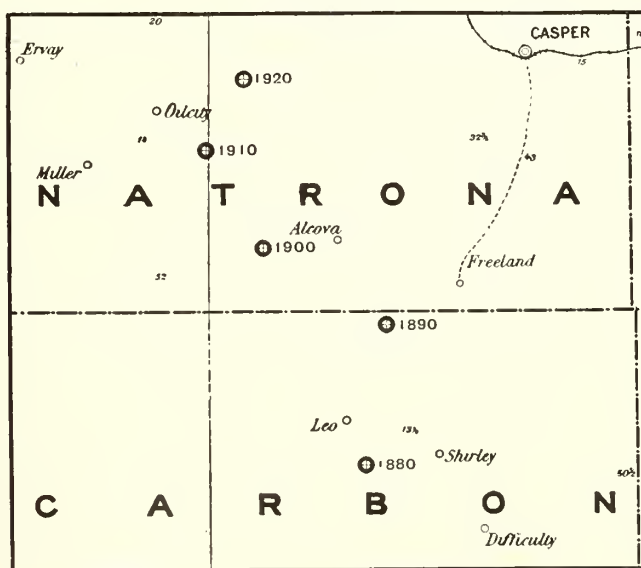
WEST VIRGINIA



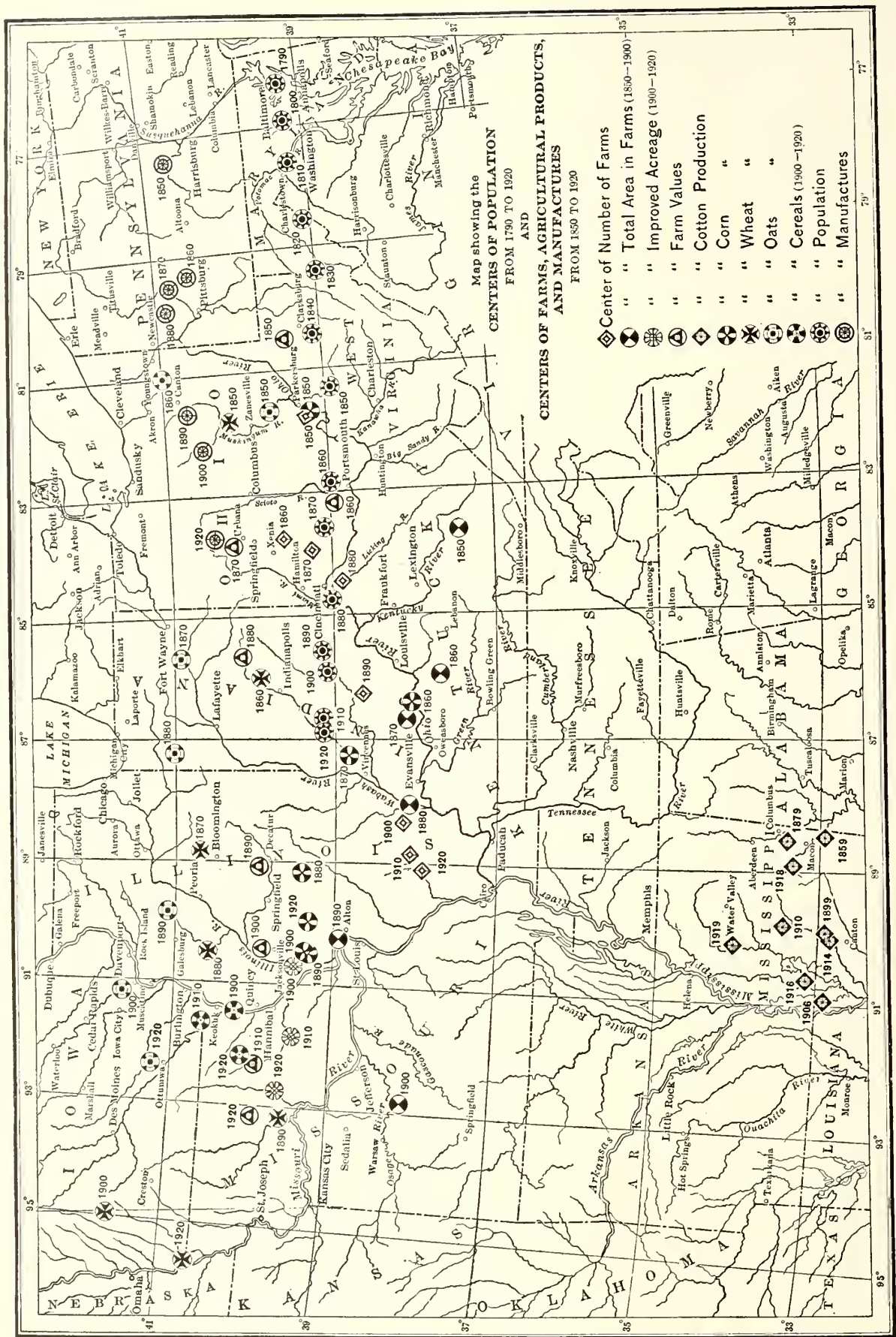
WISCONSIN

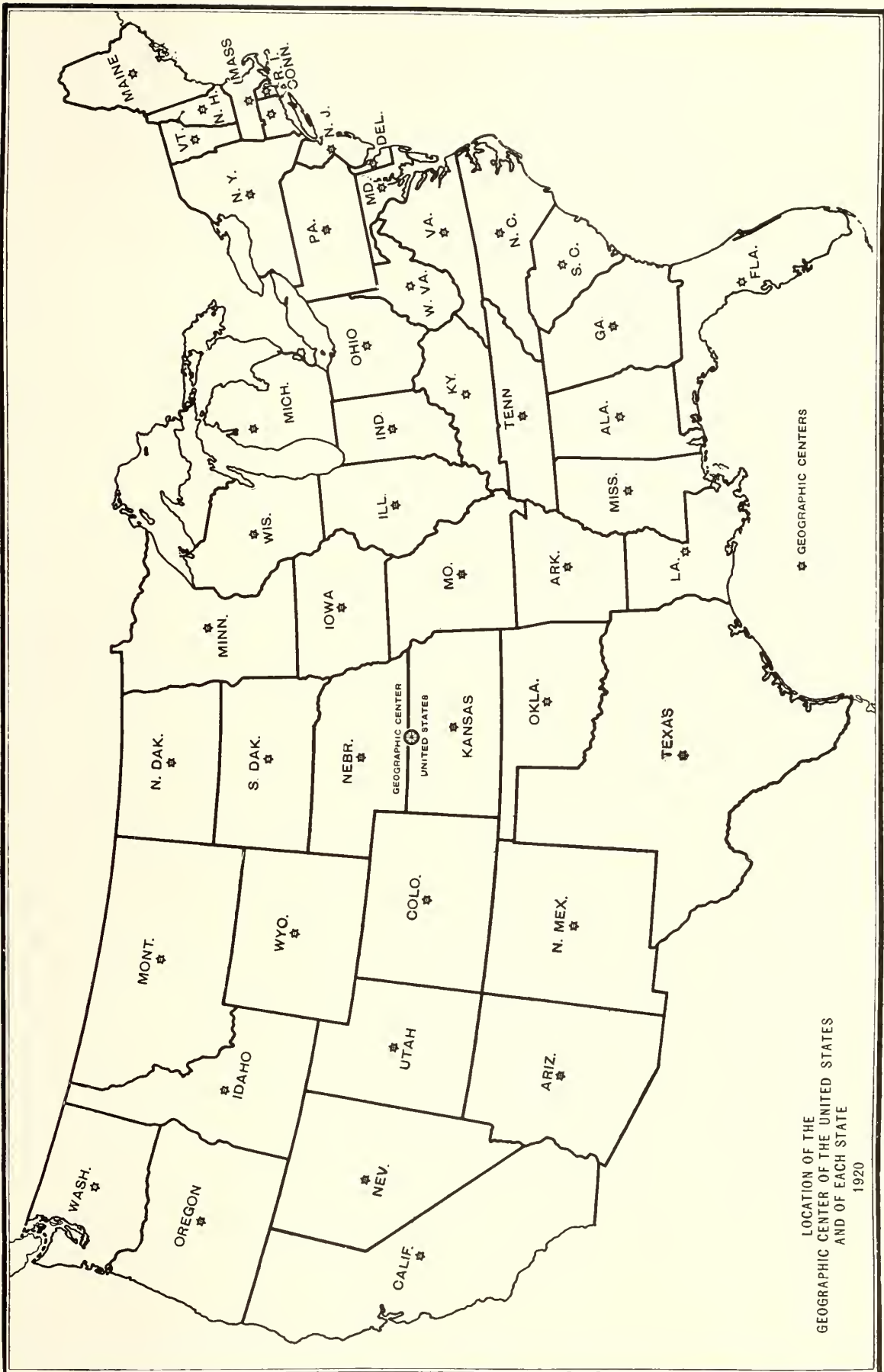


WYOMING





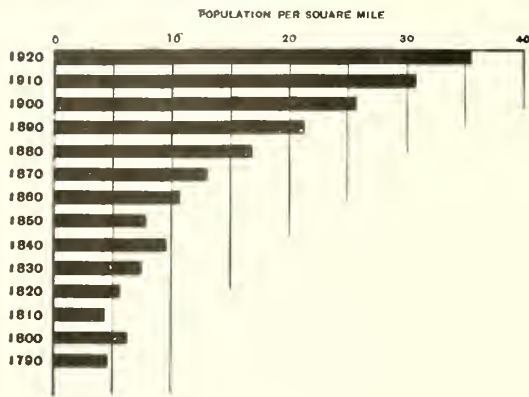




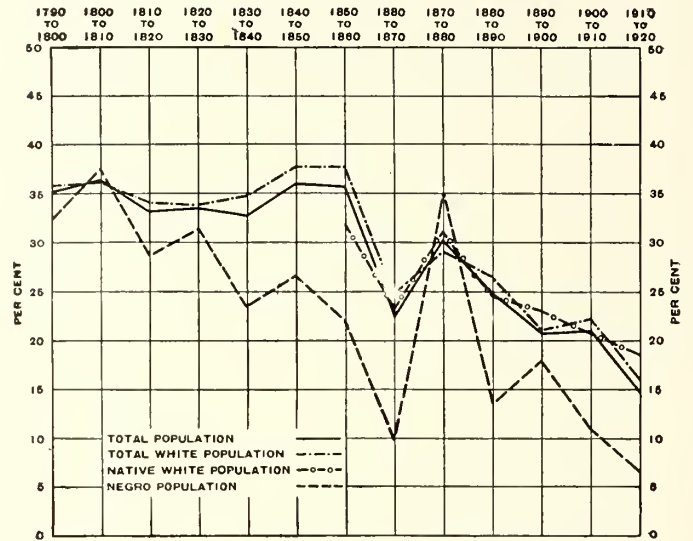
LOCATION OF THE  
GEOGRAPHIC CENTER OF THE UNITED STATES  
AND OF EACH STATE  
1920



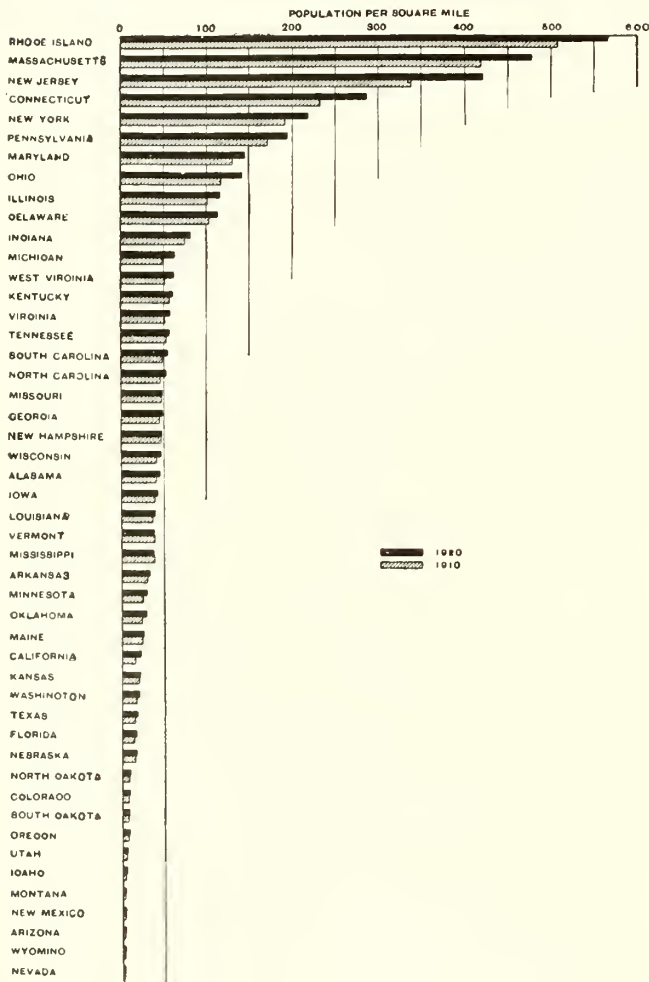
1. POPULATION PER SQUARE MILE: 1790-1920.



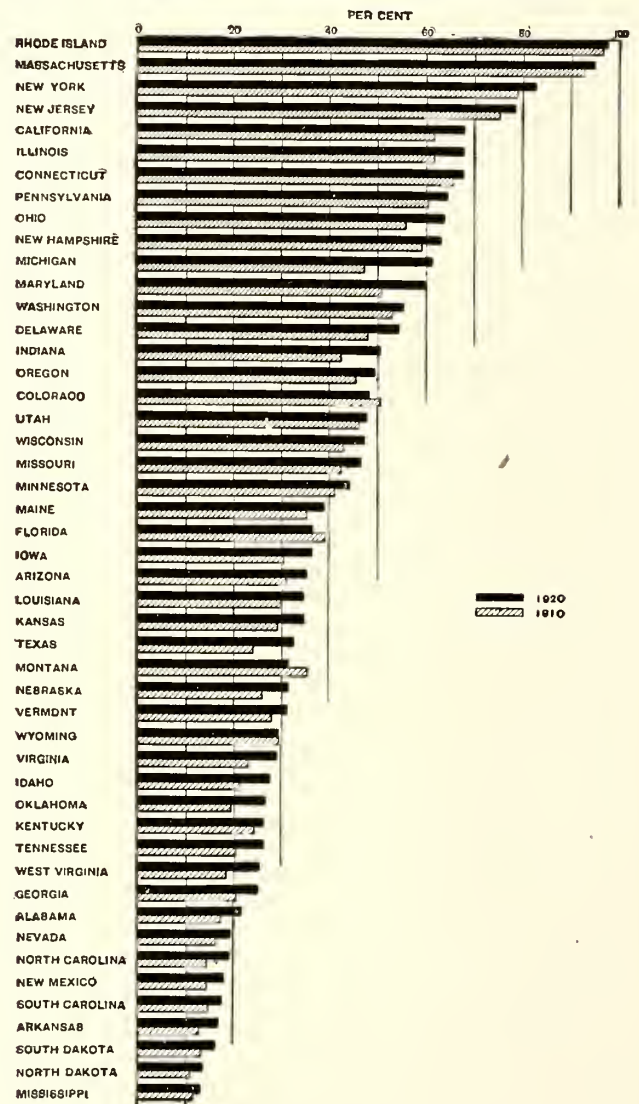
2. PER CENT OF INCREASE IN TOTAL, TOTAL WHITE, AND NEGRO POPULATION: 1790-1920, AND PER CENT OF INCREASE IN NATIVE WHITE: 1850-1920.



3. POPULATION PER SQUARE MILE, BY STATES: 1920 AND 1910.

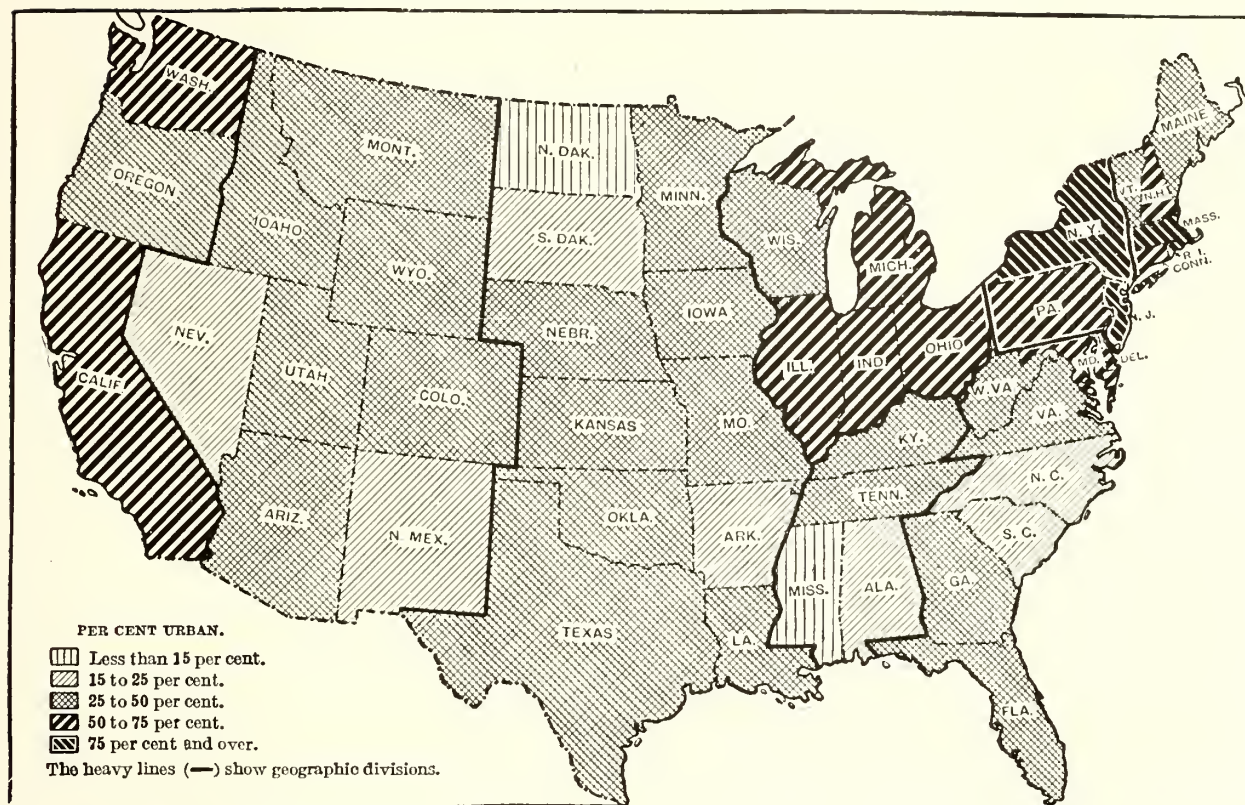


4. PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1920 AND 1910.

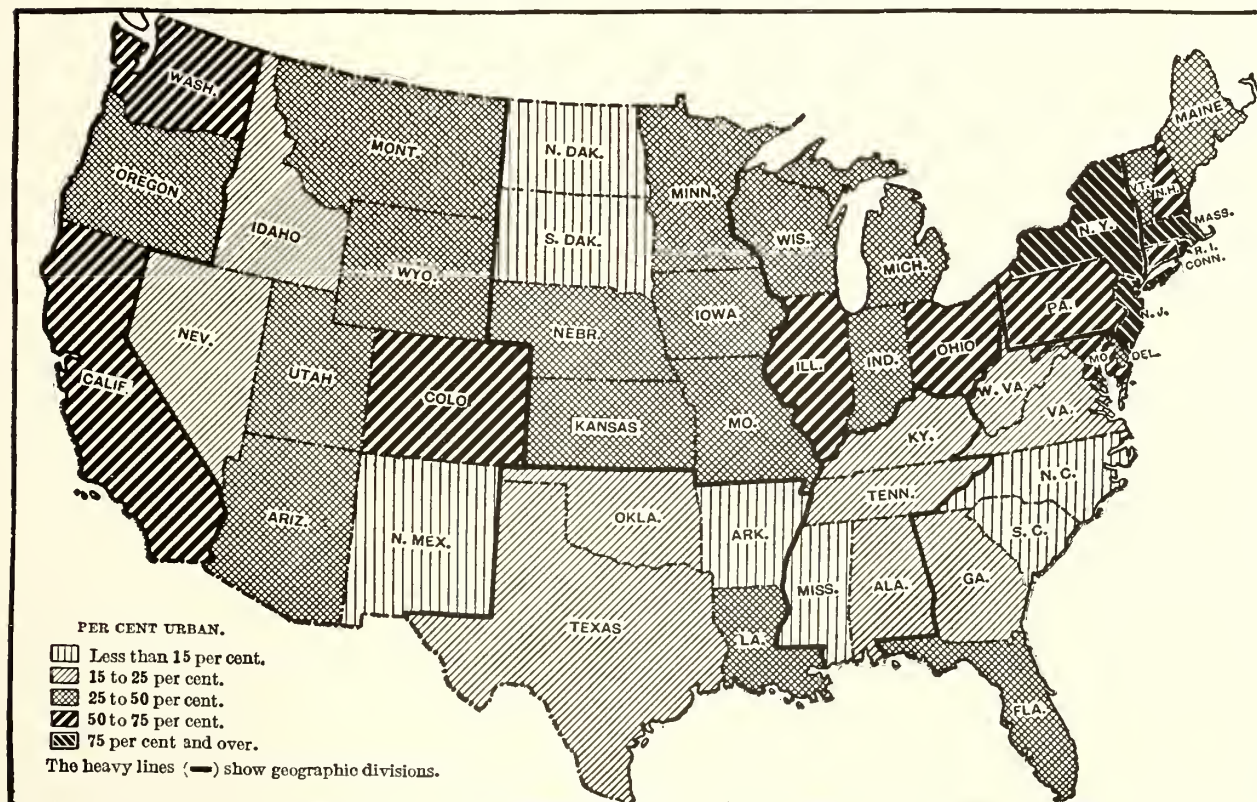




1. PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1920.

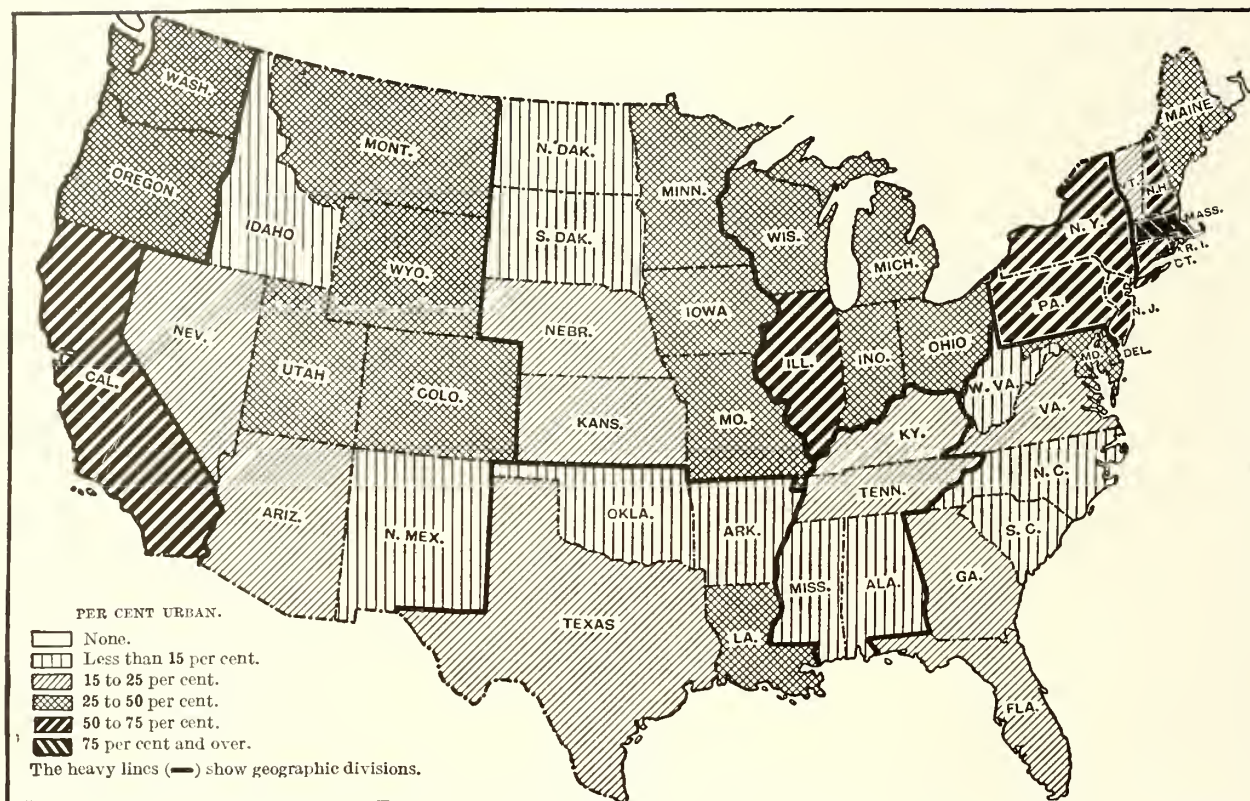


2. PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1910.

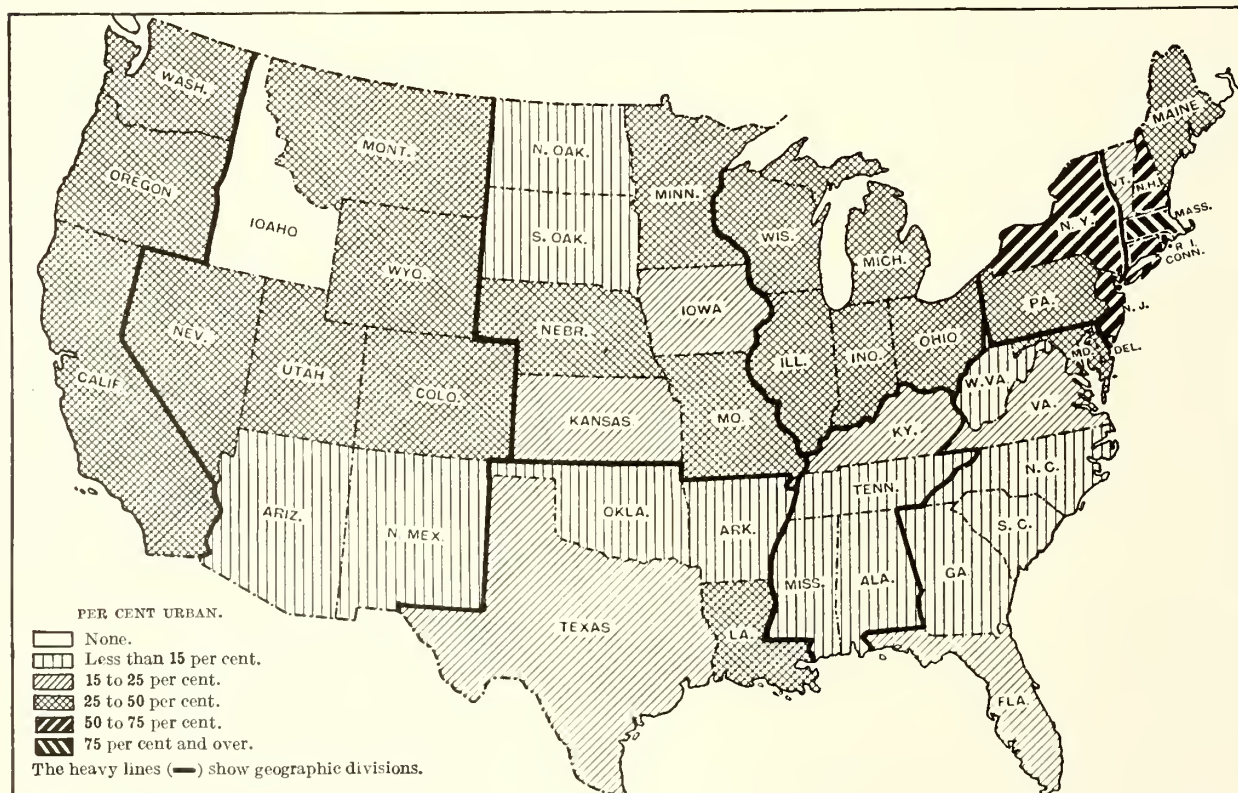




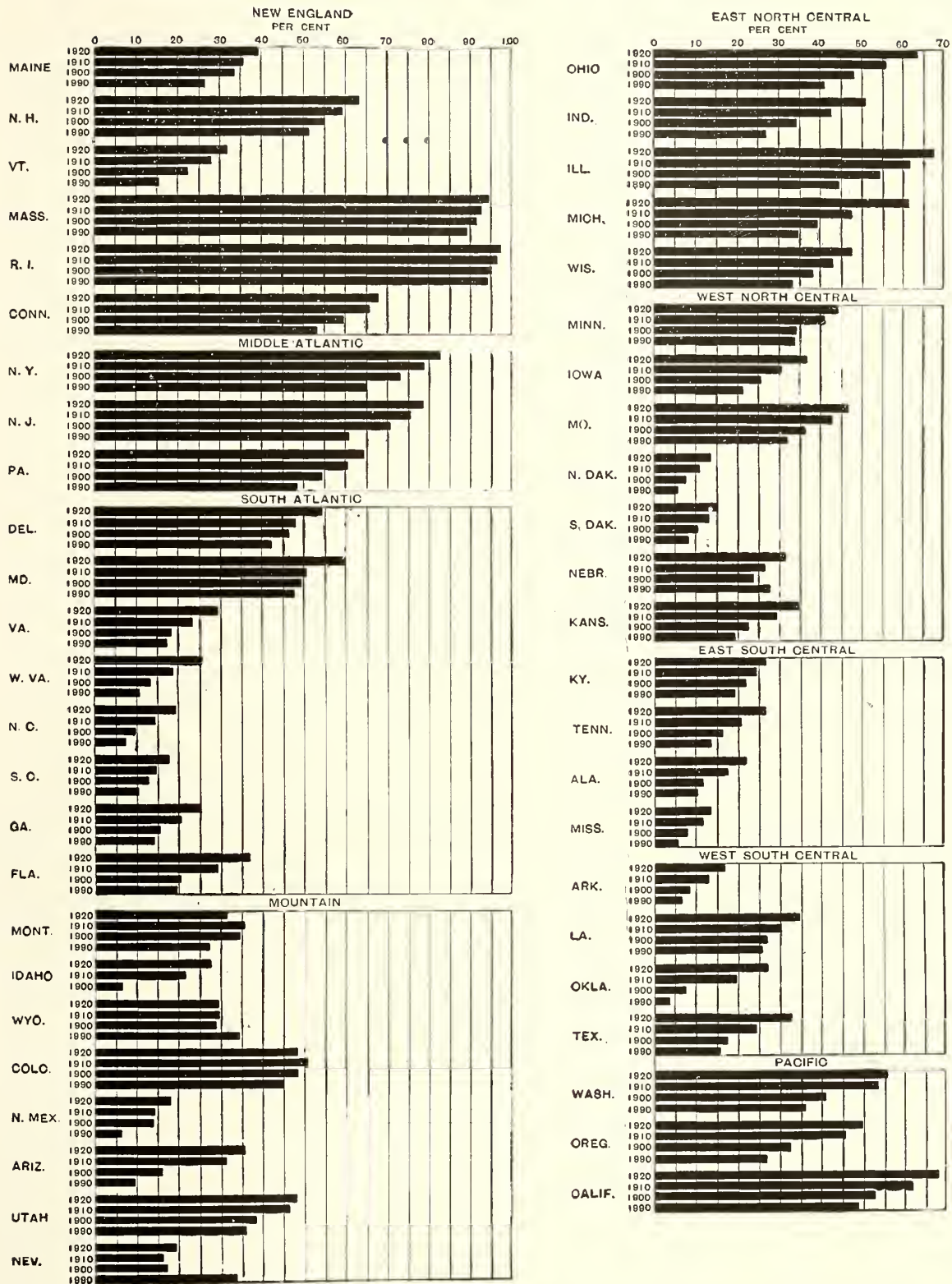
1. PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1900.



2. PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1890.

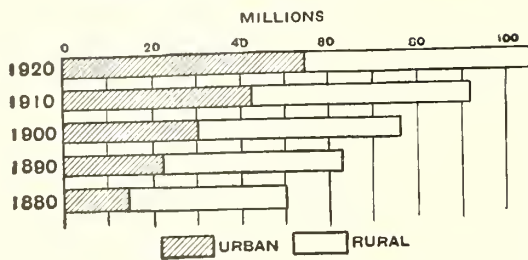


PER CENT URBAN IN TOTAL POPULATION, BY STATES: 1890-1920.

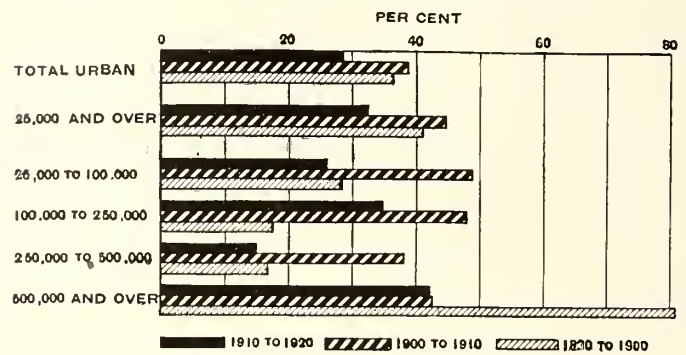




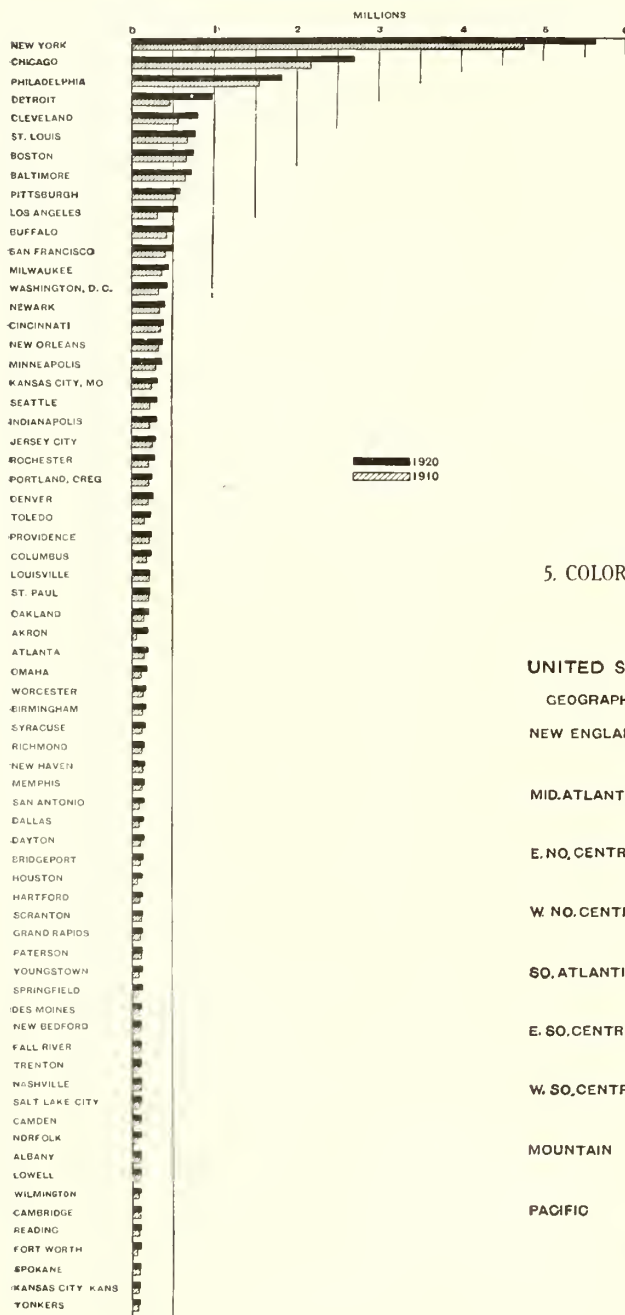
1. URBAN AND RURAL POPULATION: 1880-1920.



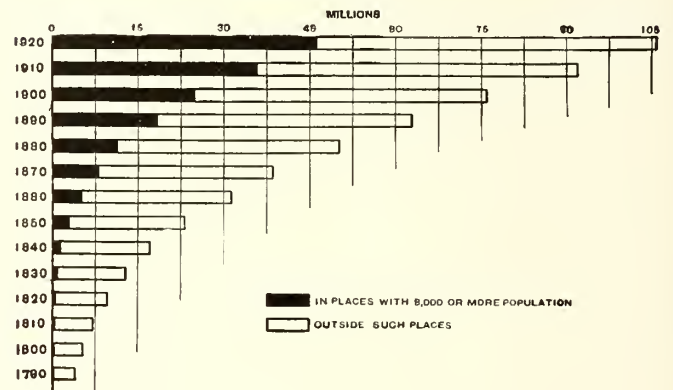
2. INCREASE IN URBAN POPULATION, BY CLASSES OF CITIES: 1890-1920.



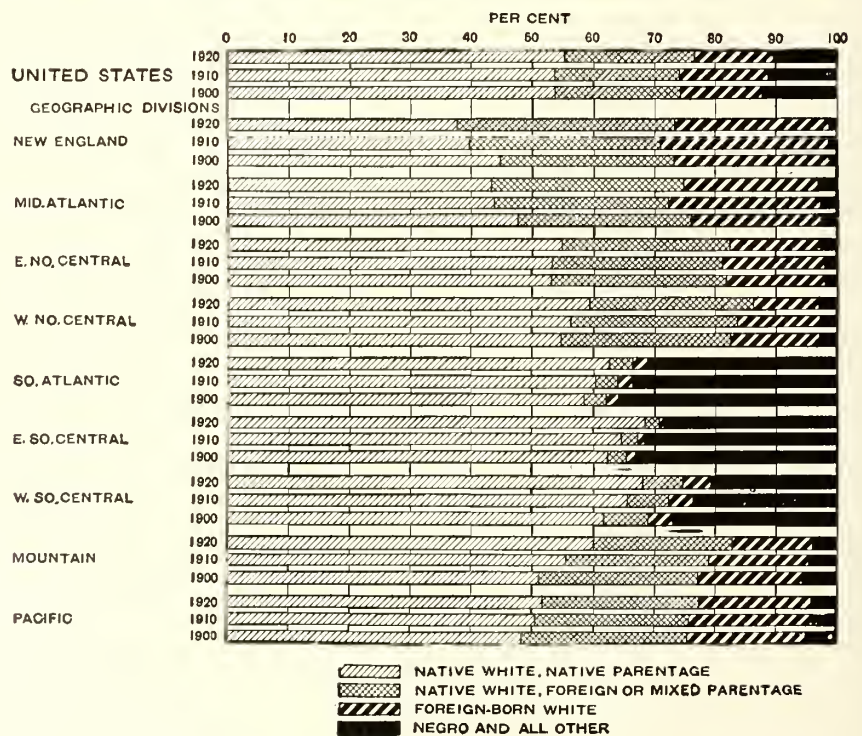
3. POPULATION OF CITIES HAVING, IN 1920, 100,000 INHABITANTS OR MORE: 1920 AND 1910.



4. POPULATION IN PLACES OF 8,000 INHABITANTS OR MORE AT EACH CENSUS: 1790-1920.

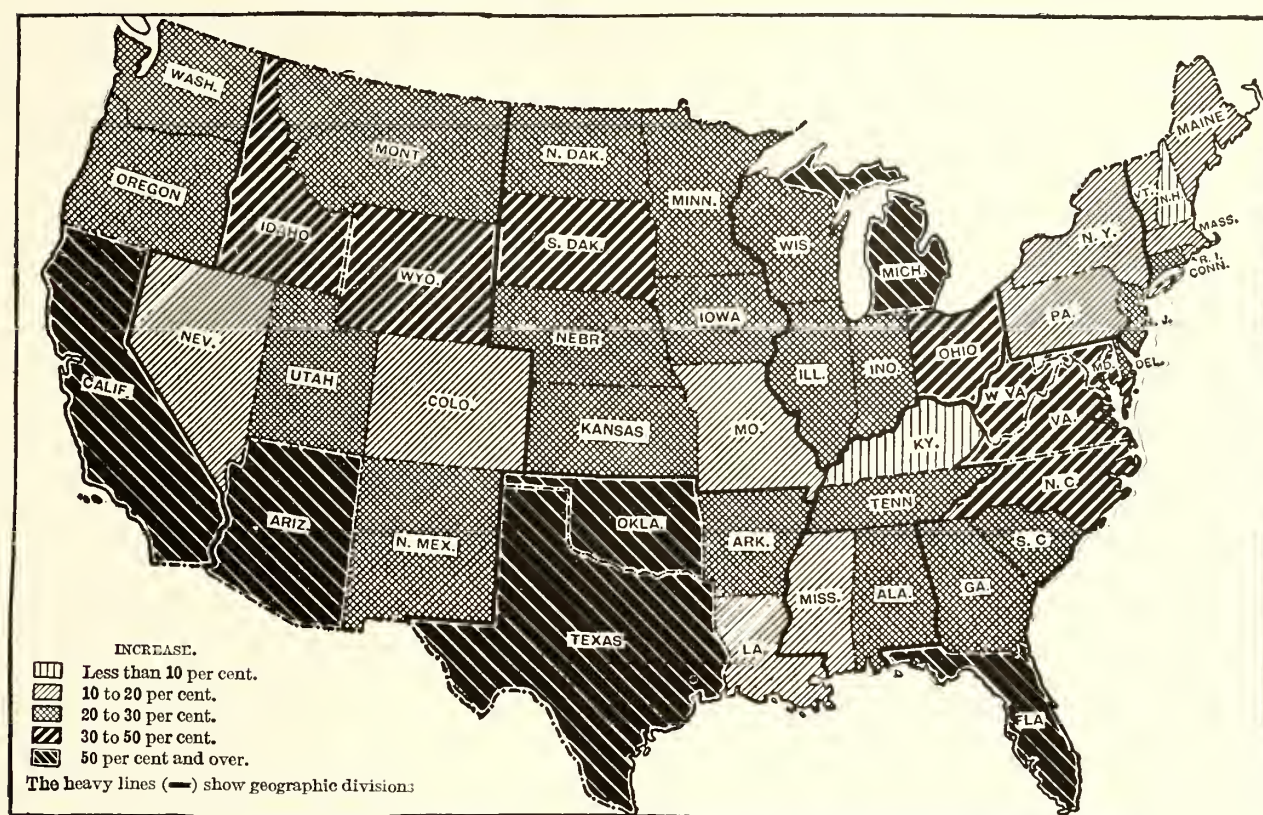


5. COLOR OR RACE, NATIVITY, AND PARENTAGE, BY DIVISIONS: 1920, 1910, AND 1900.

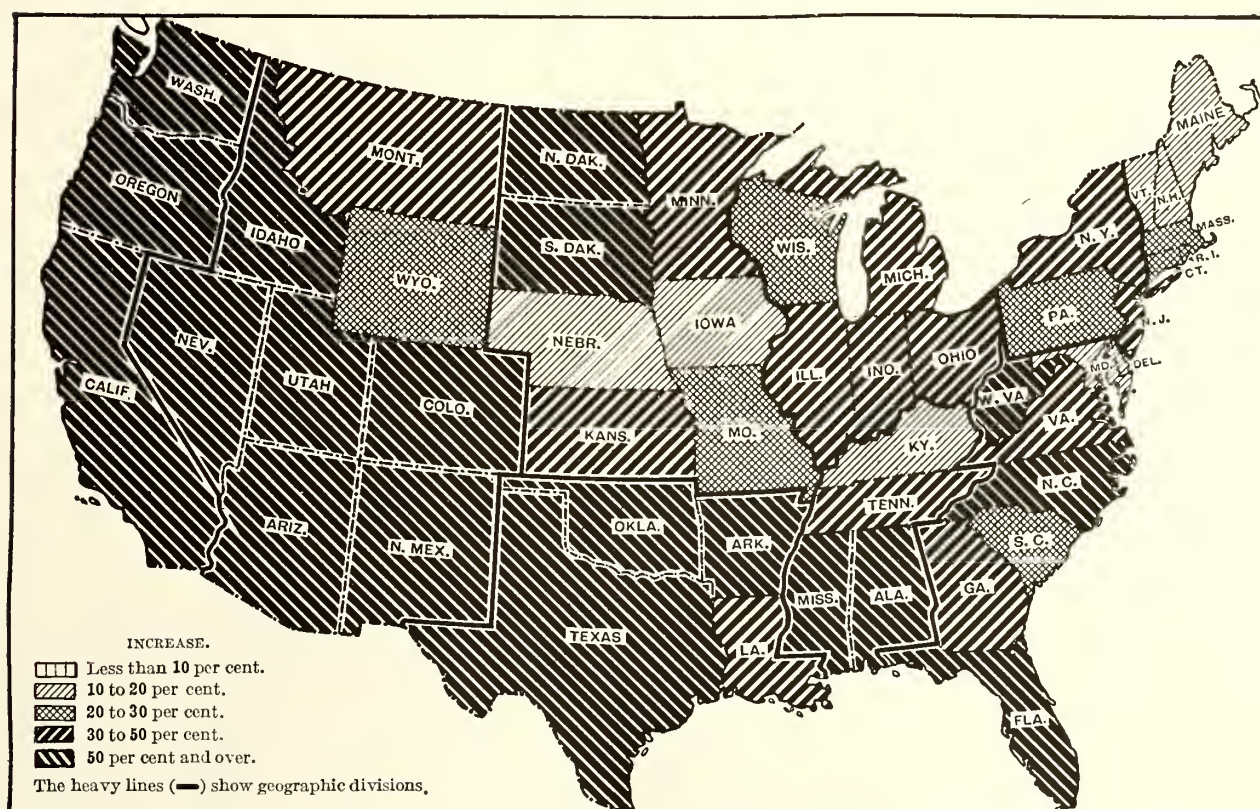




## 1. PER CENT OF INCREASE IN POPULATION OF TERRITORY URBAN IN 1920, BY STATES: 1910-1920.

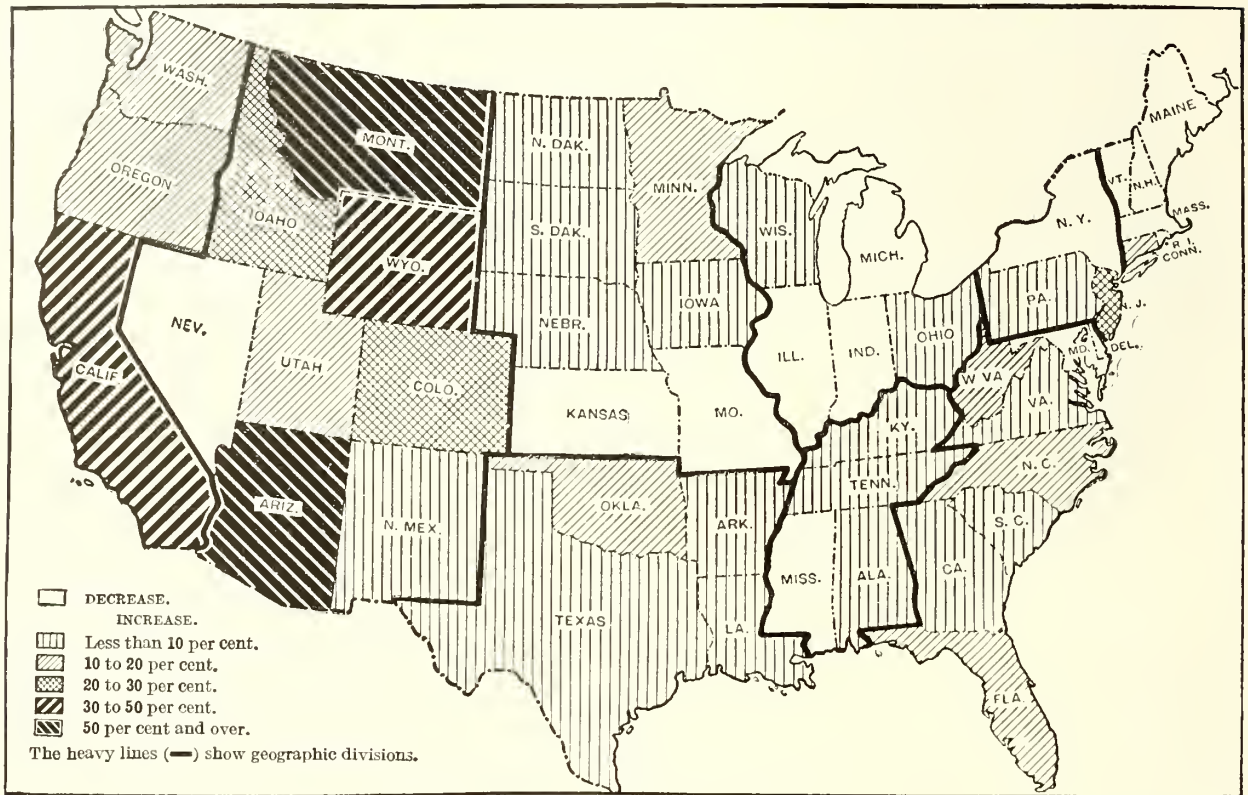


## 2. PER CENT OF INCREASE IN POPULATION OF TERRITORY URBAN IN 1910, BY STATES: 1900-1910.

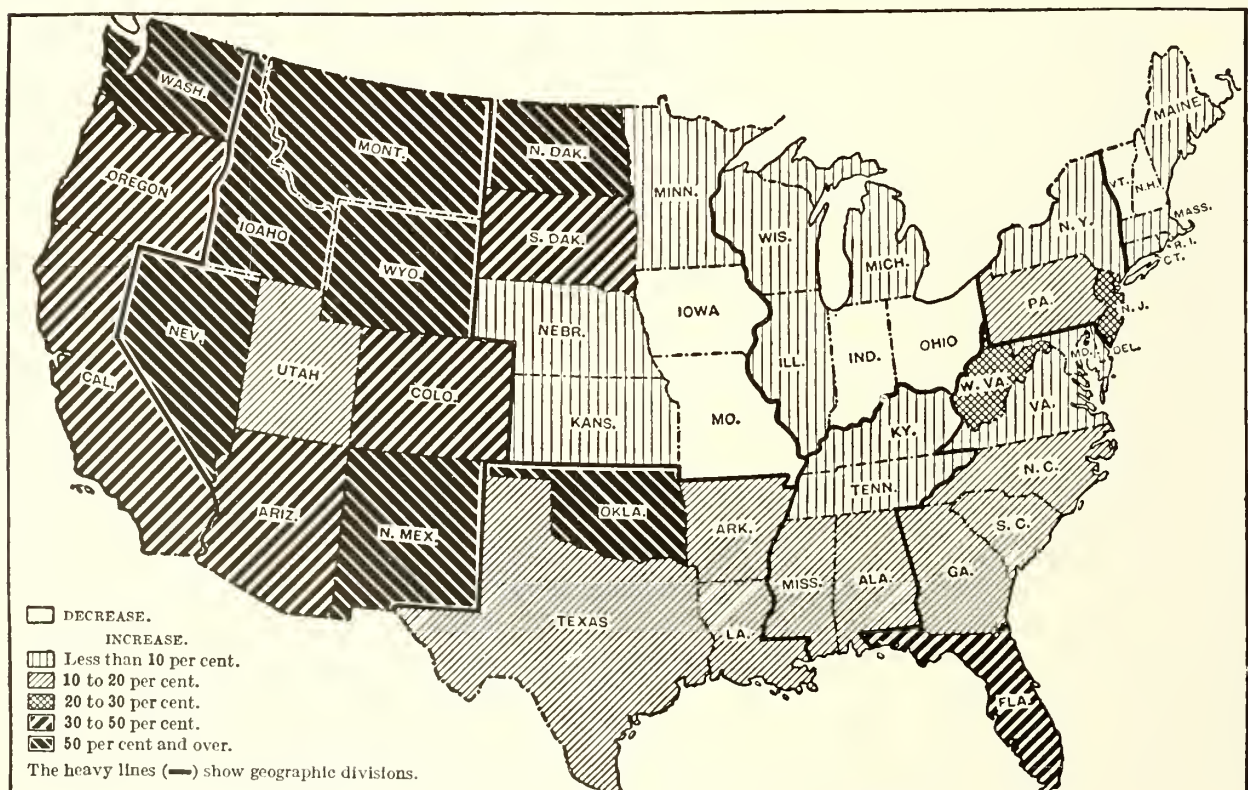




1. PER CENT OF INCREASE IN POPULATION OF TERRITORY RURAL IN 1920, BY STATES: 1910-1920.



2. PER CENT OF INCREASE IN POPULATION OF TERRITORY RURAL IN 1910, BY STATES: 1900-1910.



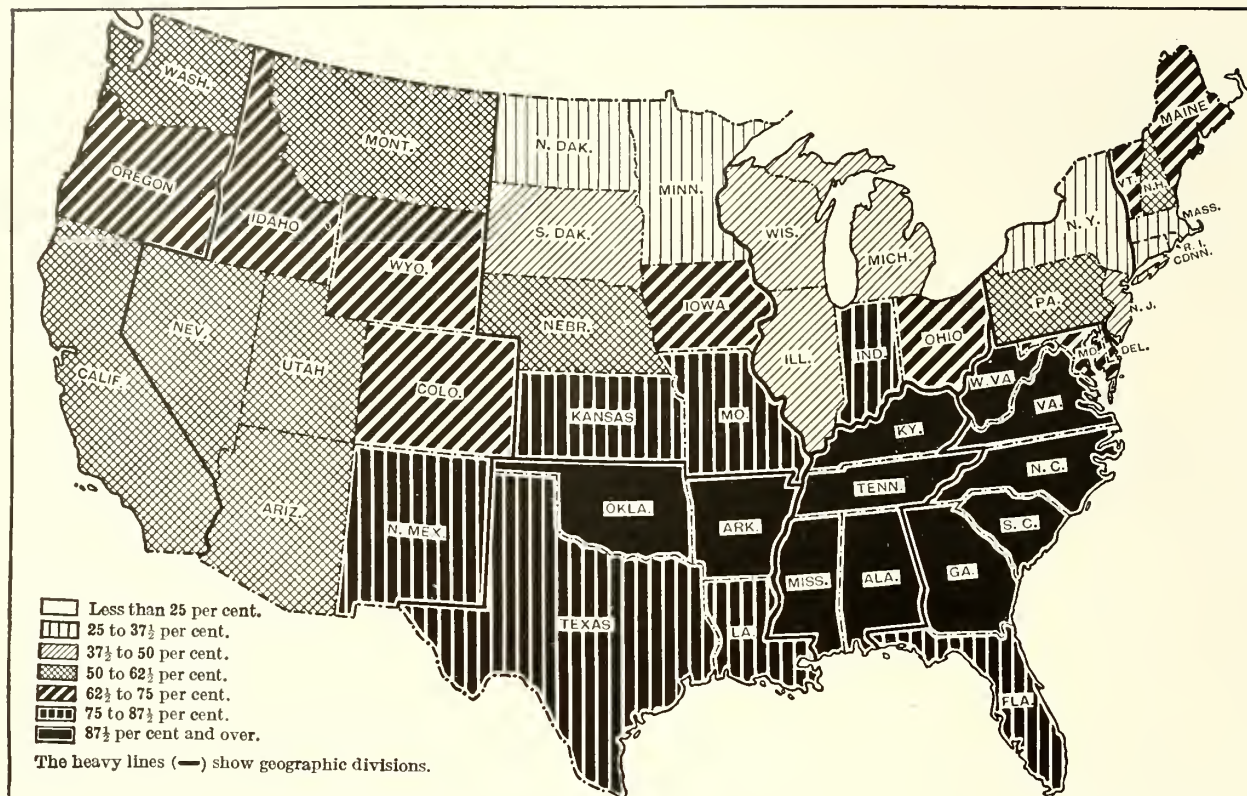
TOTAL POPULATION OF GREAT CITIES AT EACH CENSUS: 1790-1920.



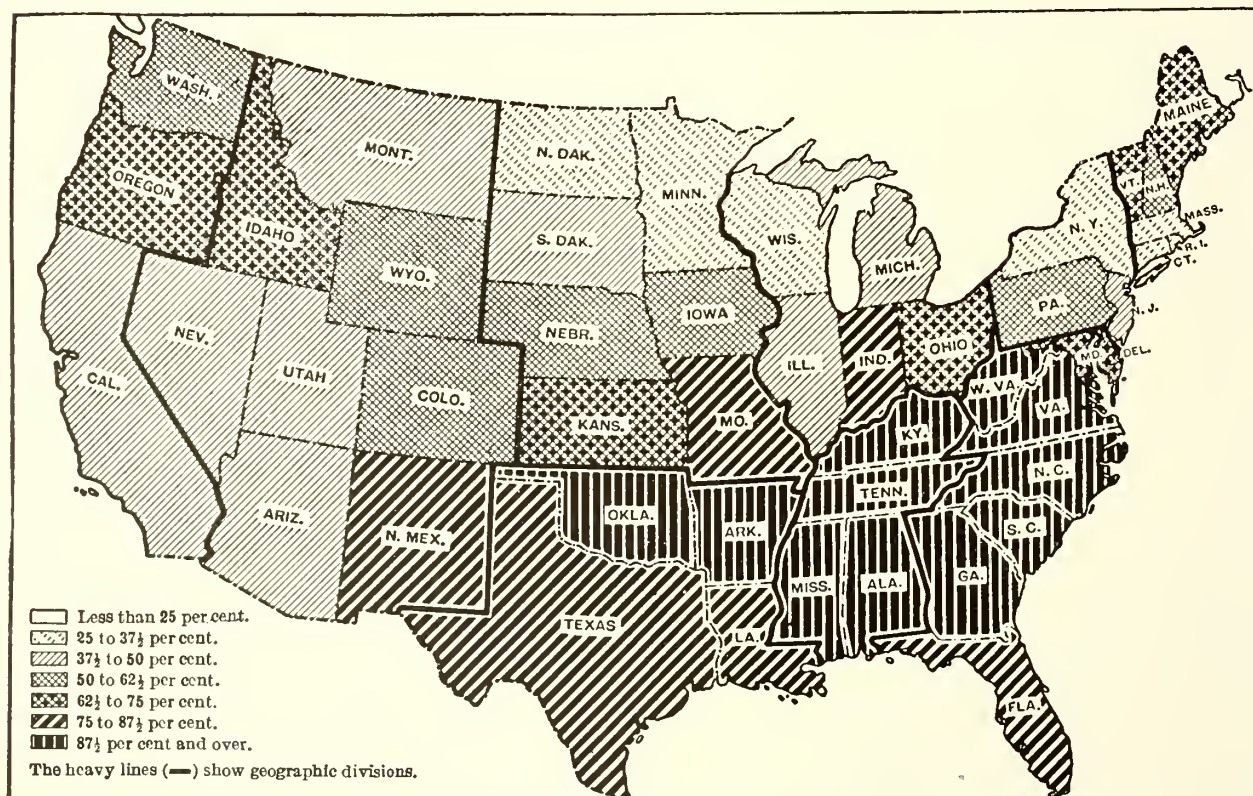


1. PER CENT OF NATIVE WHITE OF NATIVE PARENTAGE IN WHITE POPULATION, BY STATES: 1920.

[District of Columbia, 73.3 per cent, not shown separately on the map.]



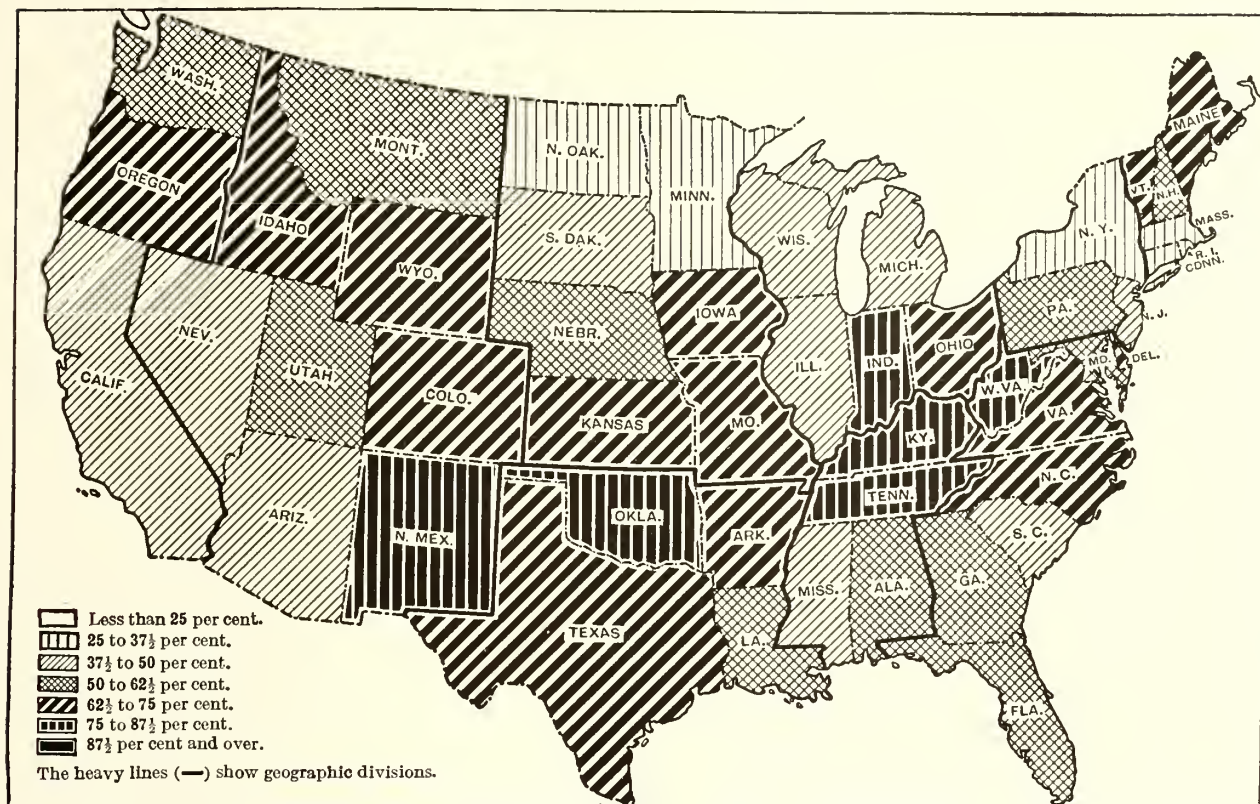
2. PER CENT OF NATIVE WHITE OF NATIVE PARENTAGE IN WHITE POPULATION, BY STATES: 1910.



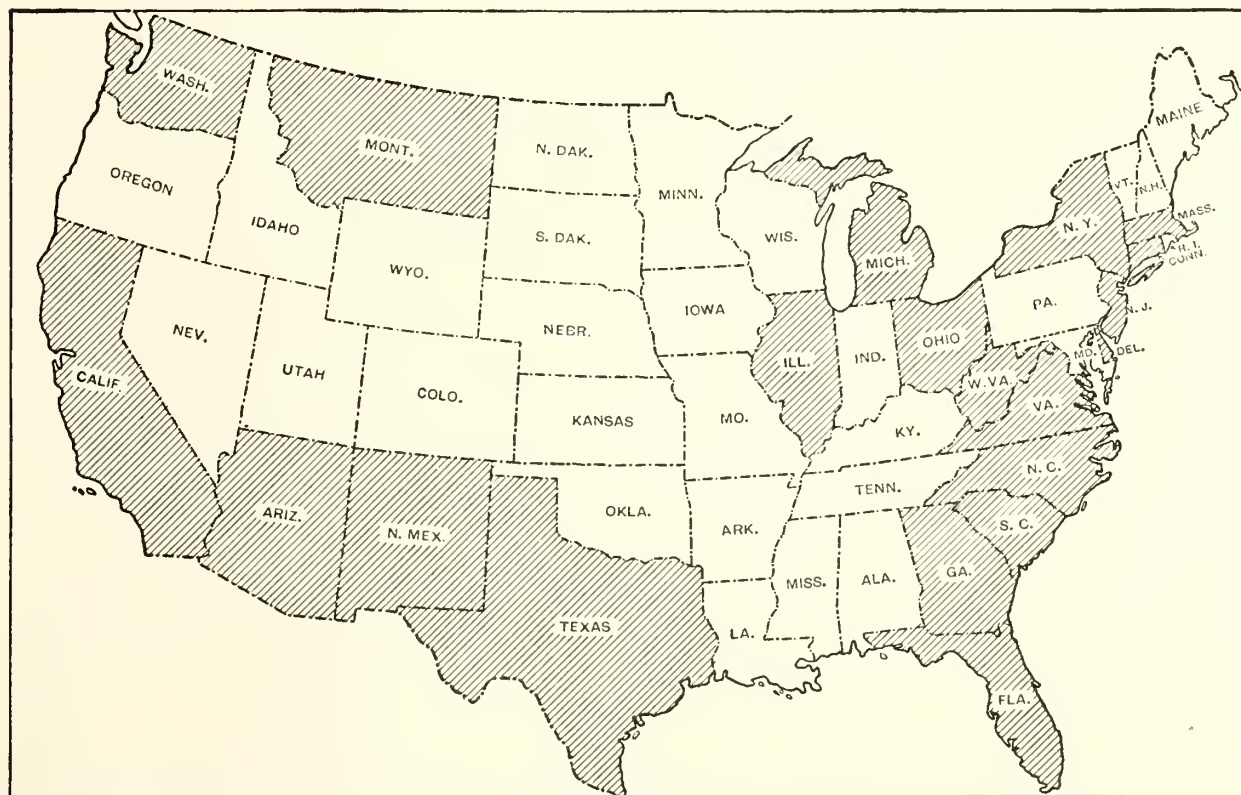


1. PER CENT OF NATIVE WHITE OF NATIVE PARENTAGE IN TOTAL POPULATION, BY STATES: 1920.

[District of Columbia, 54.7 per cent, not shown separately on the map.]



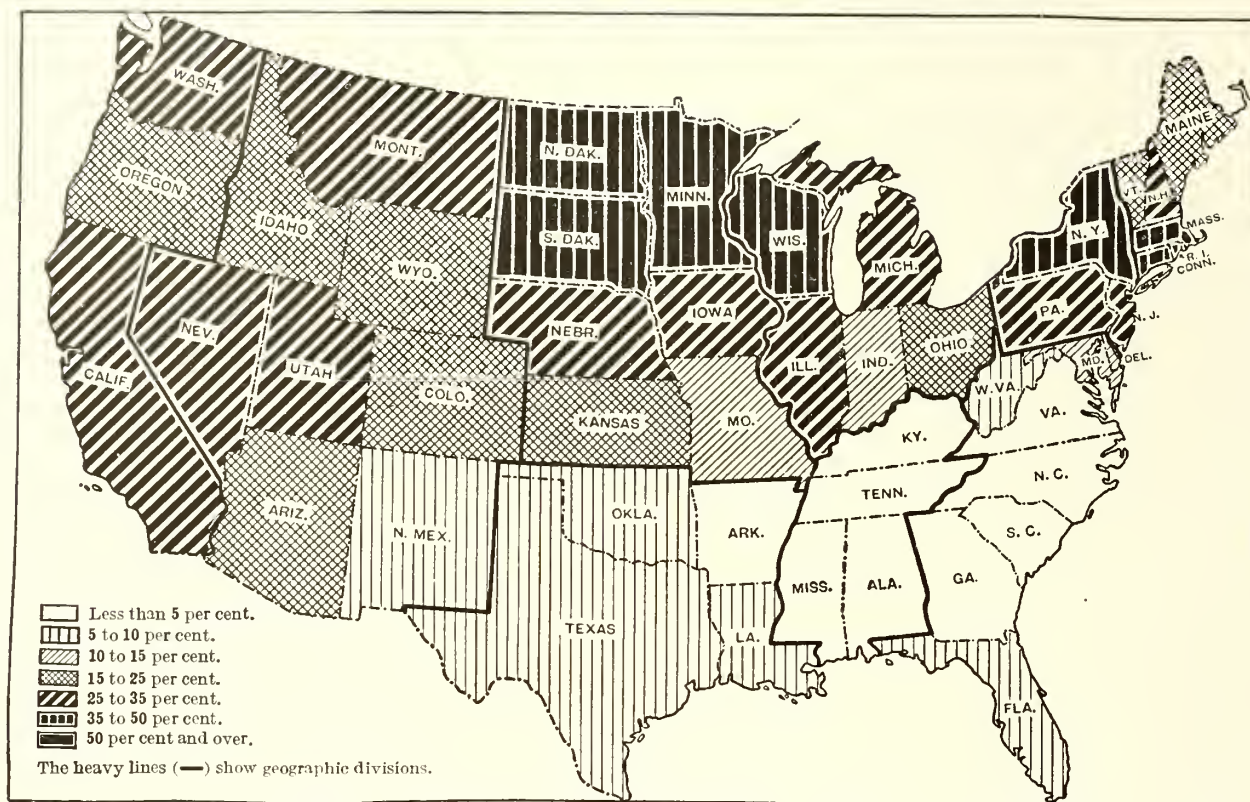
## 2. STATES (SHADED) SHOWING INCREASE IN FOREIGN-BORN WHITE: 1910-1920.



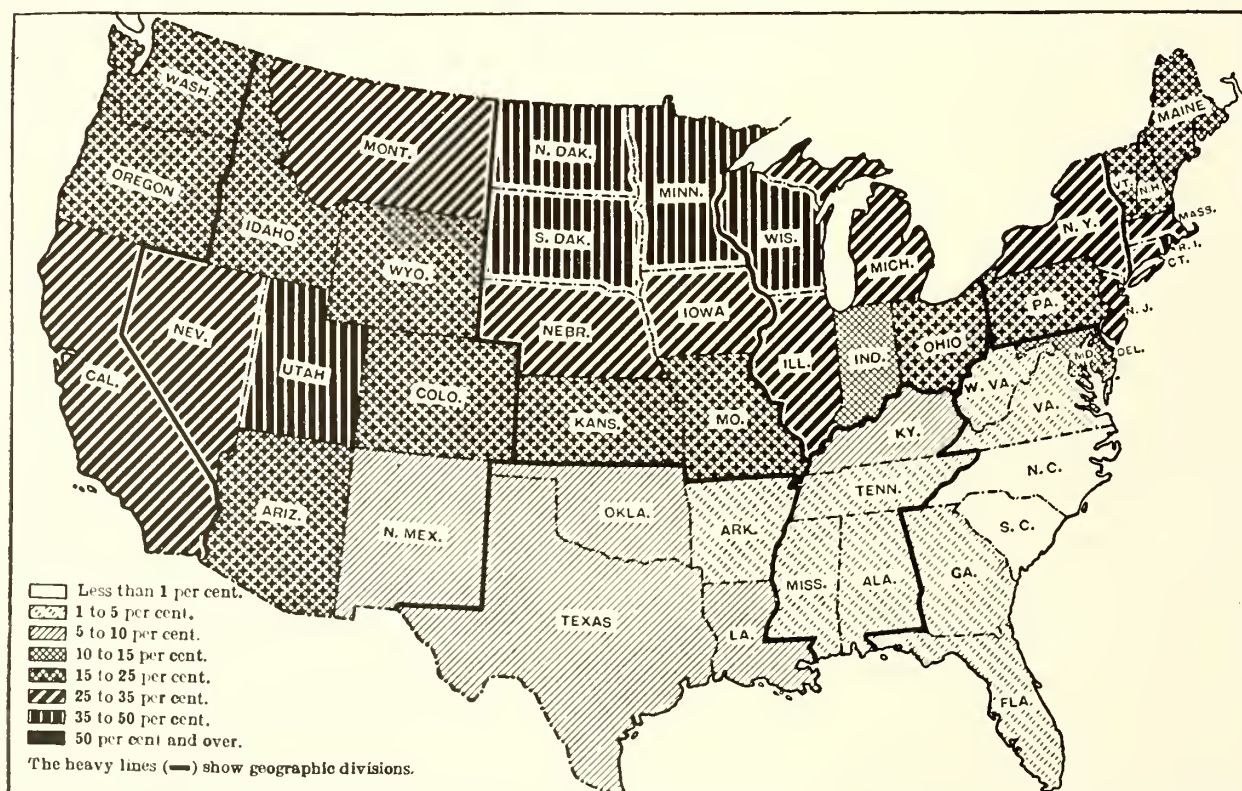


## 1. PER CENT OF NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE IN TOTAL POPULATION, BY STATES: 1920.

[District of Columbia, 13.4 per cent, not shown separately on the map.]



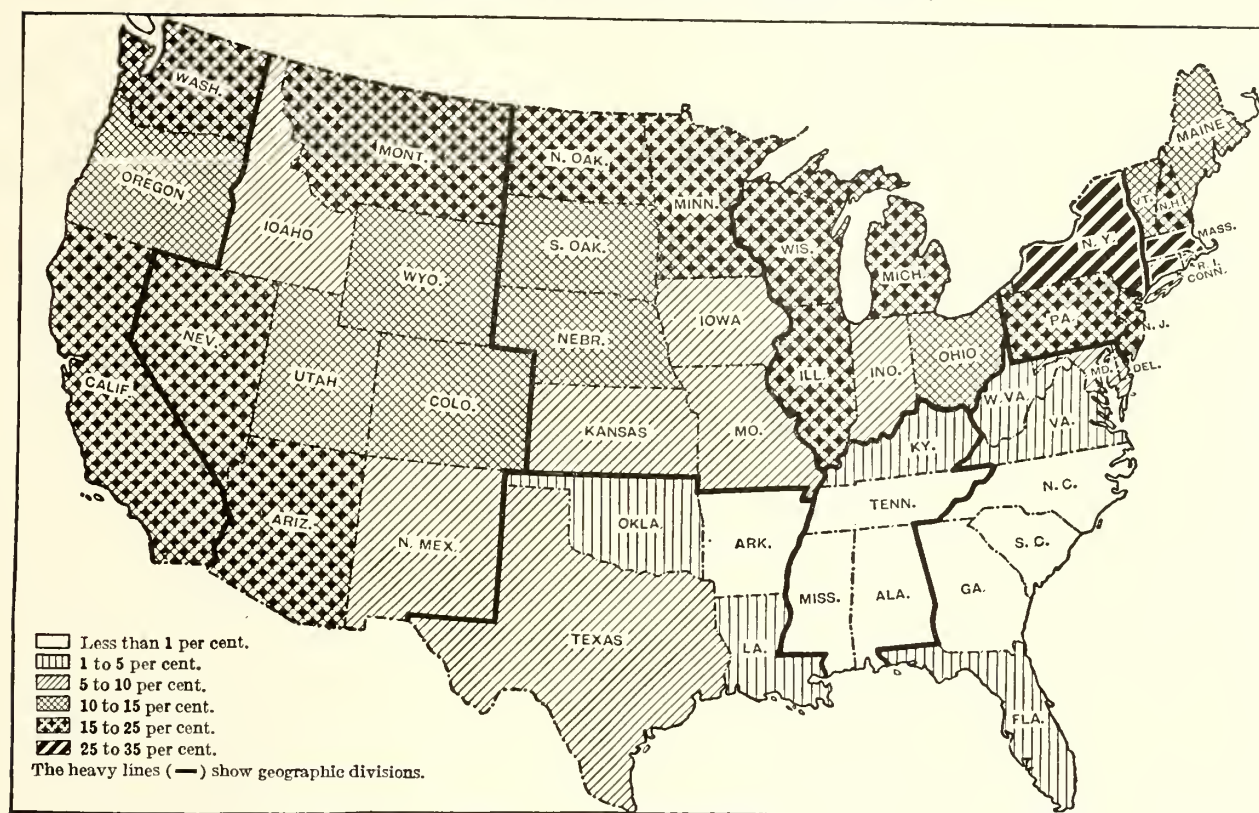
## 2. PER CENT OF NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE IN TOTAL POPULATION, BY STATES: 1910.



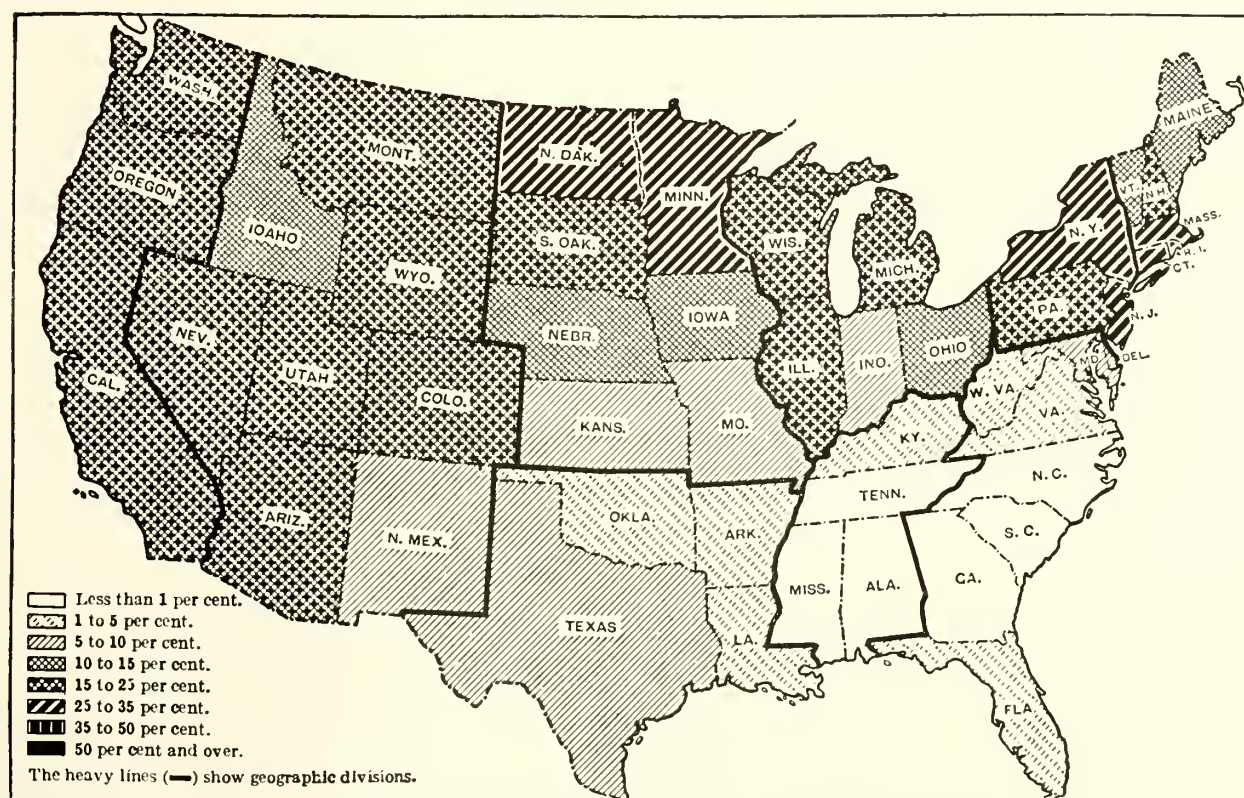


## 1. PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY STATES: 1920.

[District of Columbia, 6.5 per cent, not shown separately on the map.]



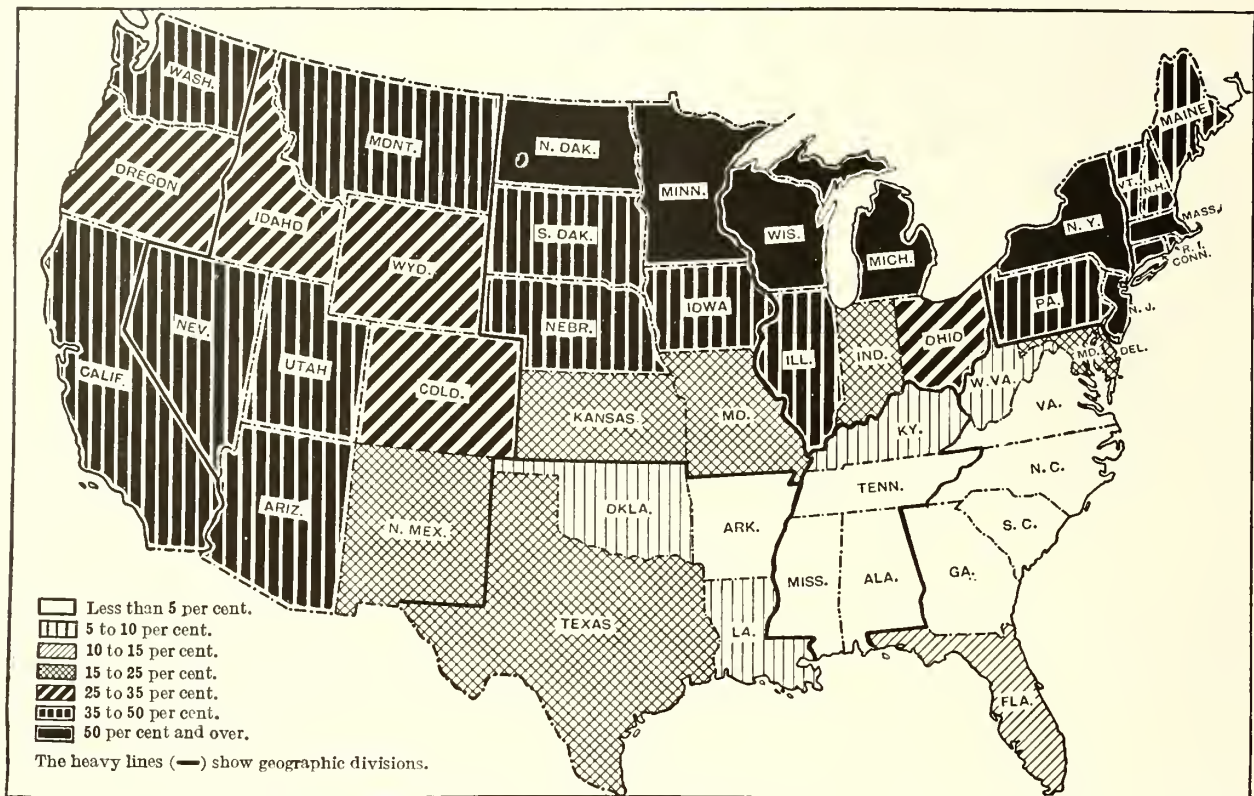
## 2. PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY STATES: 1910.



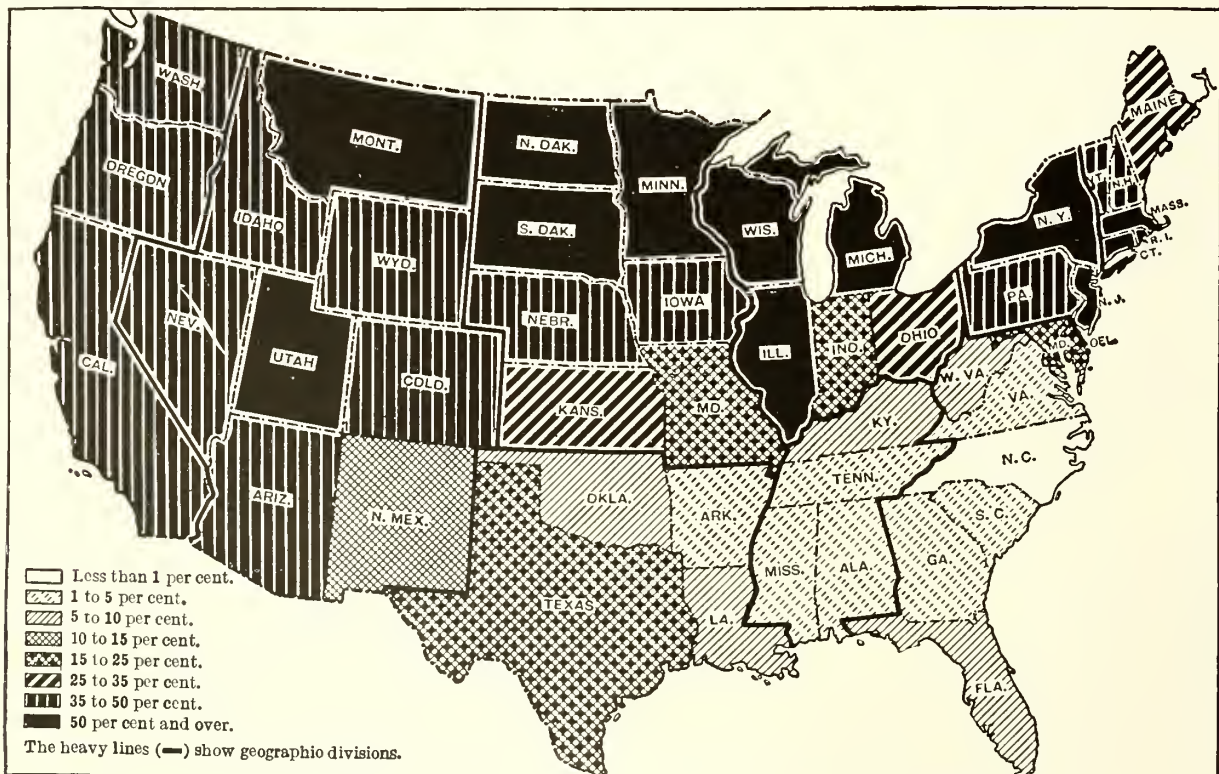


1. PER CENT OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE COMBINED IN TOTAL POPULATION, BY STATES: 1920.

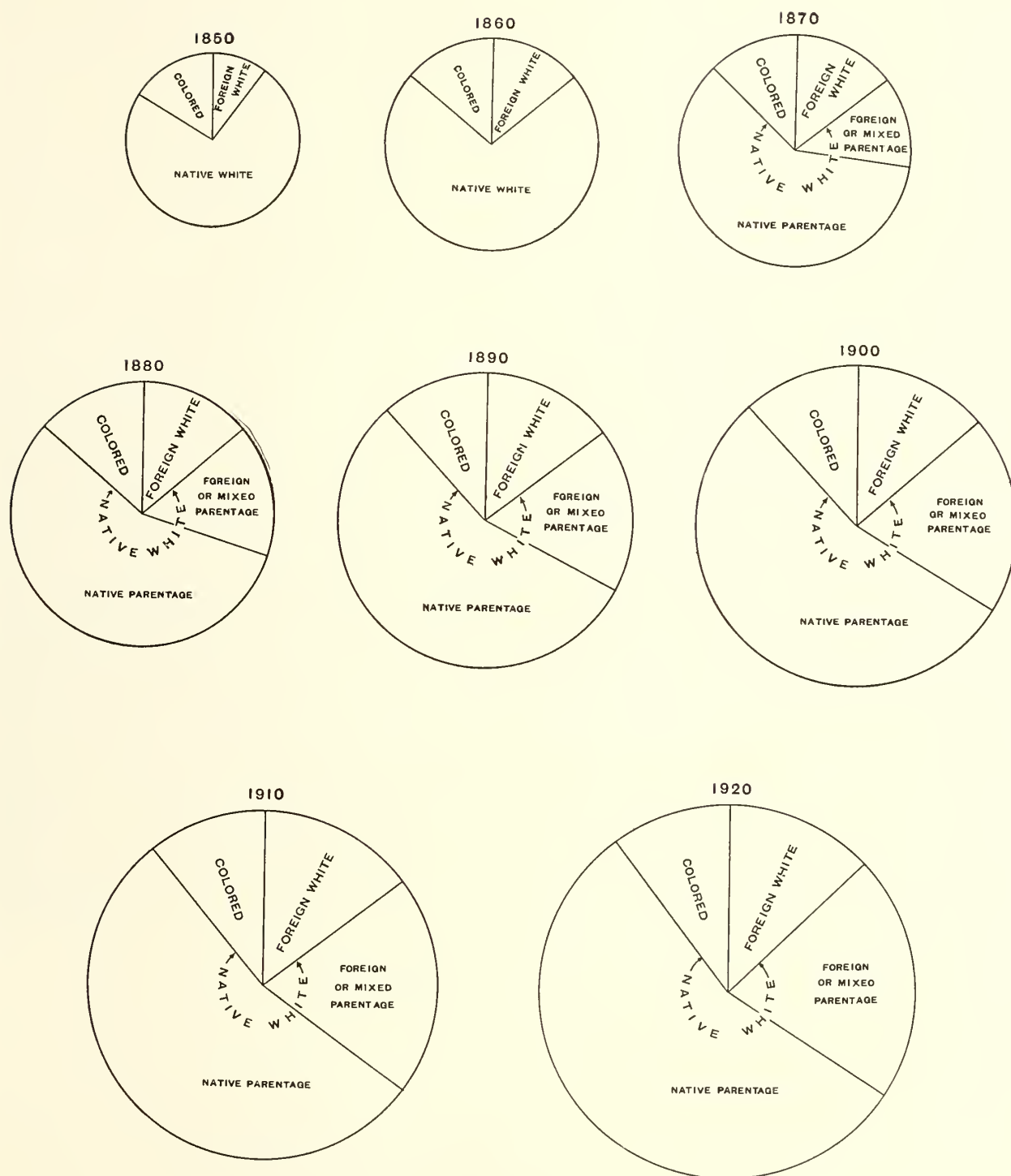
[District of Columbia, 19.9 per cent, not shown separately on the map.]



2. PER CENT OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE COMBINED IN TOTAL POPULATION, BY STATES: 1910.

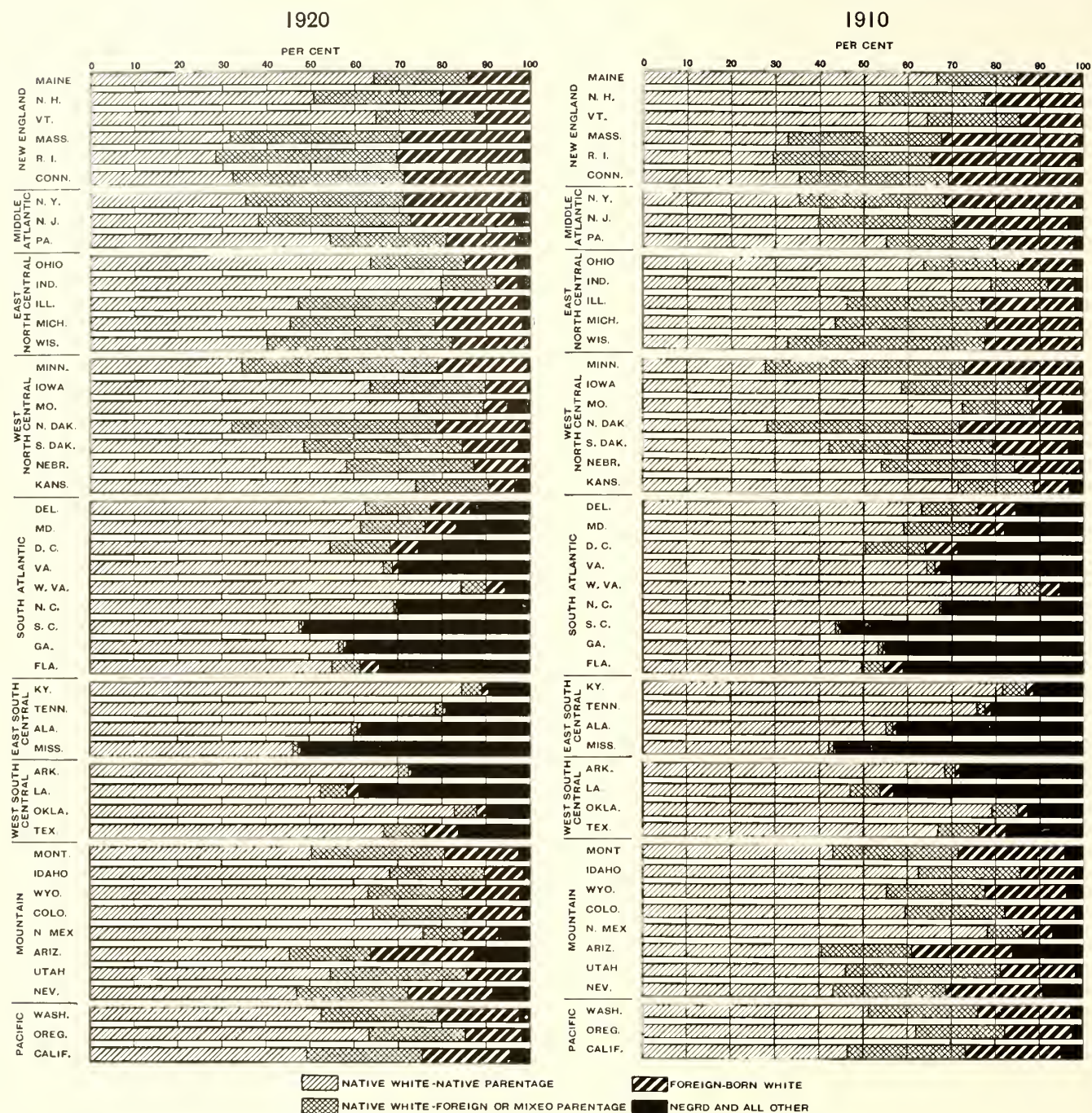


TOTAL POPULATION AND DISTRIBUTION, BY CLASSES: 1850-1920.

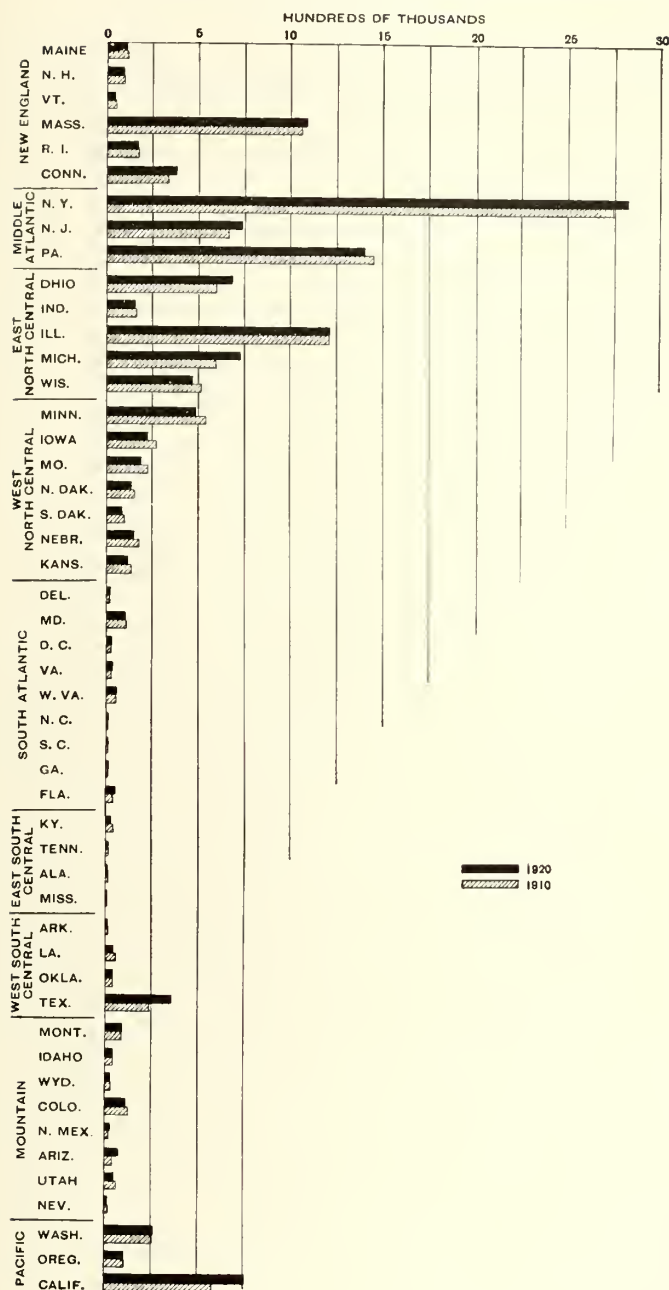




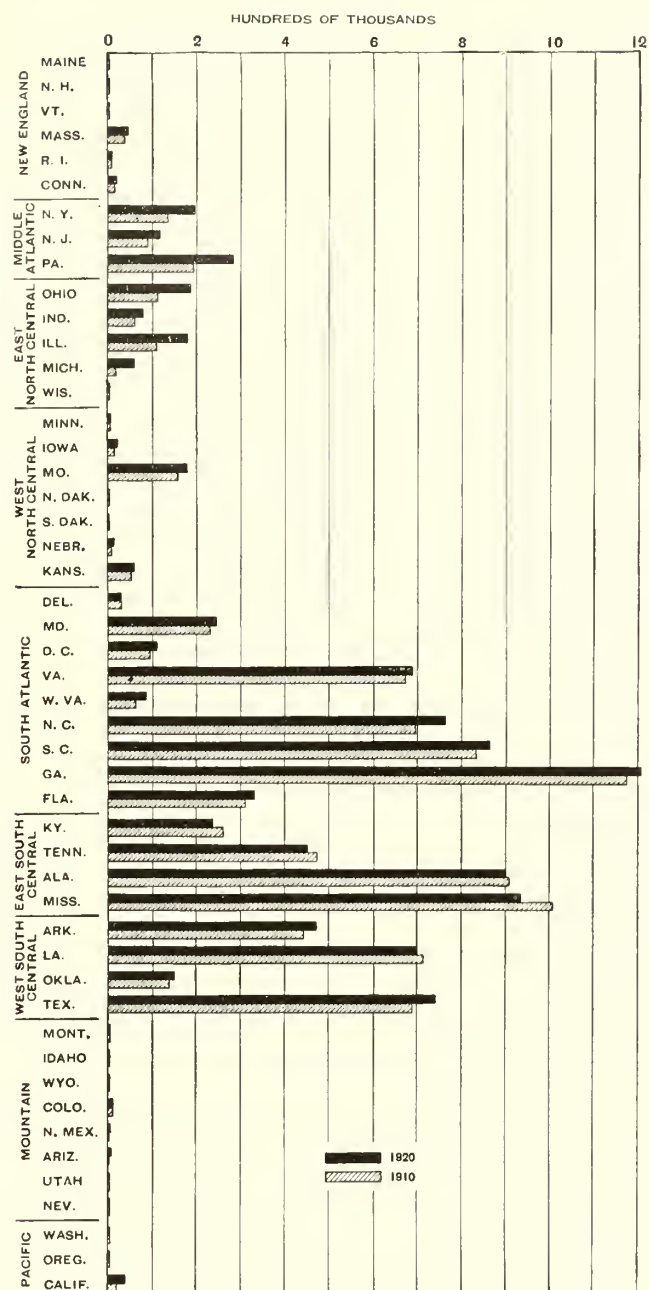
COLOR OR RACE, NATIVITY, AND PARENTAGE, BY STATES: 1920 AND 1910.



1. FOREIGN-BORN POPULATION, BY STATES: 1920 AND 1910.



2. NEGRO POPULATION, BY STATES: 1920 AND 1910.





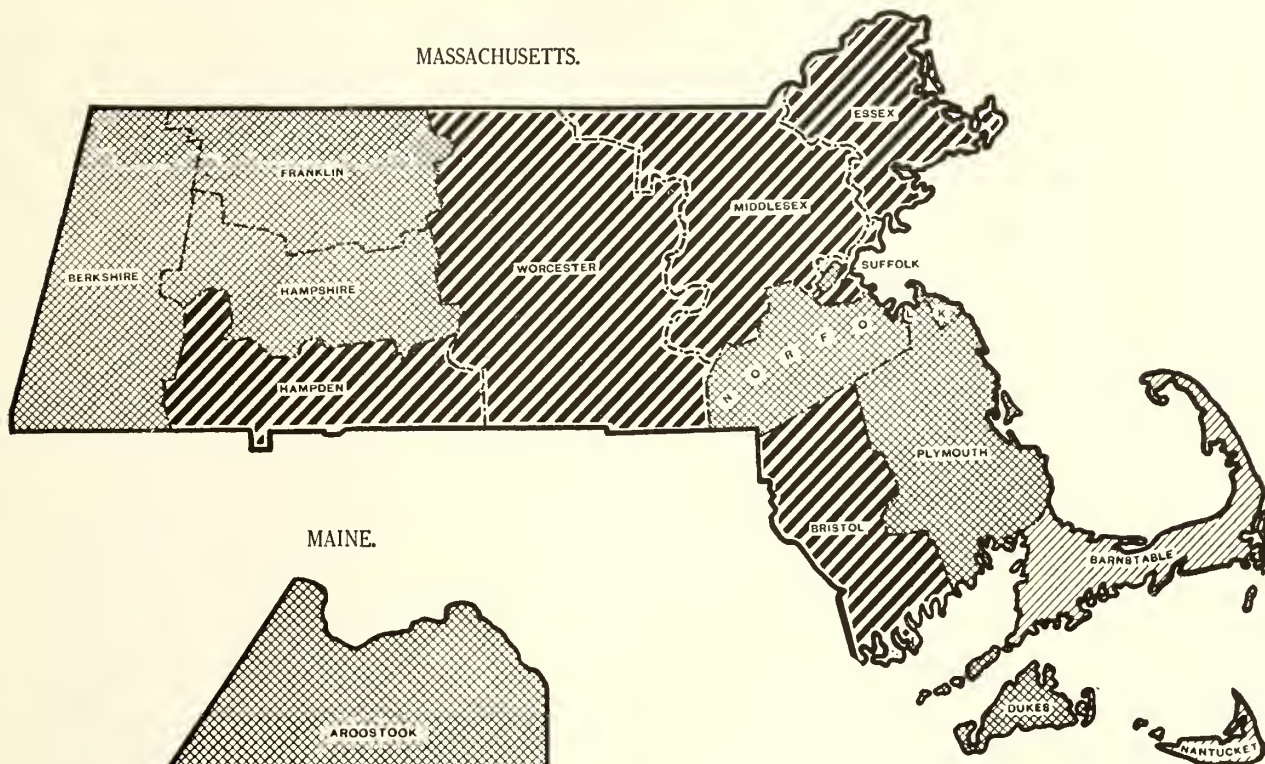
COLOR OR RACE, NATIVITY, AND PARENTAGE, FOR CITIES HAVING, IN 1920, 100,000 INHABITANTS OR MORE: 1920 AND 1910.



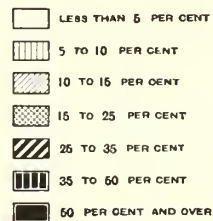
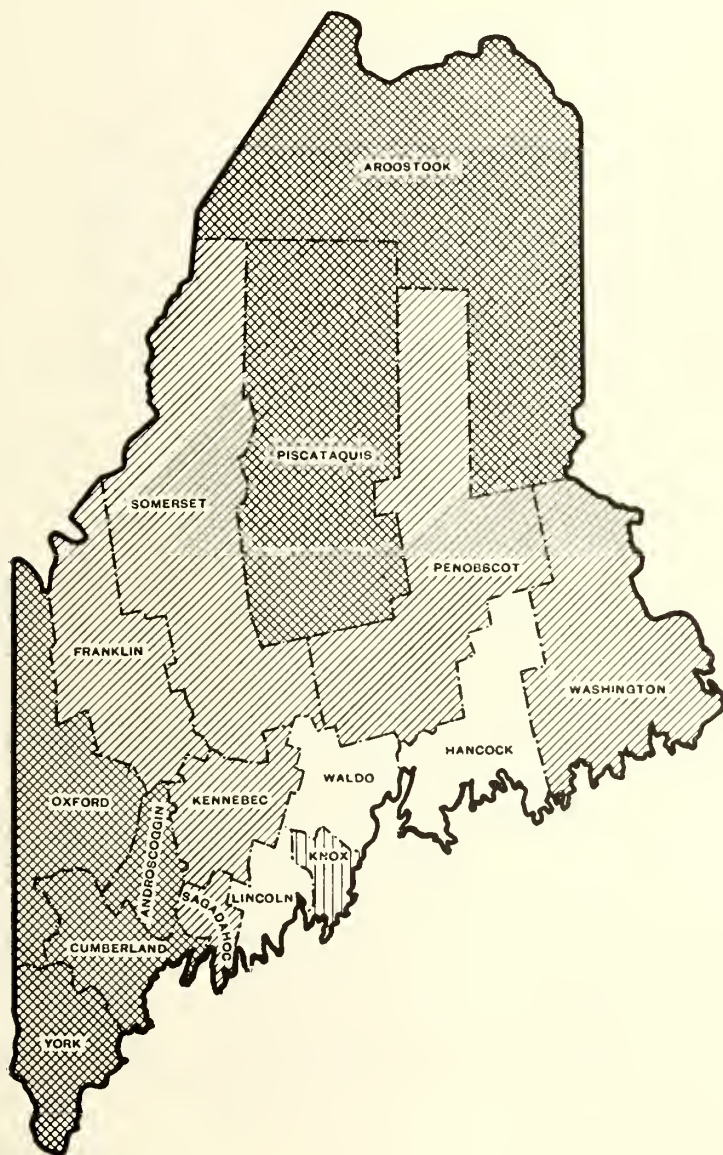


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

MASSACHUSETTS.



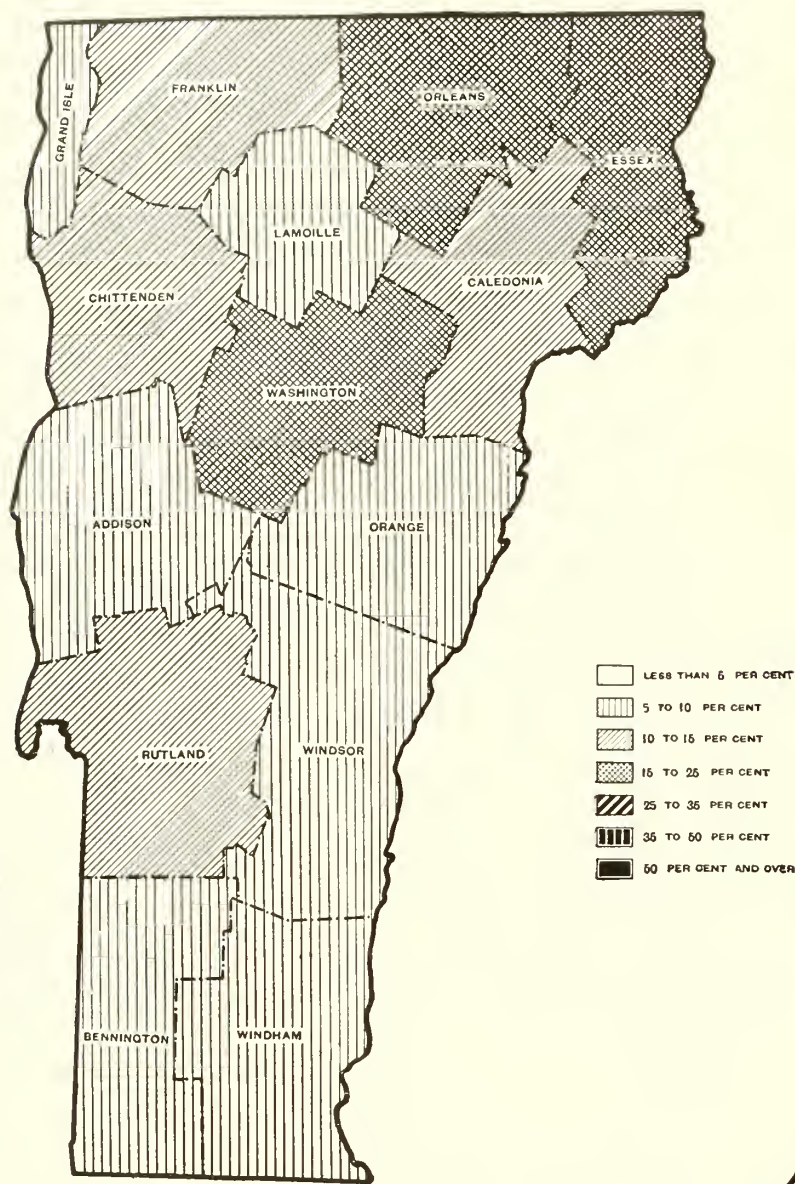
MAINE.



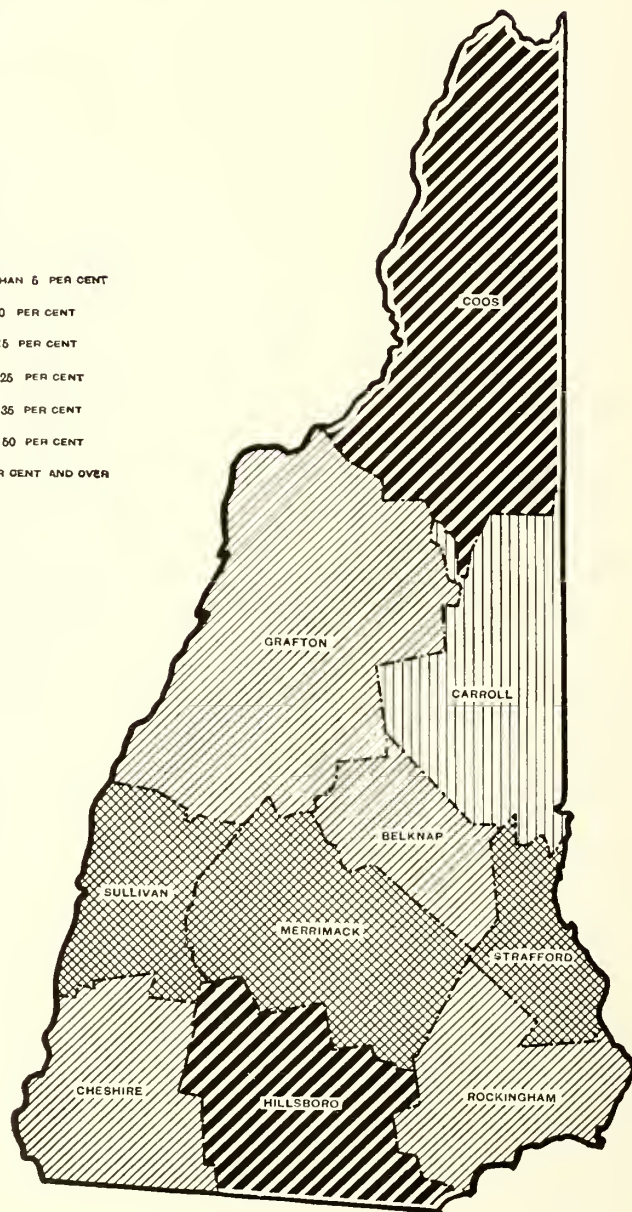


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

VERMONT.

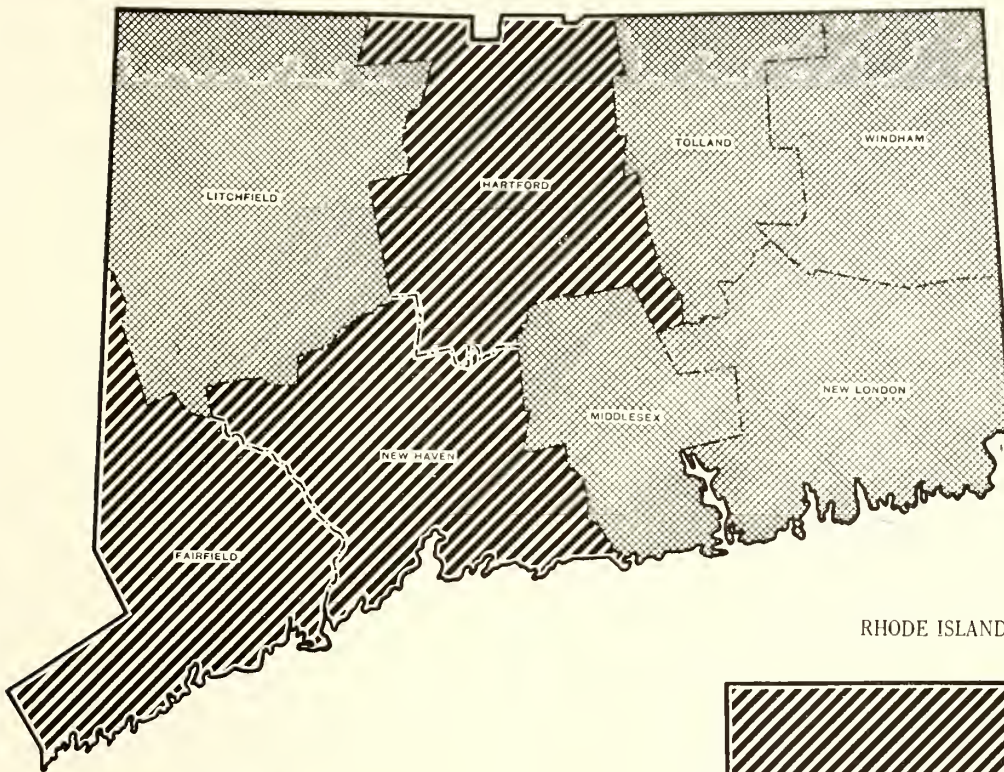


NEW HAMPSHIRE.

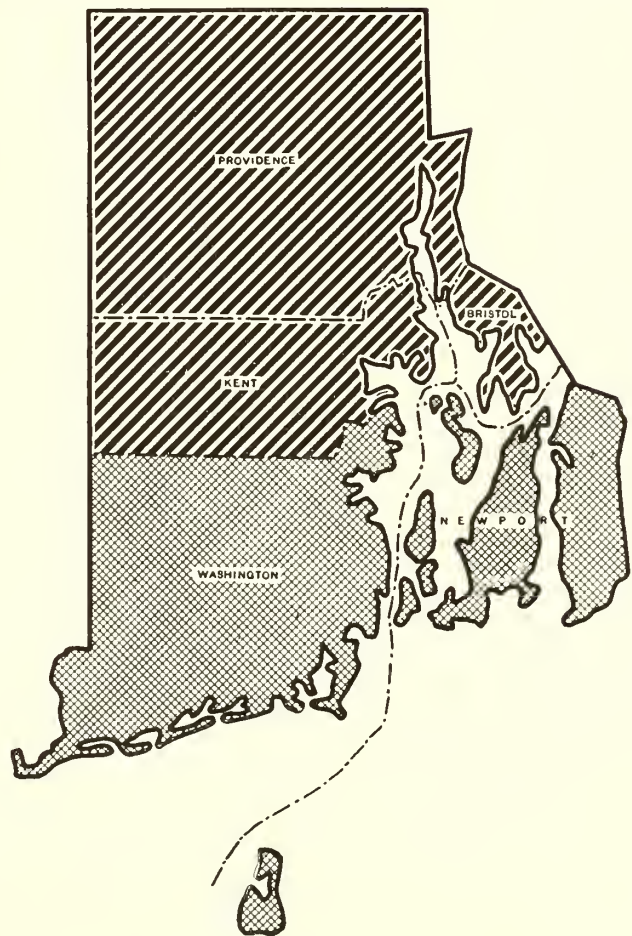
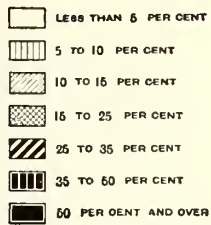


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

CONNECTICUT.



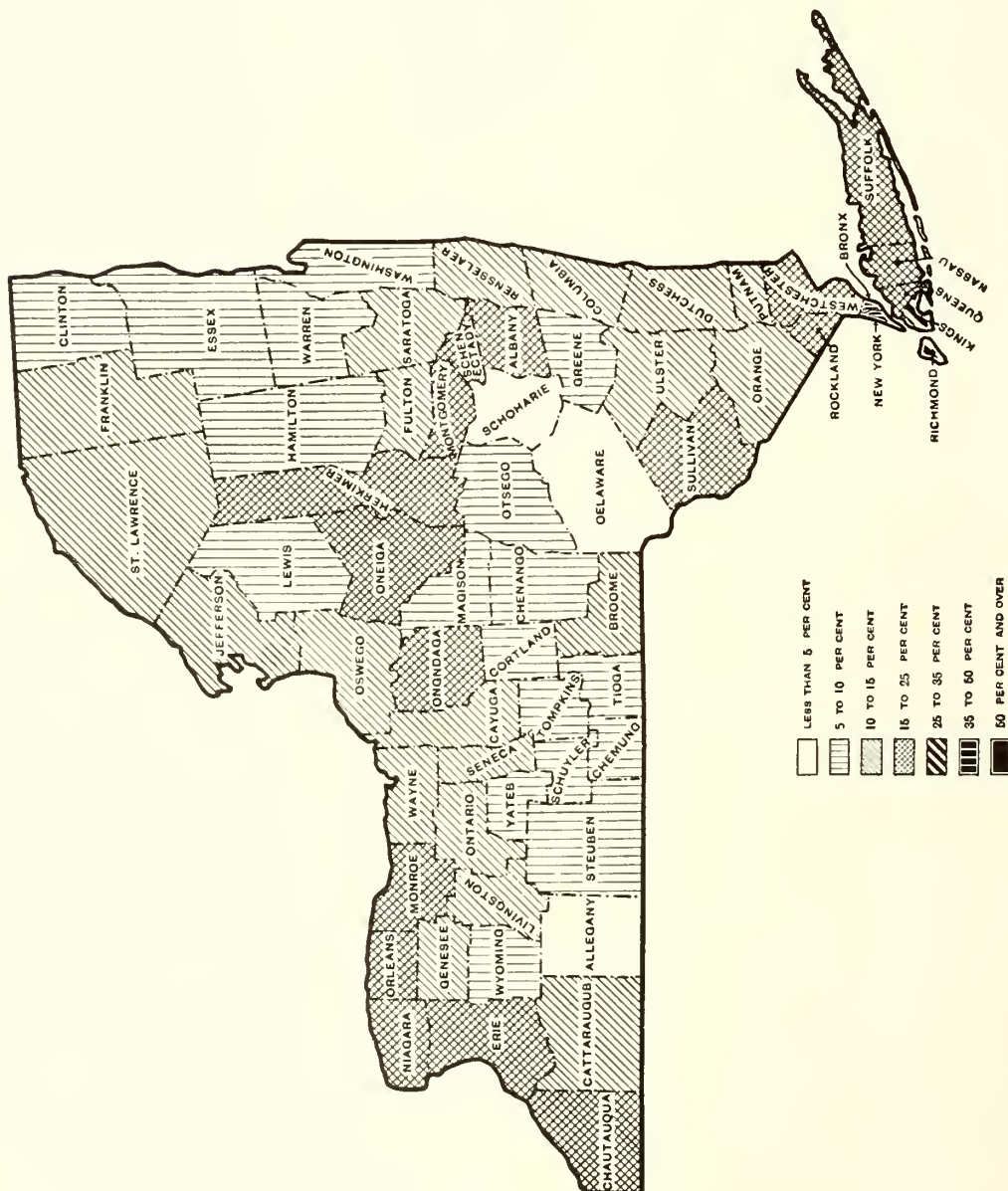
RHODE ISLAND.



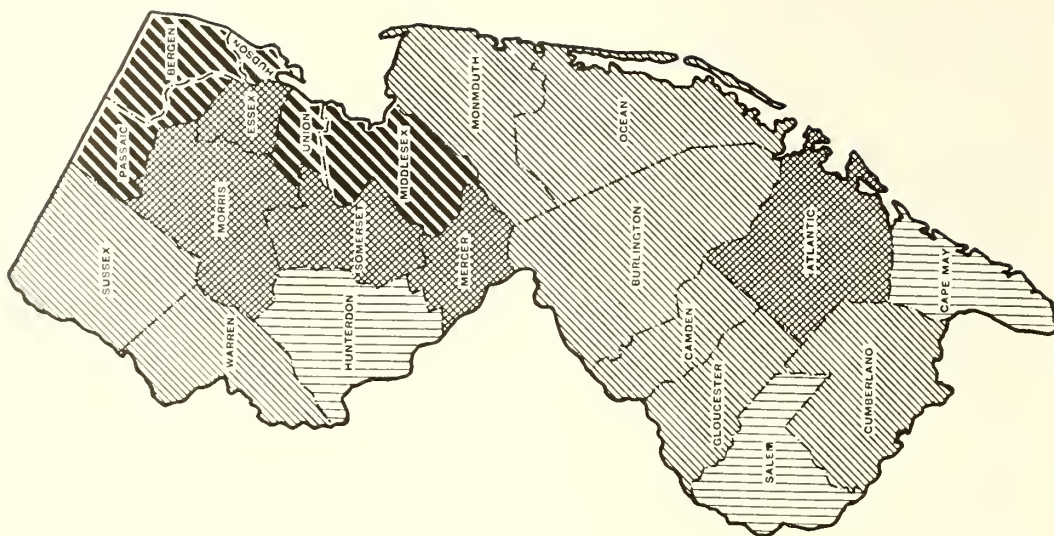


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

NEW YORK.



NEW JERSEY.

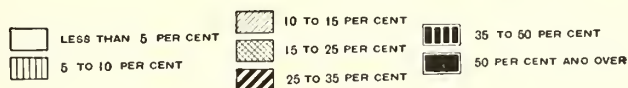
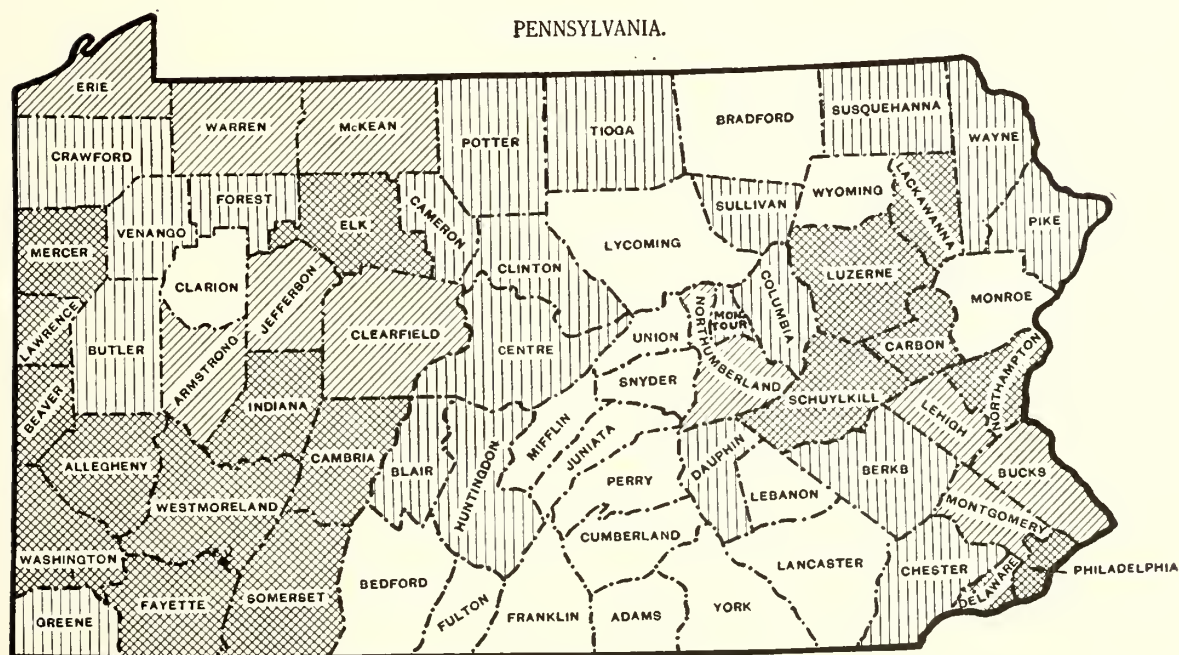


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

OHIO.

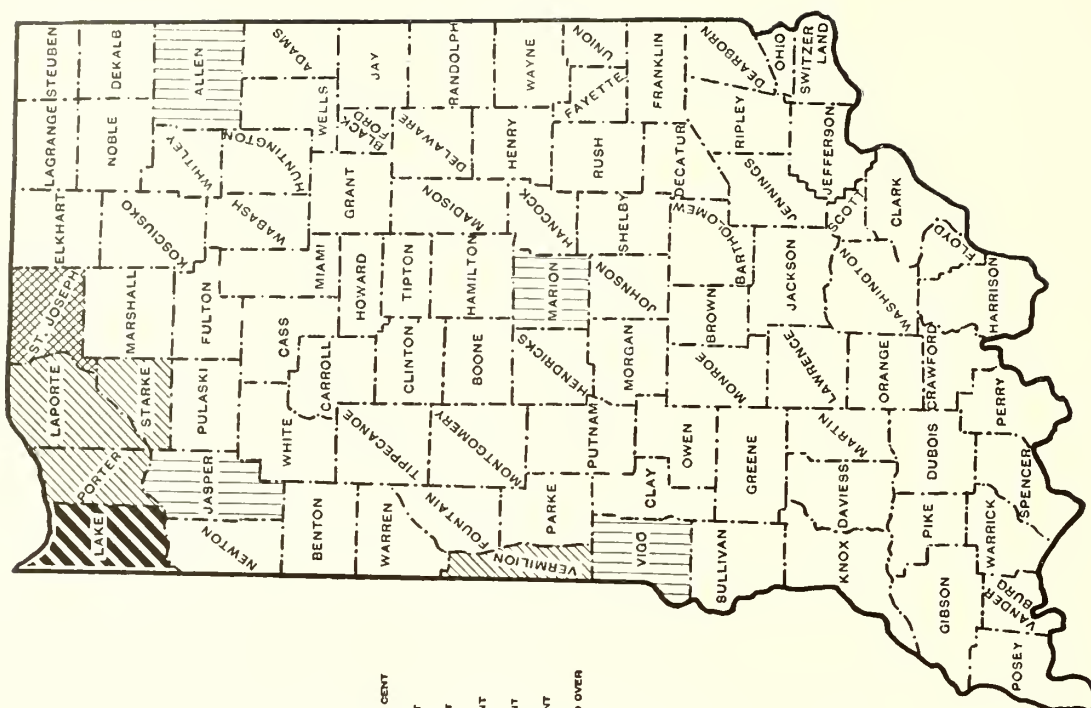
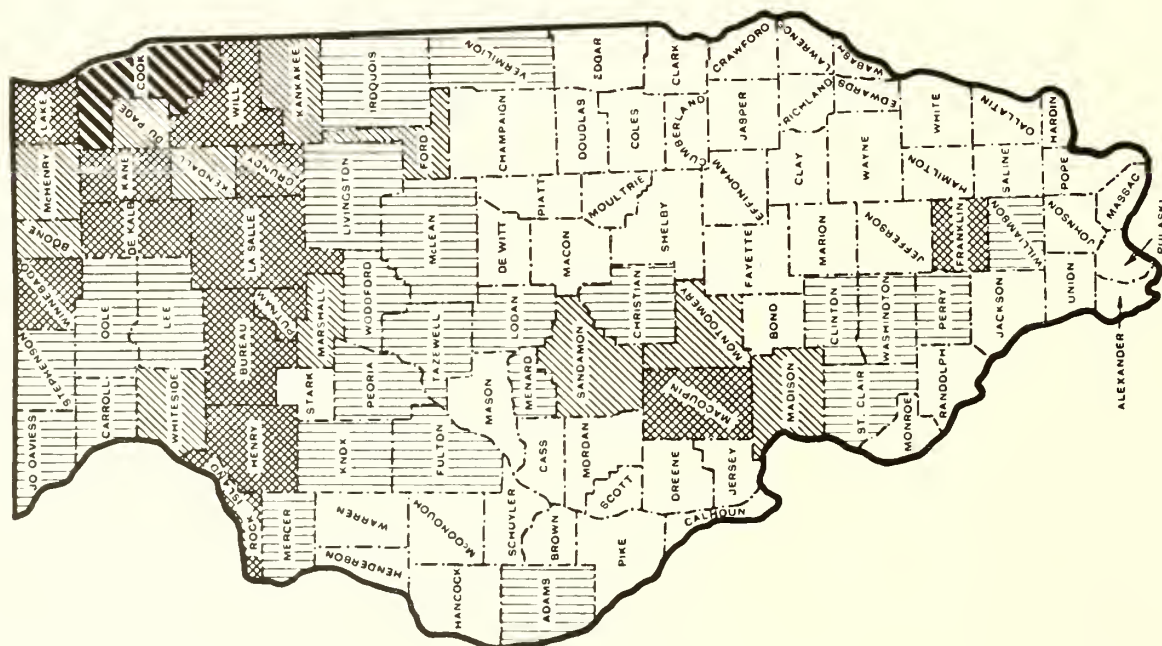


PENNSYLVANIA.

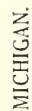




PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.



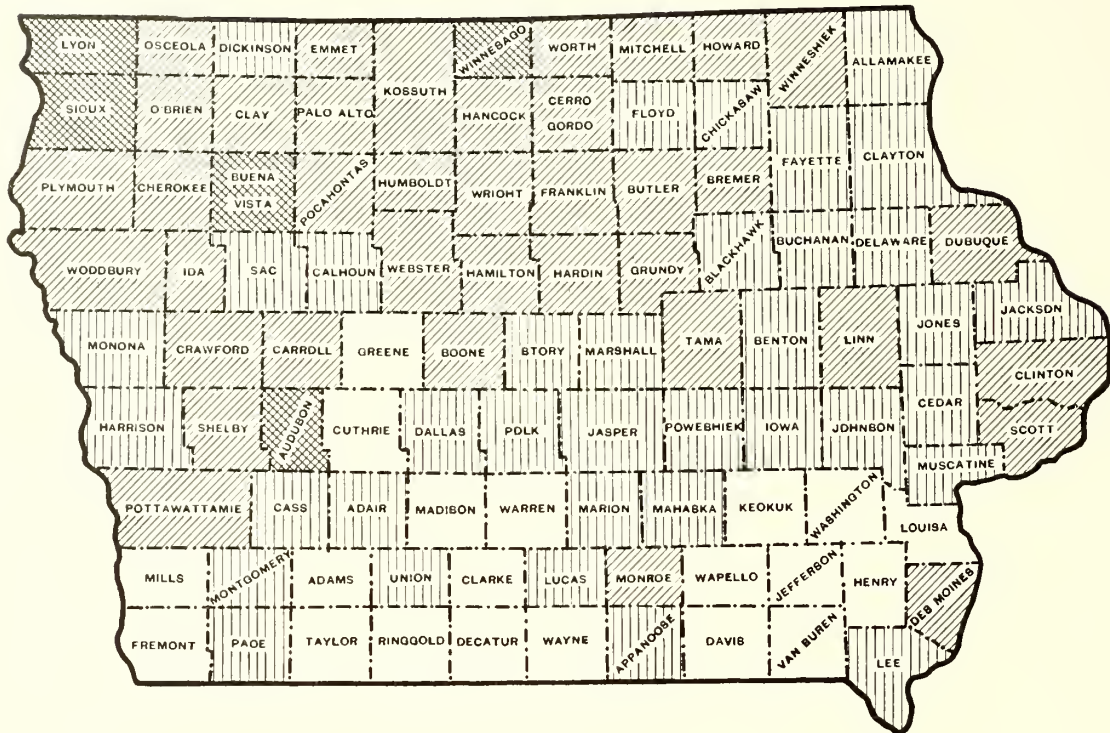
( 191 )



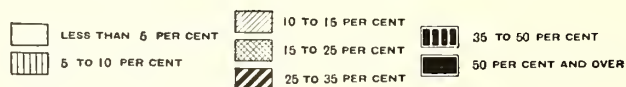
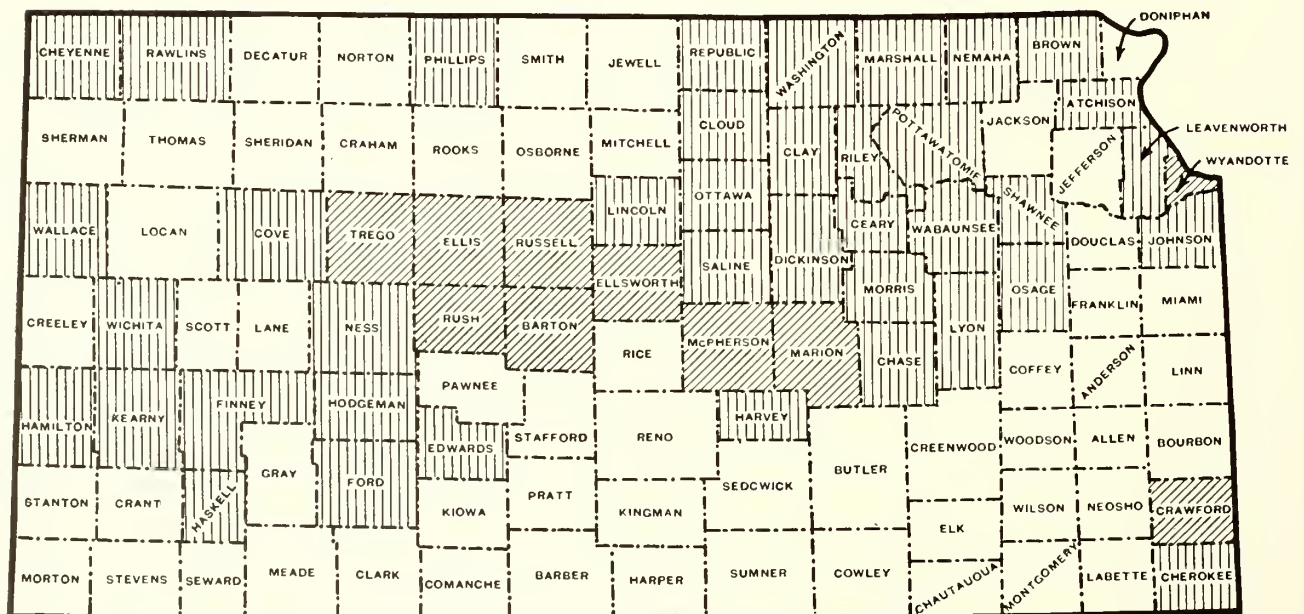


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

IOWA.

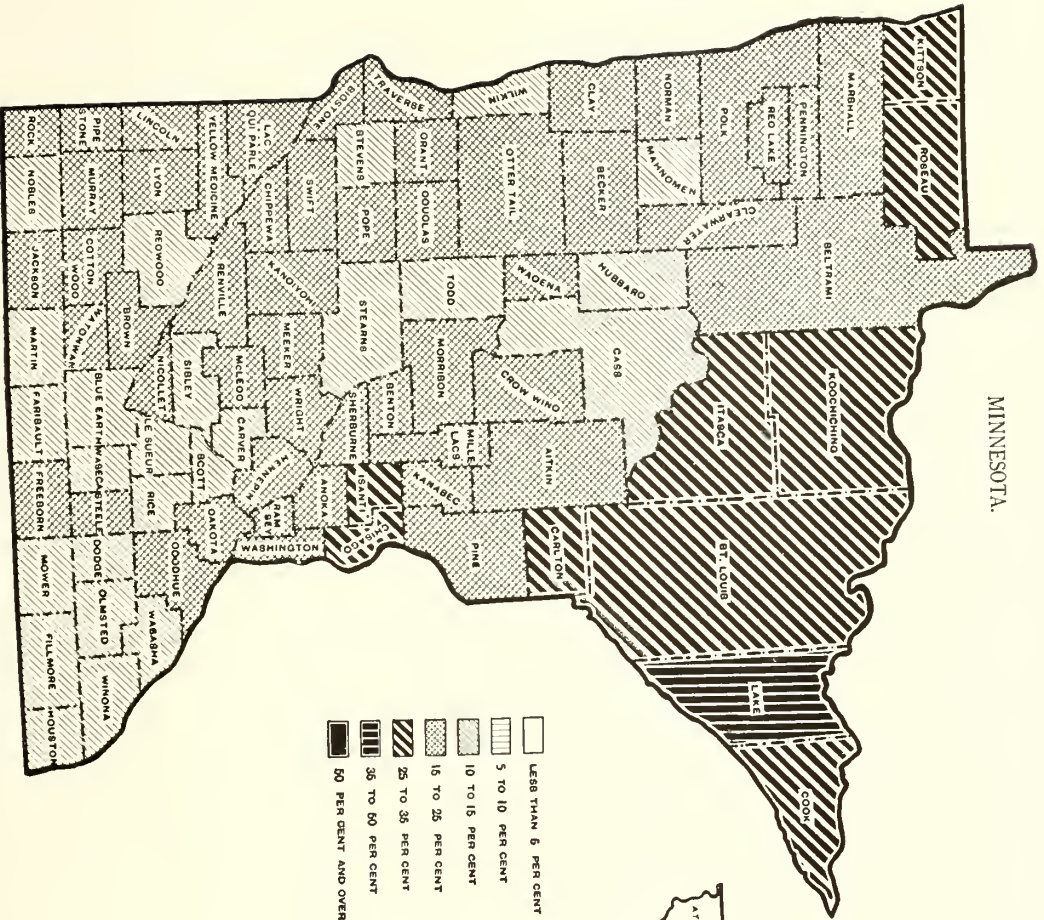


KANSAS.

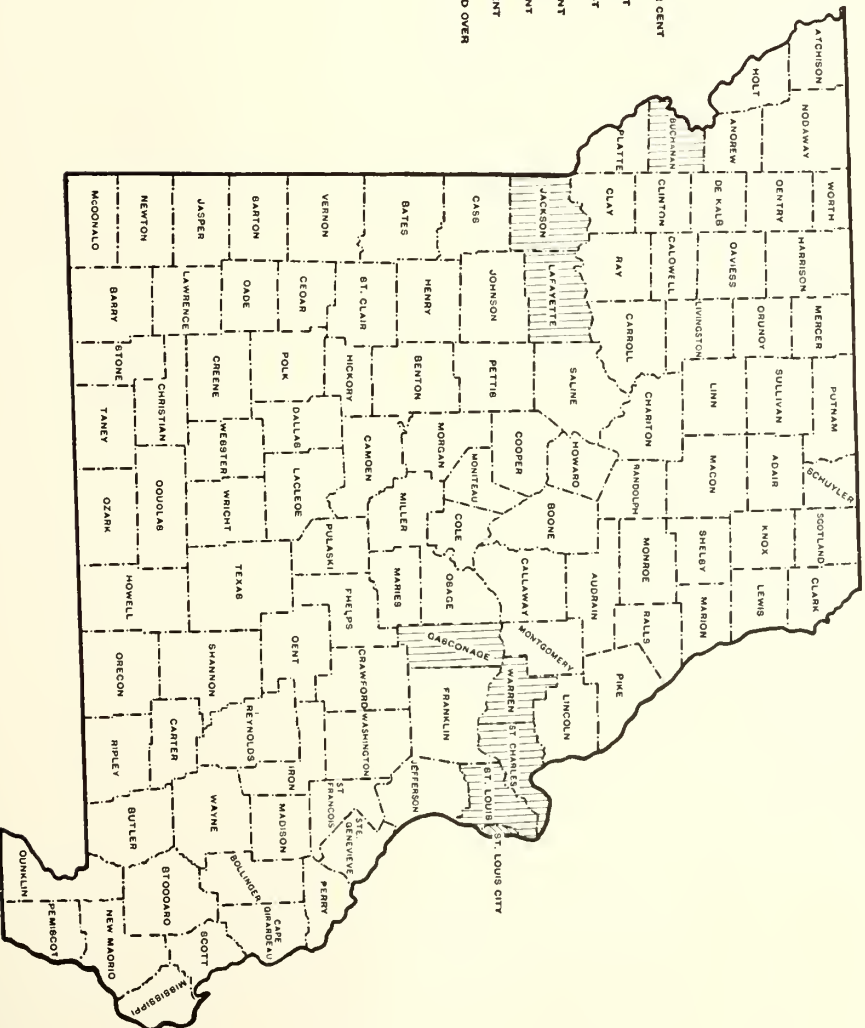


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES, 1920.

MINNESOTA.



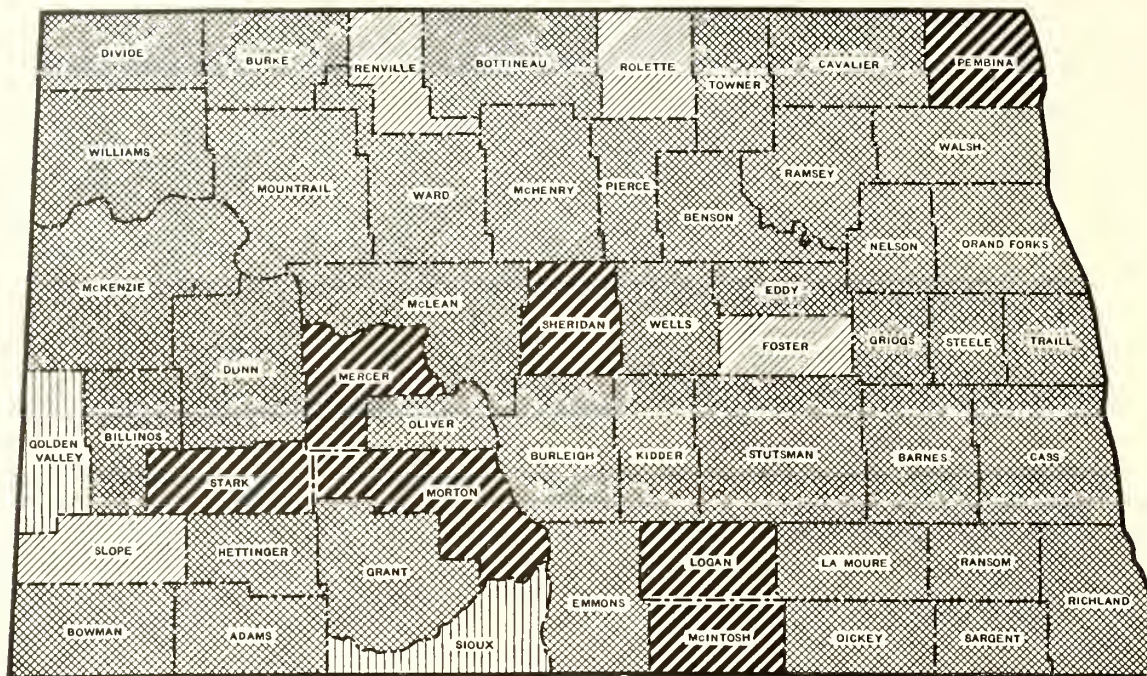
MISSOURI.



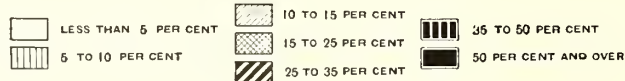
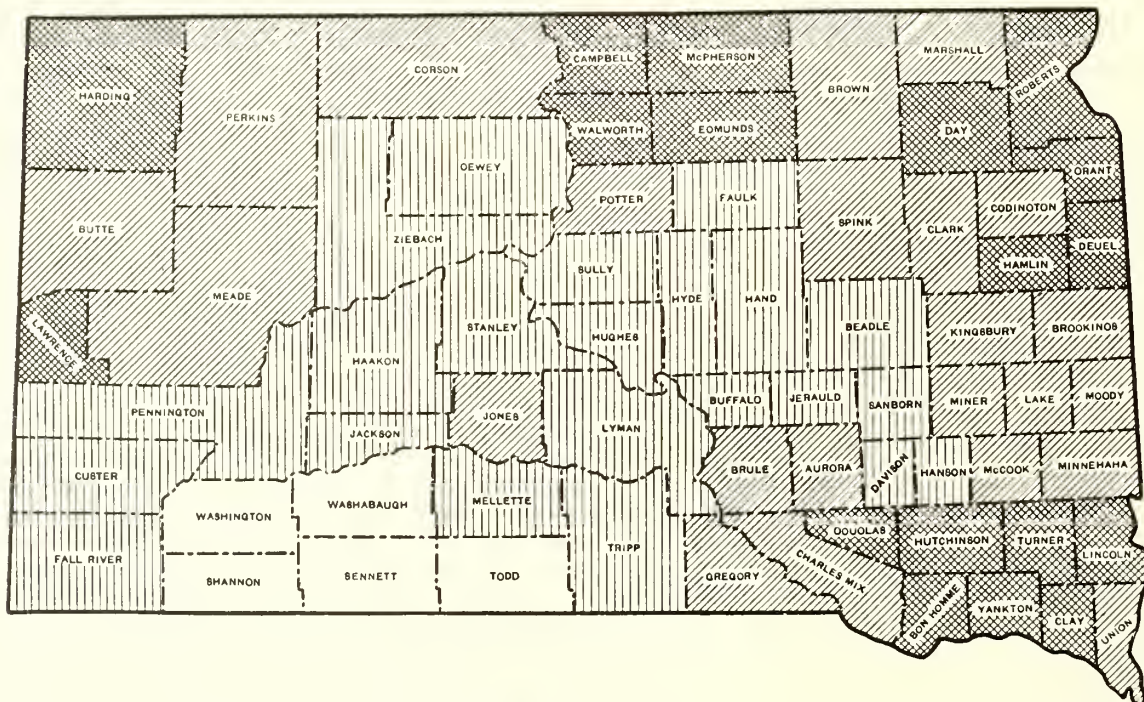


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

NORTH DAKOTA.



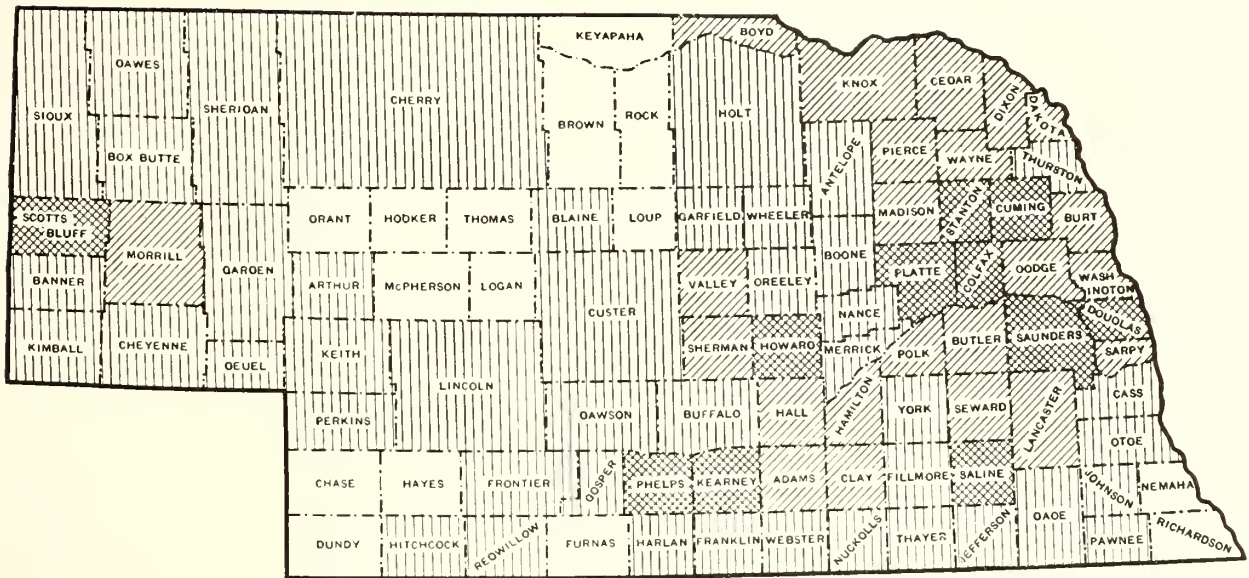
SOUTH DAKOTA.



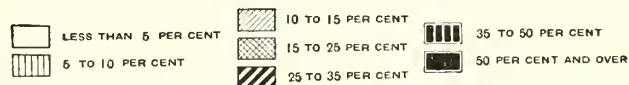
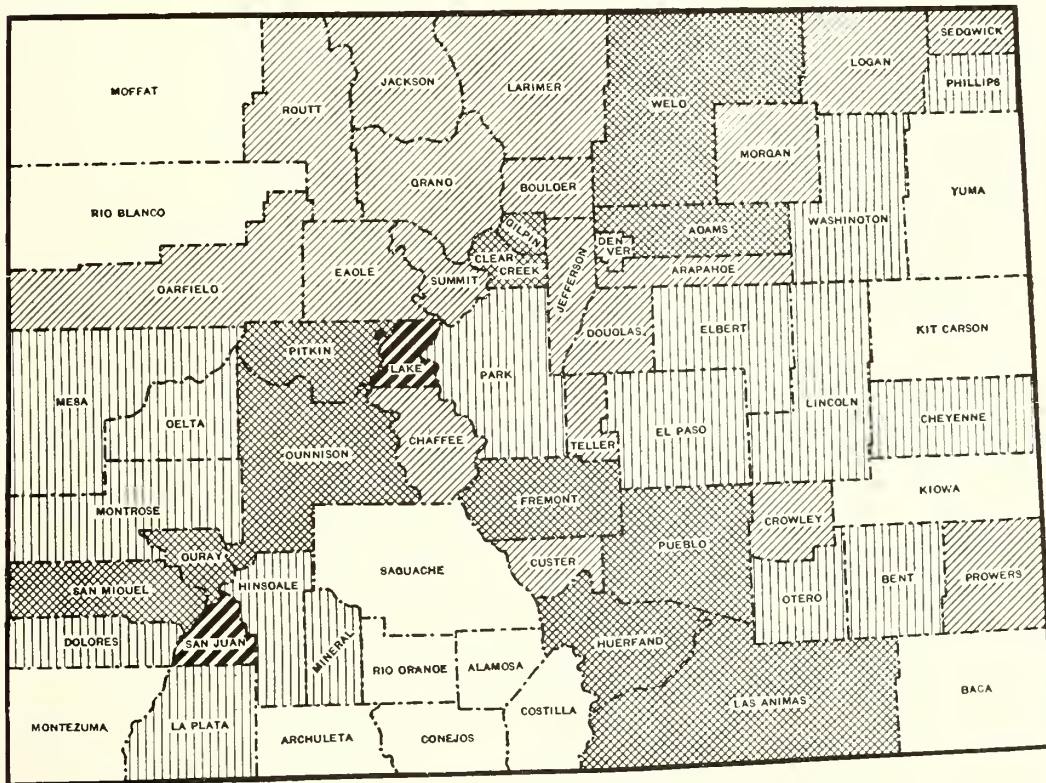


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

NEBRASKA.



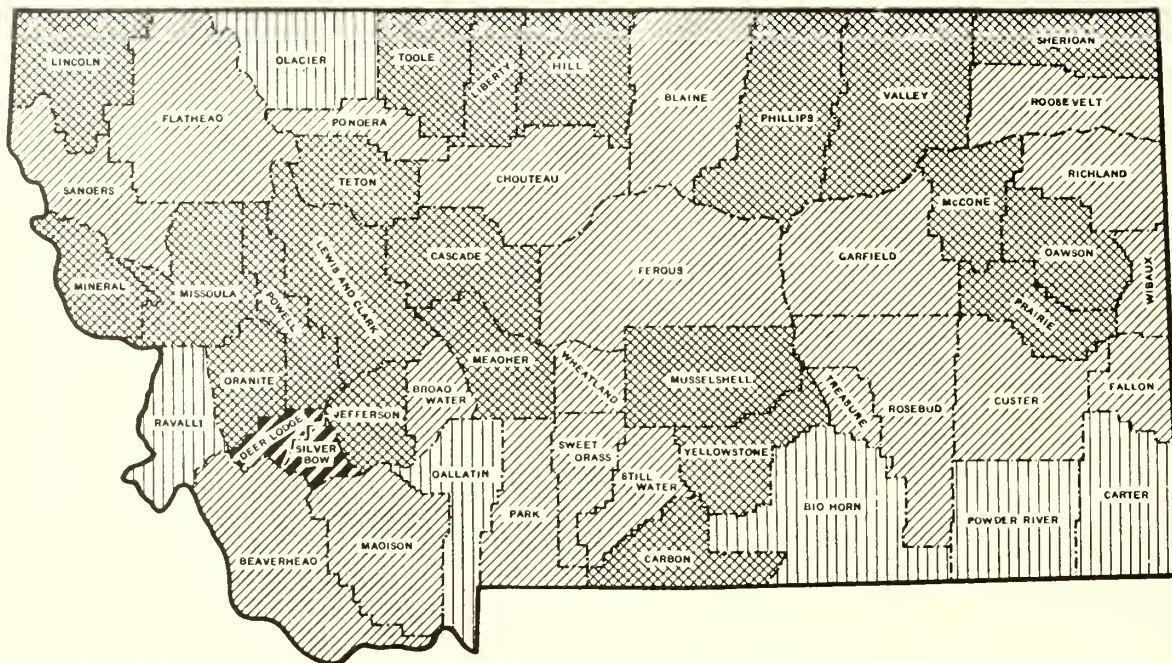
COLORADO.



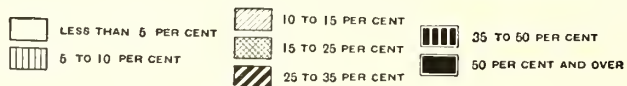
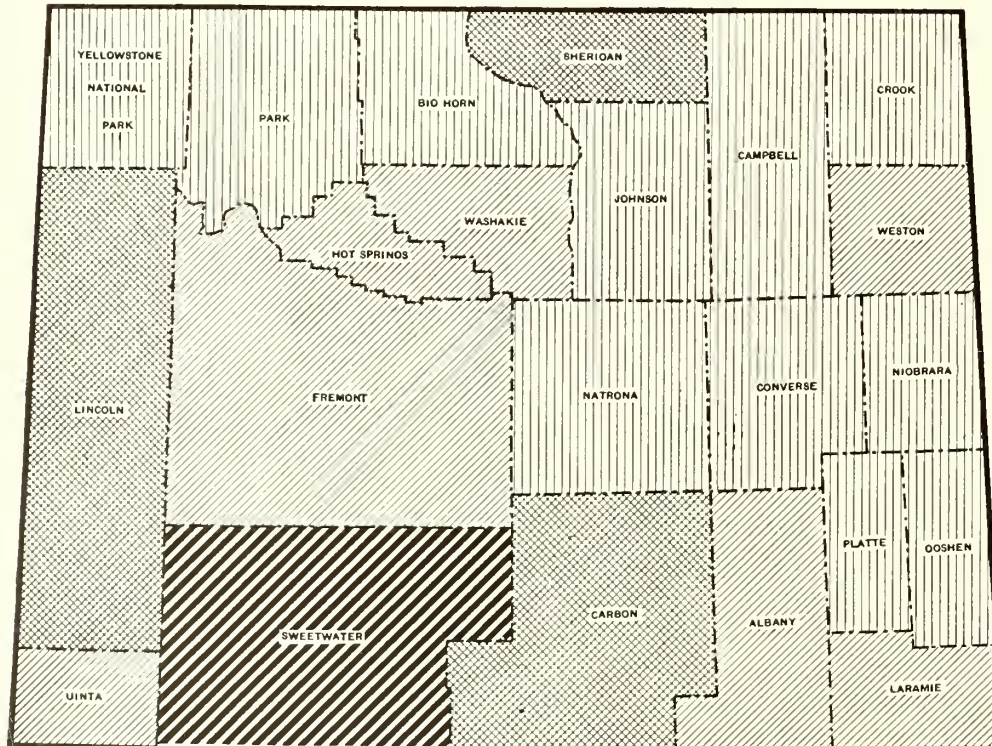


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

MONTANA.



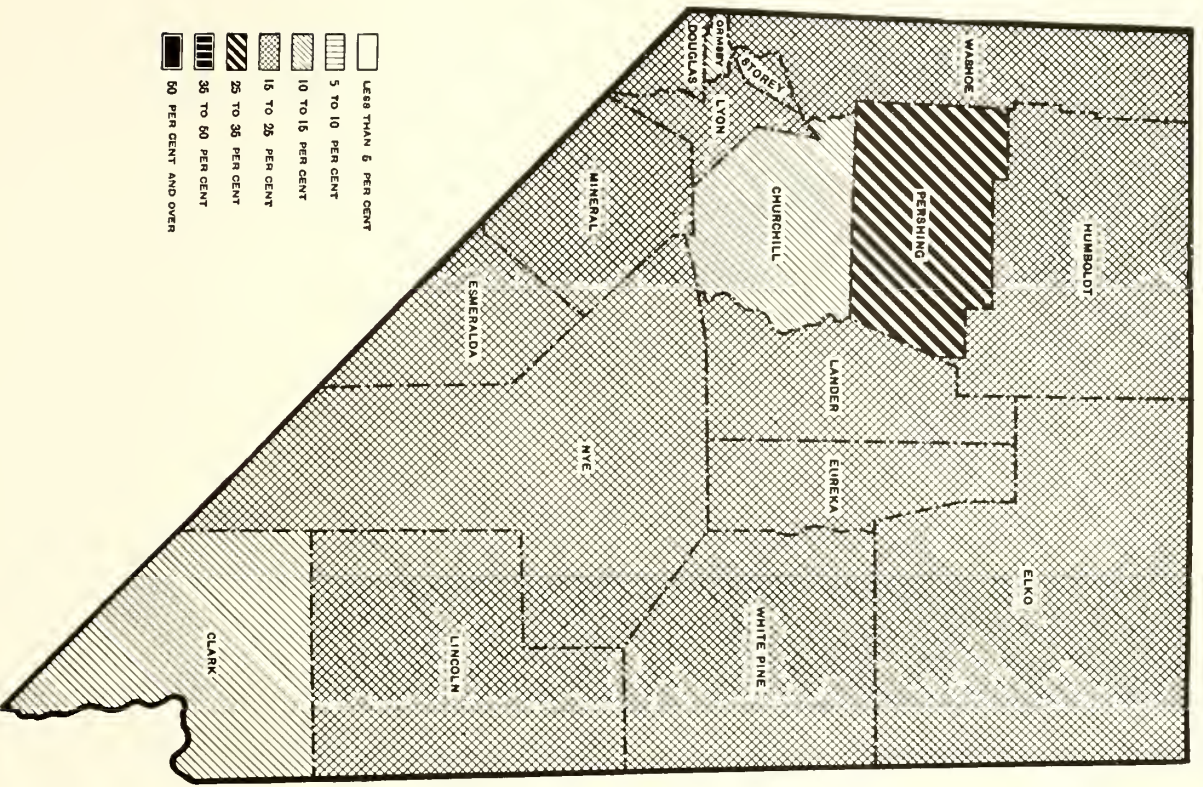
WYOMING.



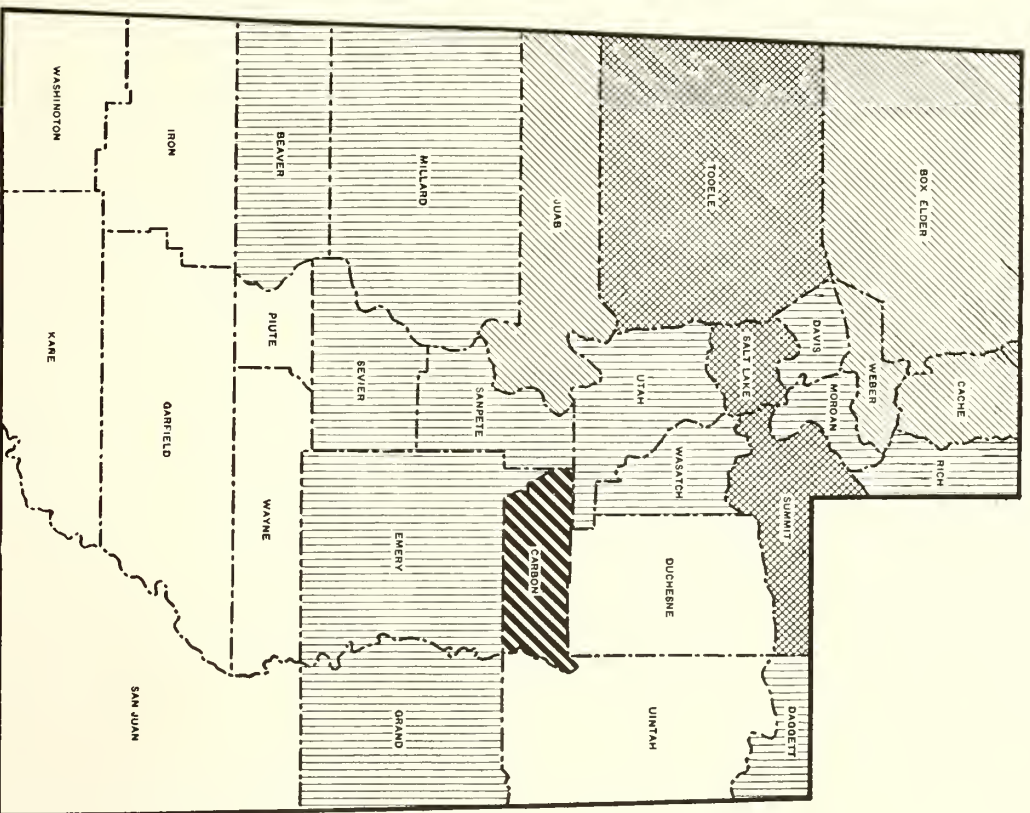


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

NEVADA.



UTAH.





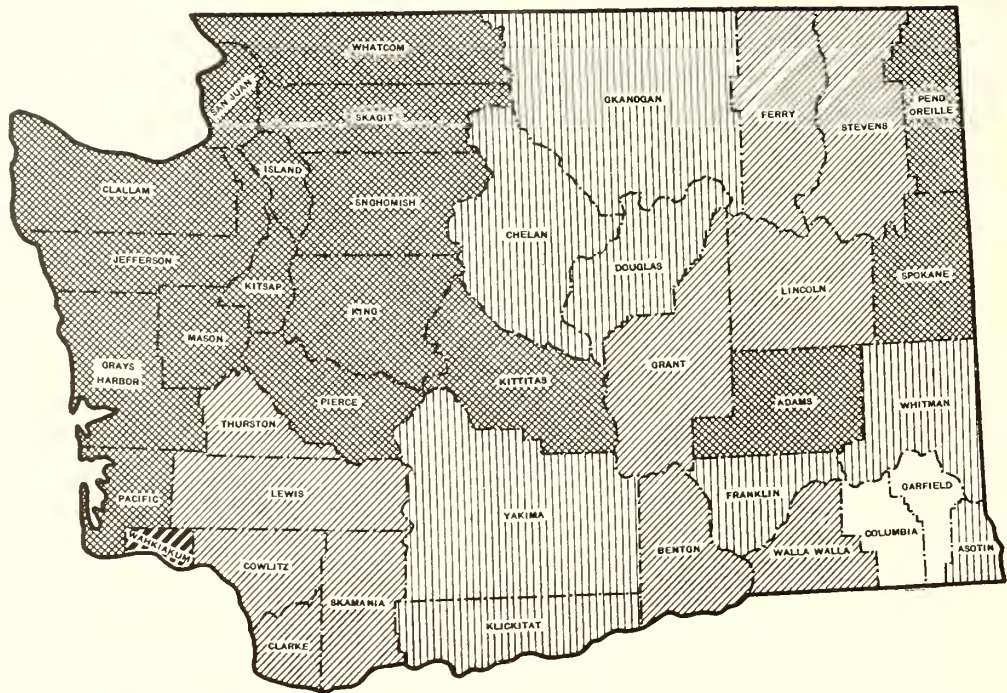




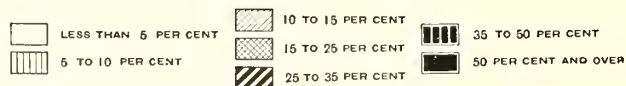
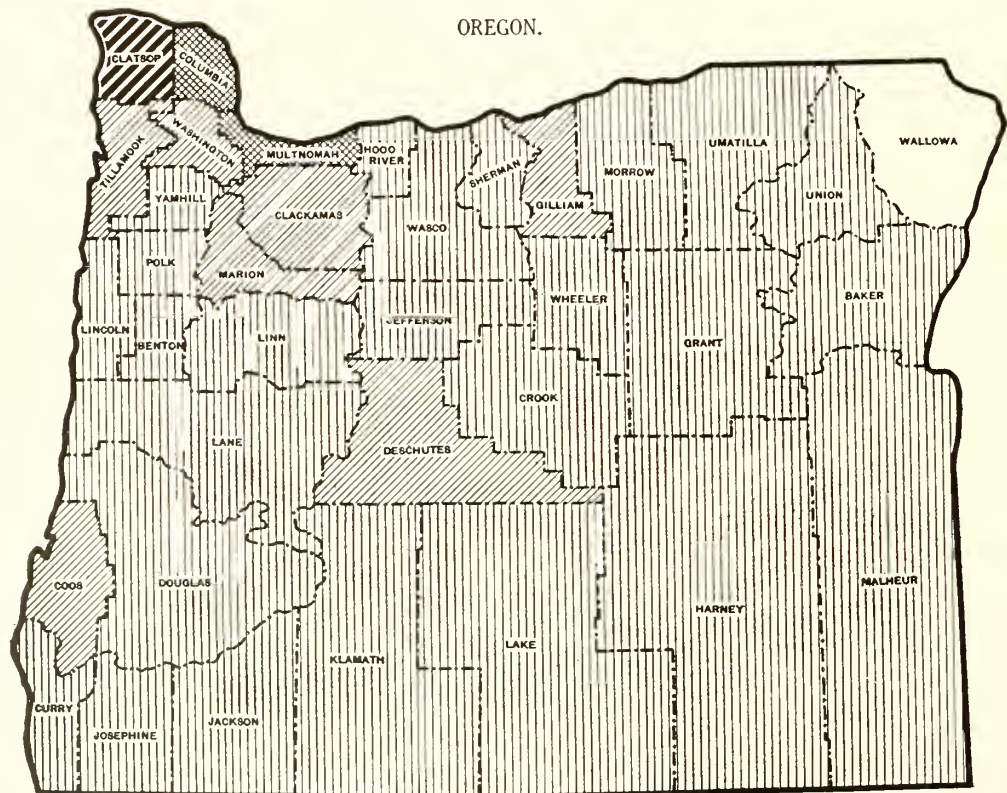


PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.

WASHINGTON.

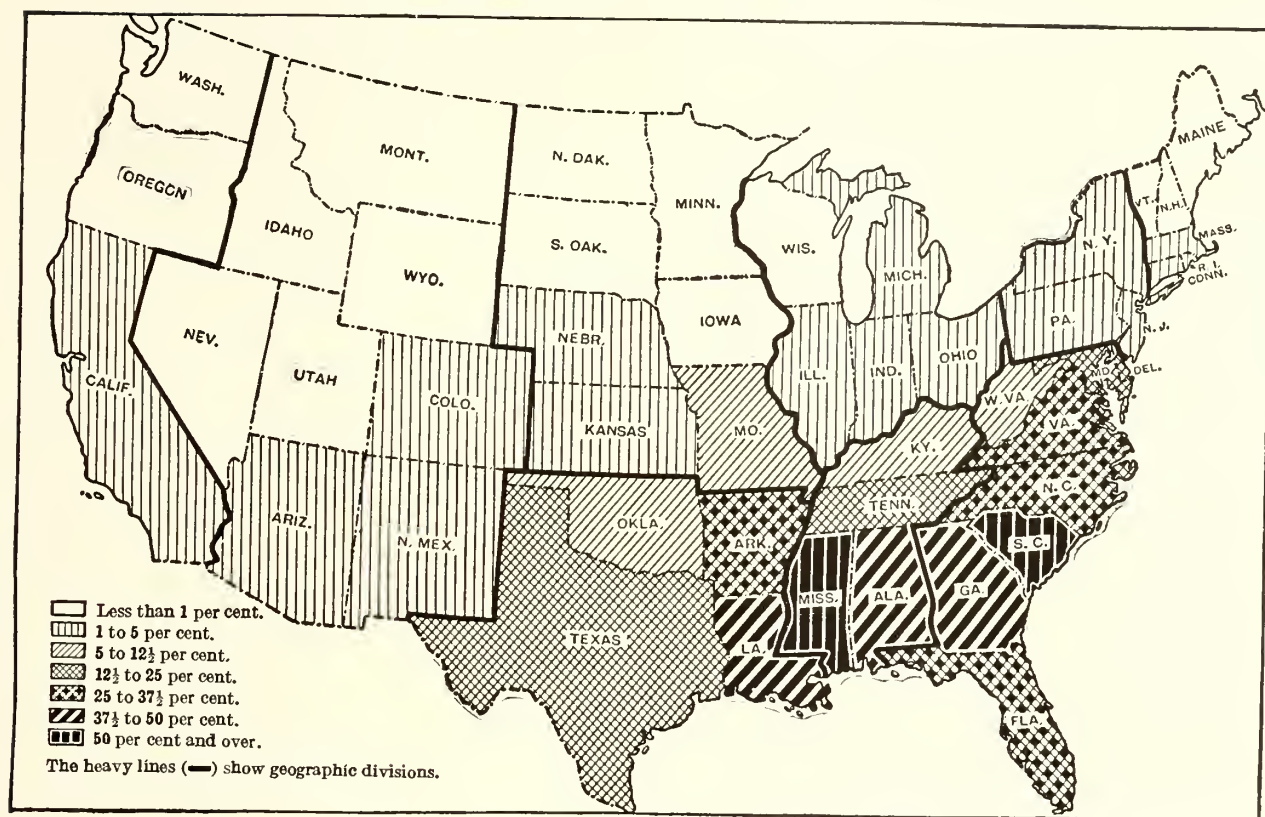


OREGON.

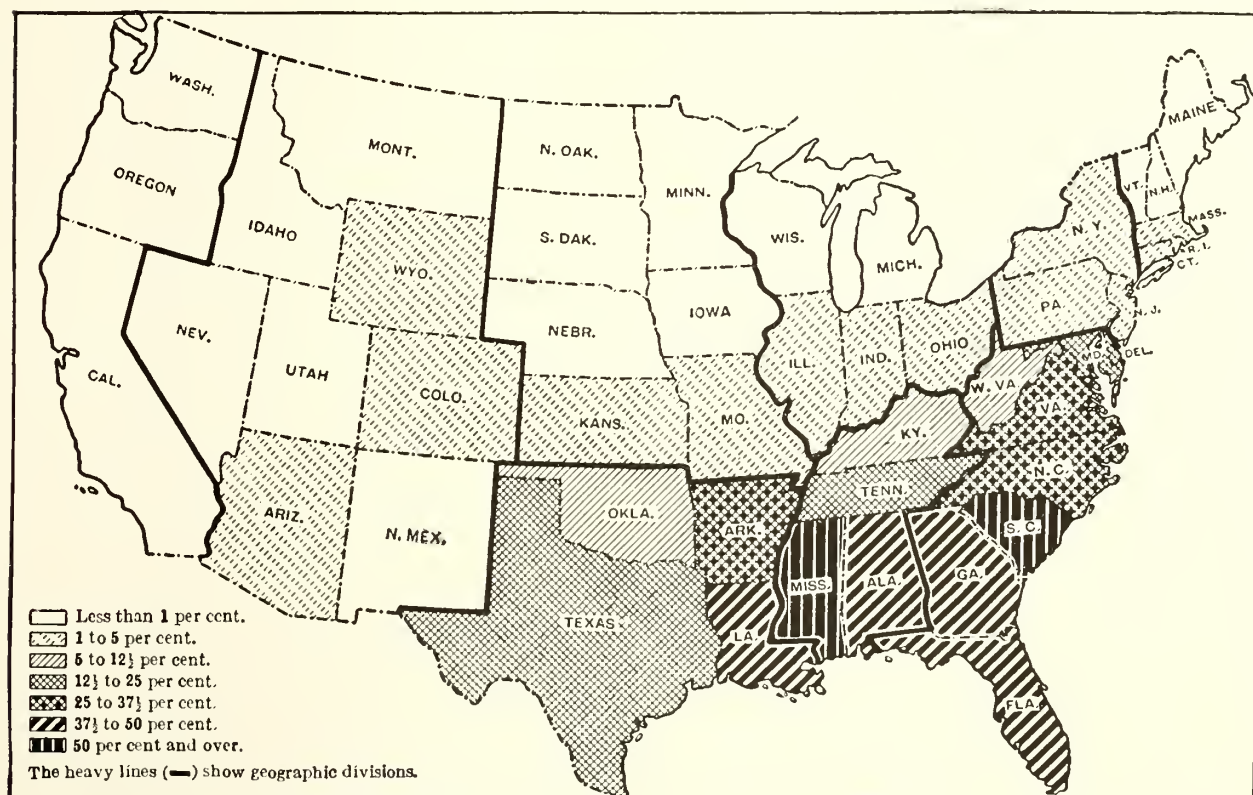


## 1. PER CENT OF NEGROES IN TOTAL POPULATION, BY STATES: 1920.

[District of Columbia, 25.1 per cent, not shown separately on the map.]



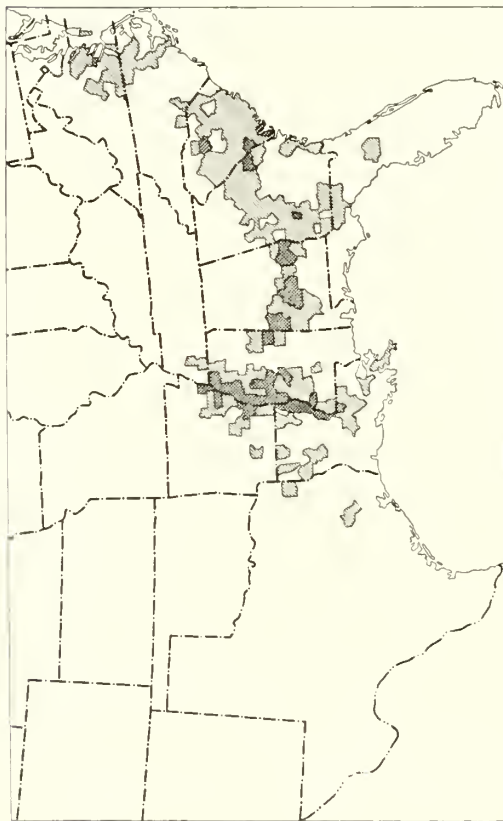
## 2. PER CENT OF NEGROES IN TOTAL POPULATION, BY STATES: 1910.



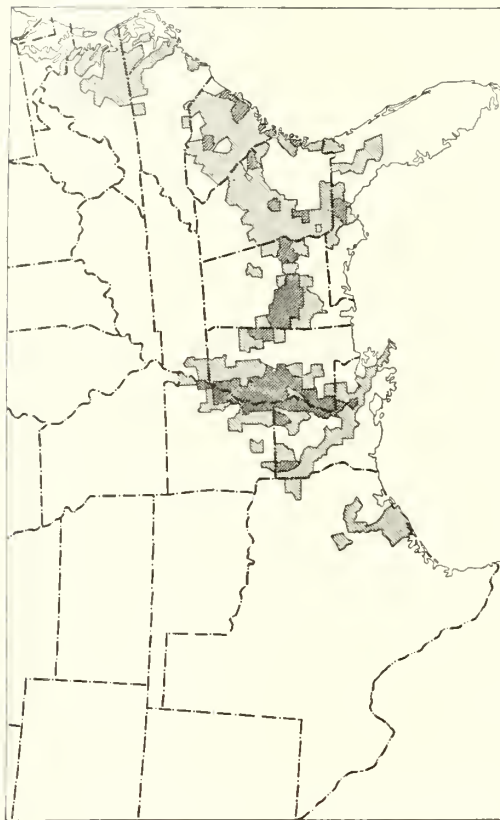


COUNTIES IN SOUTHERN STATES HAVING AT LEAST 50 PER CENT OF THEIR POPULATION NEGRO.

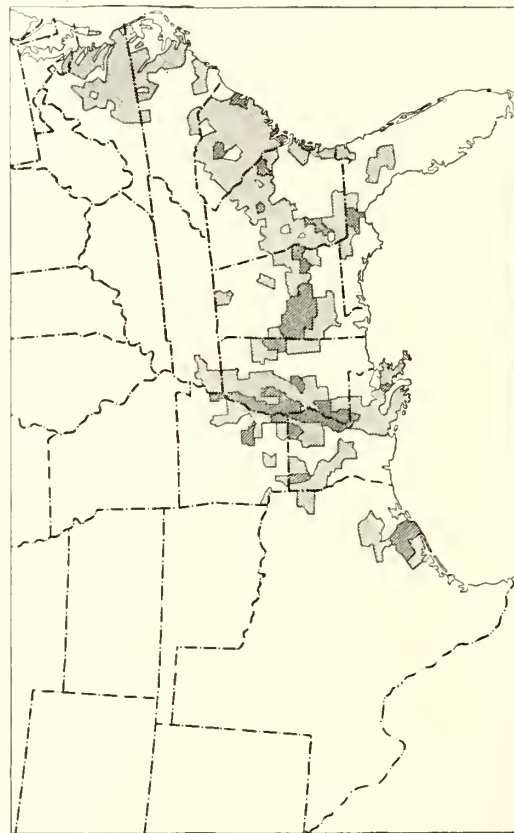
1920



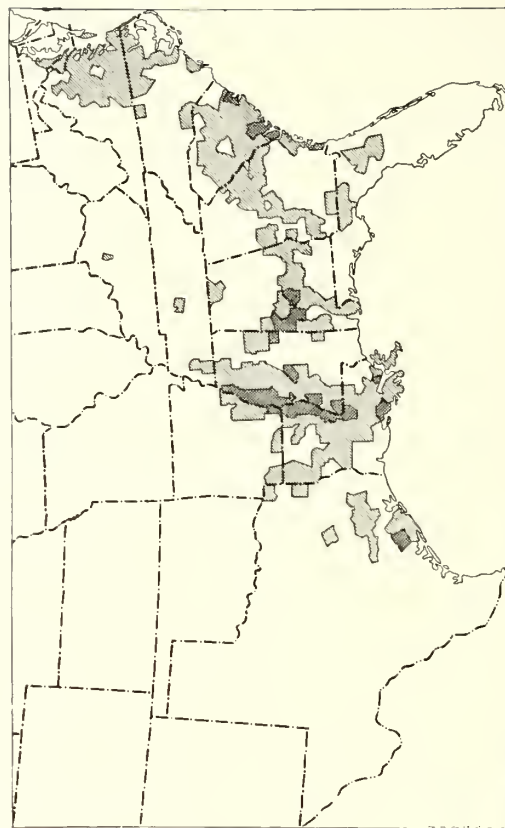
1900



1880



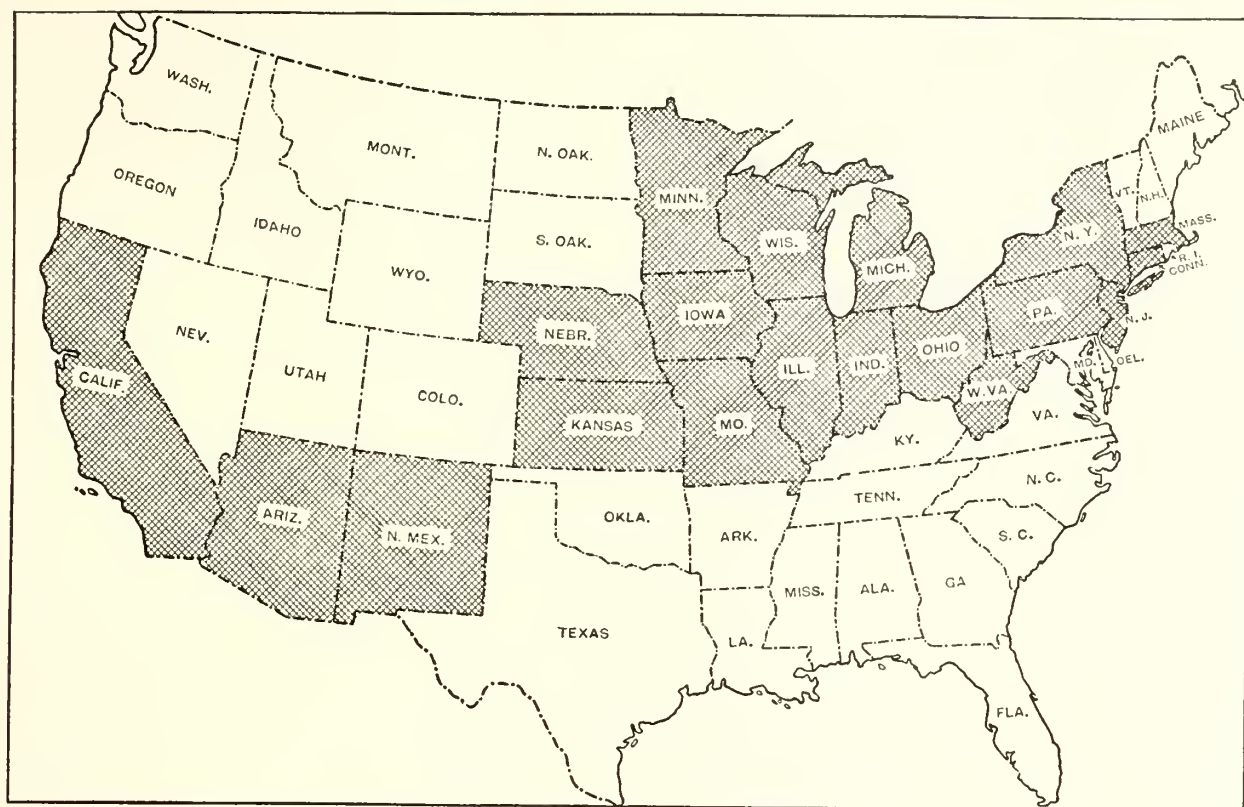
1860



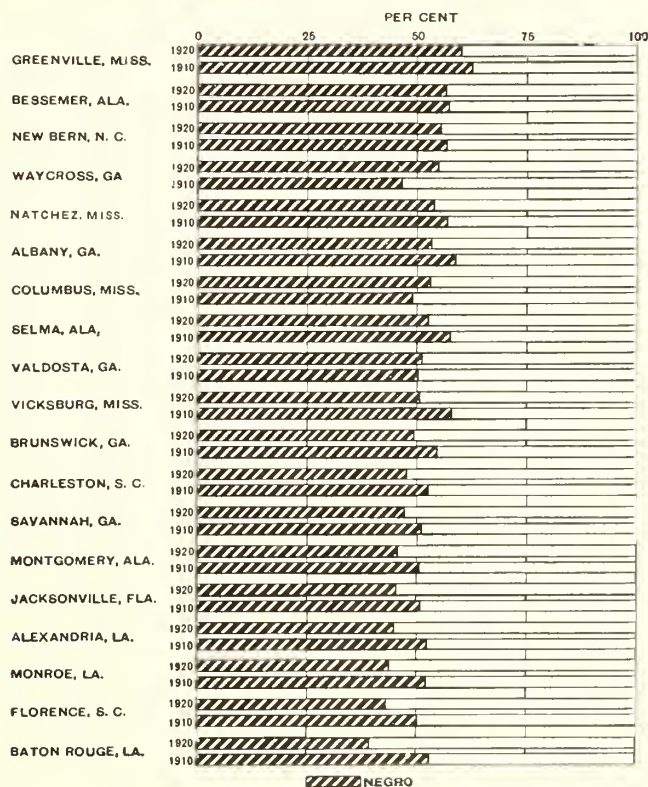
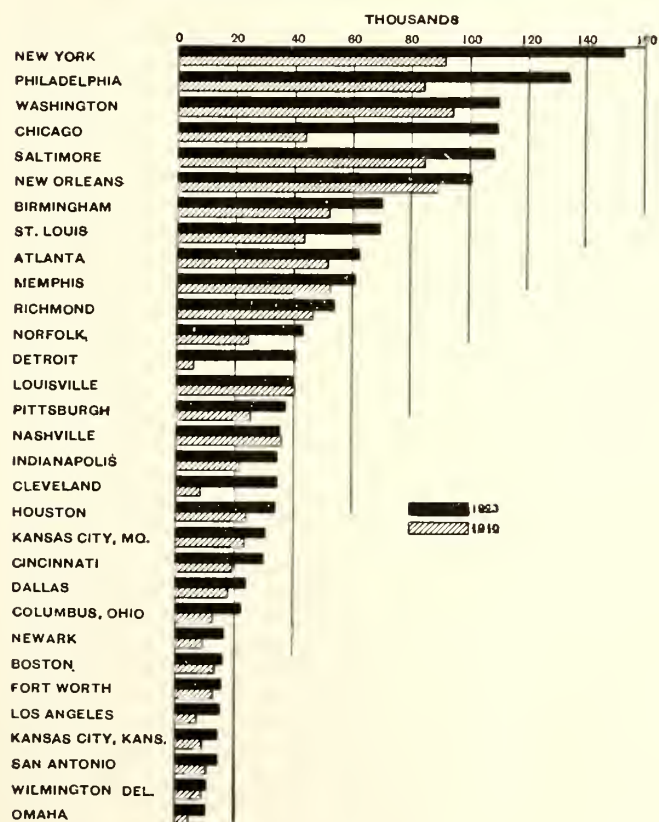
50 TO 75 PER CENT

75 PER CENT AND OVER

1. STATES (SHADED) IN WHICH INCREASE IN NEGRO POPULATION WAS MORE THAN 1,000 AND WAS AT A HIGHER RATE THAN INCREASE IN TOTAL POPULATION: 1910-1920.



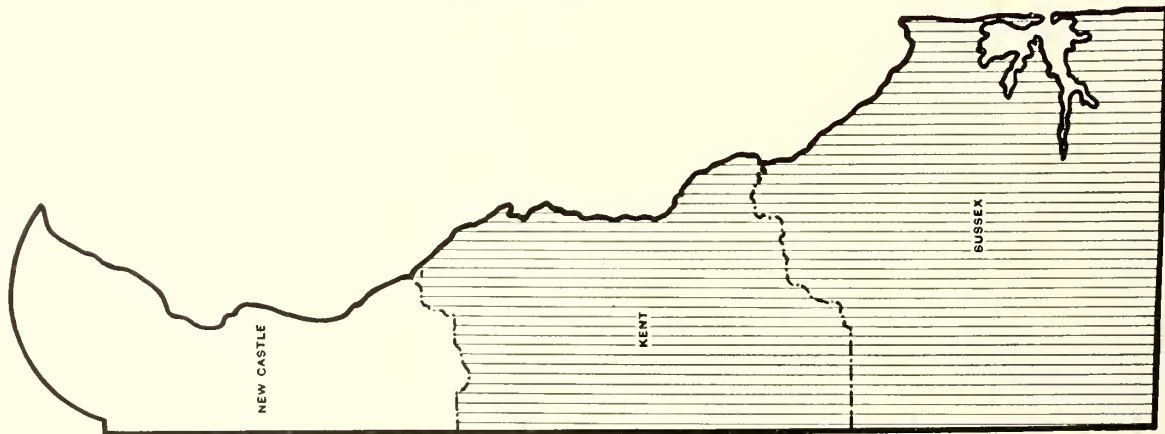
2. NEGRO POPULATION FOR 1920 AND 1910, IN CITIES HAVING 100,000 INHABITANTS OR MORE AND AT LEAST 10,000 NEGROES IN 1920. 3. CITIES OF 10,000 INHABITANTS OR MORE IN 1920, HAVING 50 PER CENT OR MORE OF THEIR POPULATION NEGRO IN EITHER 1910 OR 1920.



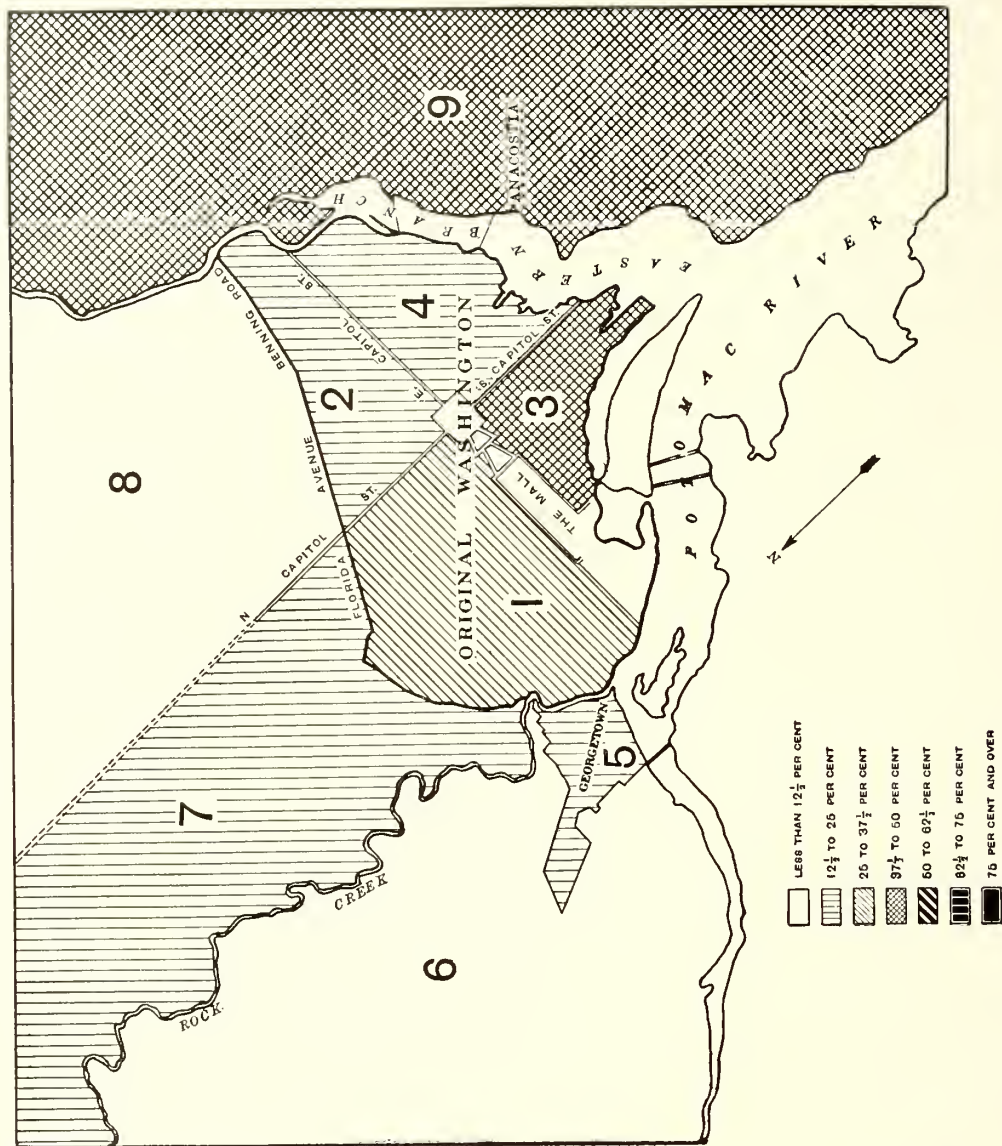


PER CENT OF NEGROES IN TOTAL POPULATION: 1920.

DELAWARE.  
(By counties.)

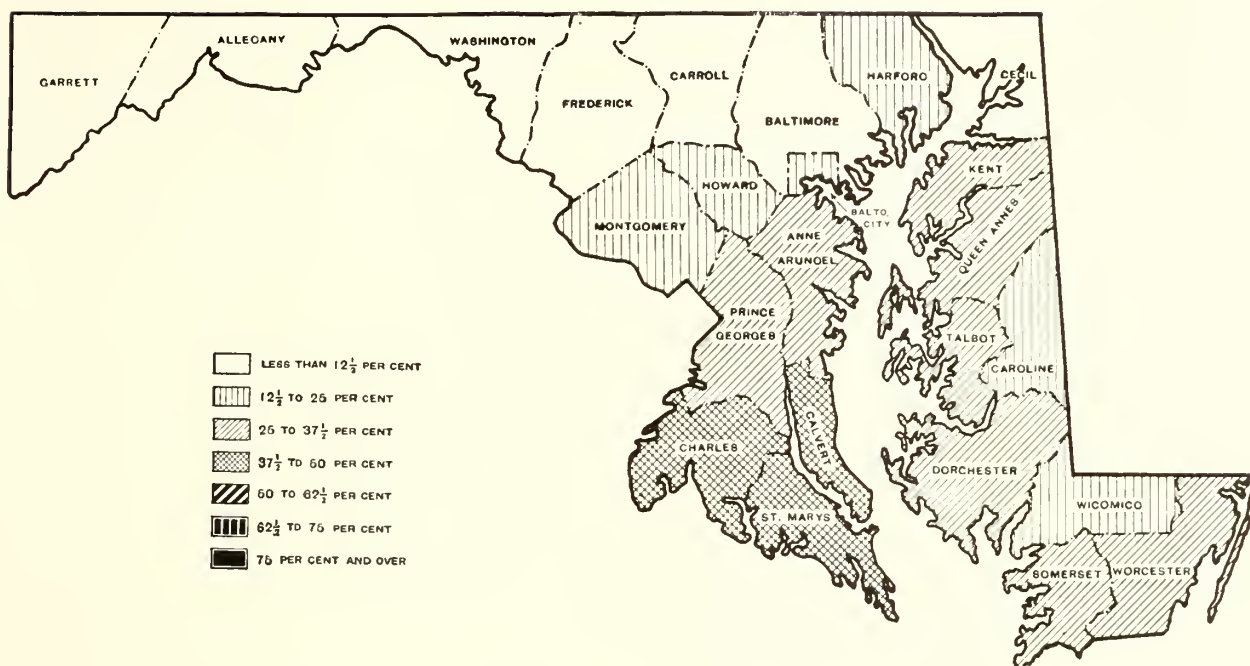


DISTRICT OF COLUMBIA.  
(By census districts.)

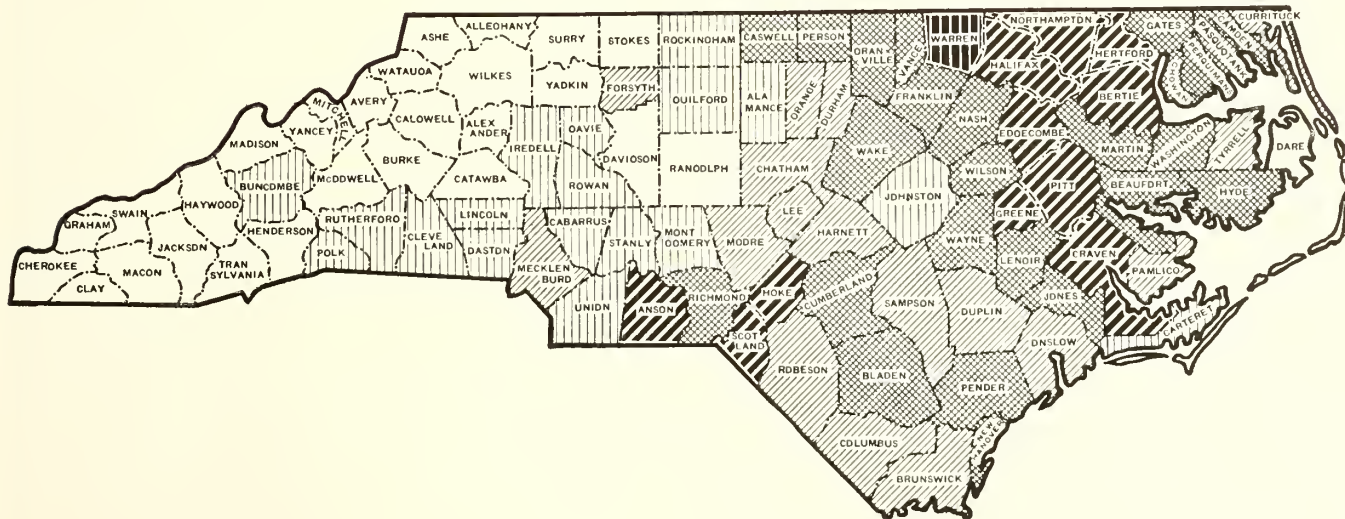


PER CENT OF NEGROES IN TOTAL POPULATION, BY COUNTIES: 1920.

MARYLAND.



NORTH CAROLINA.



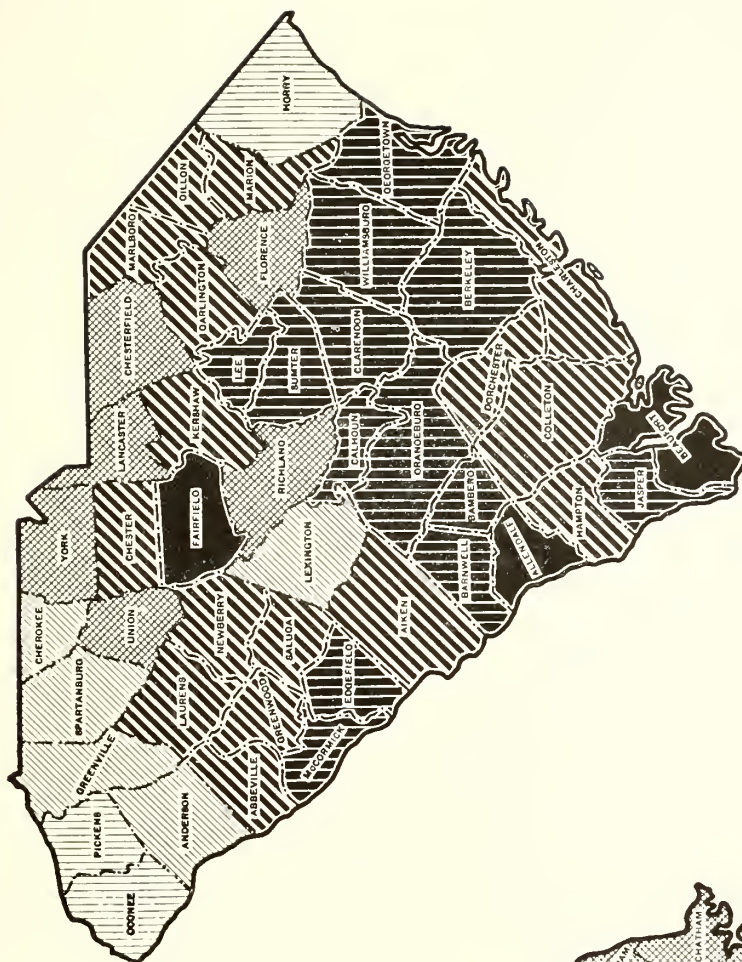
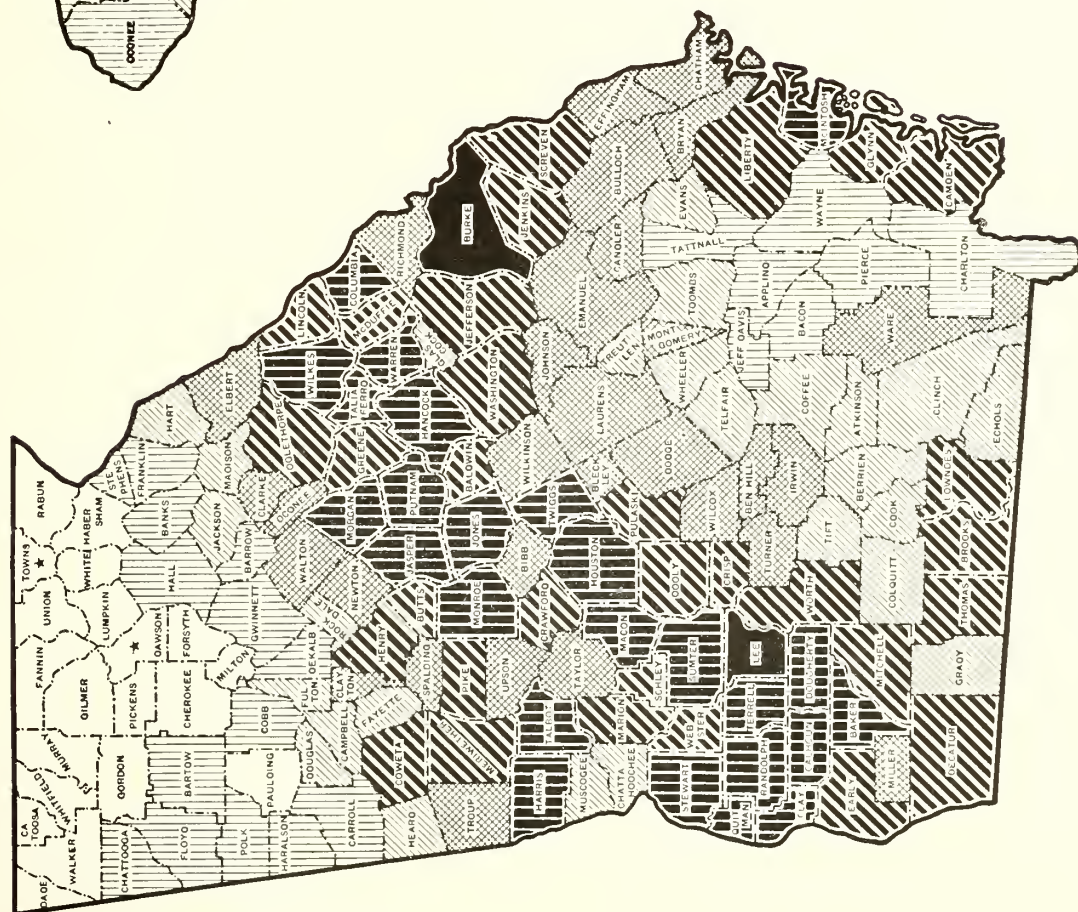




PER CENT OF NEGROES IN TOTAL POPULATION, BY COUNTIES; 1920.

GEORGIA.

SOUTH CAROLINA.

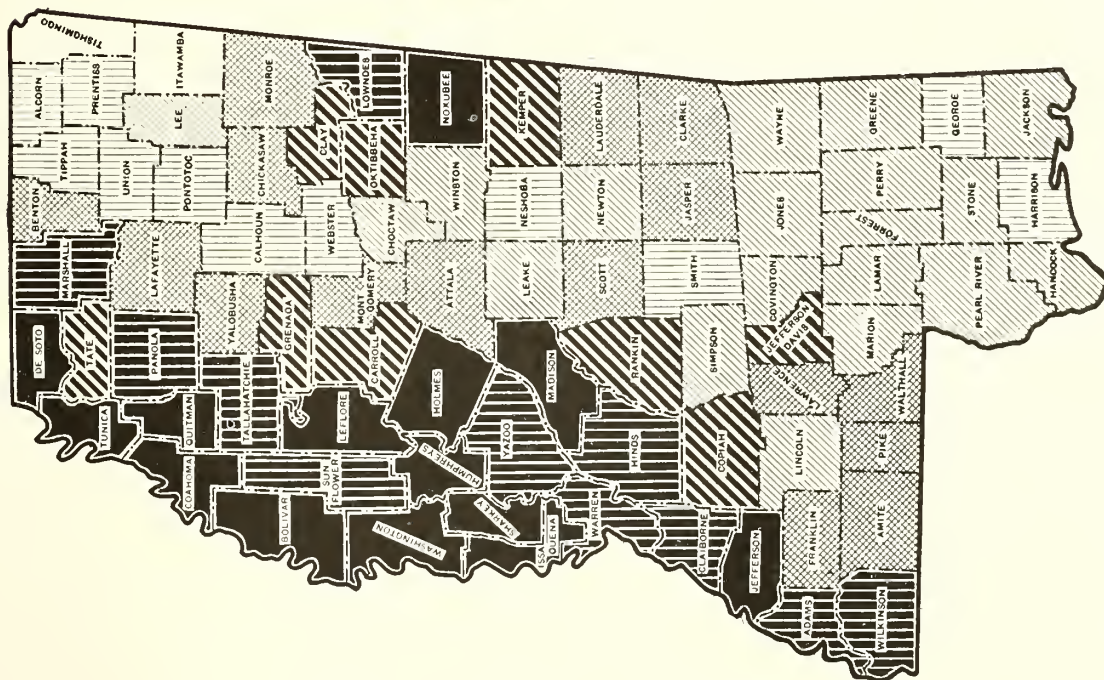


- LESS THAN 12½ PER CENT
- 12½ TO 25 PER CENT
- 25 TO 37½ PER CENT
- 37½ TO 50 PER CENT
- 50 TO 62½ PER CENT
- 62½ TO 75 PER CENT
- 75 PER CENT AND OVER
- ★ NO NEGRO POPULATION

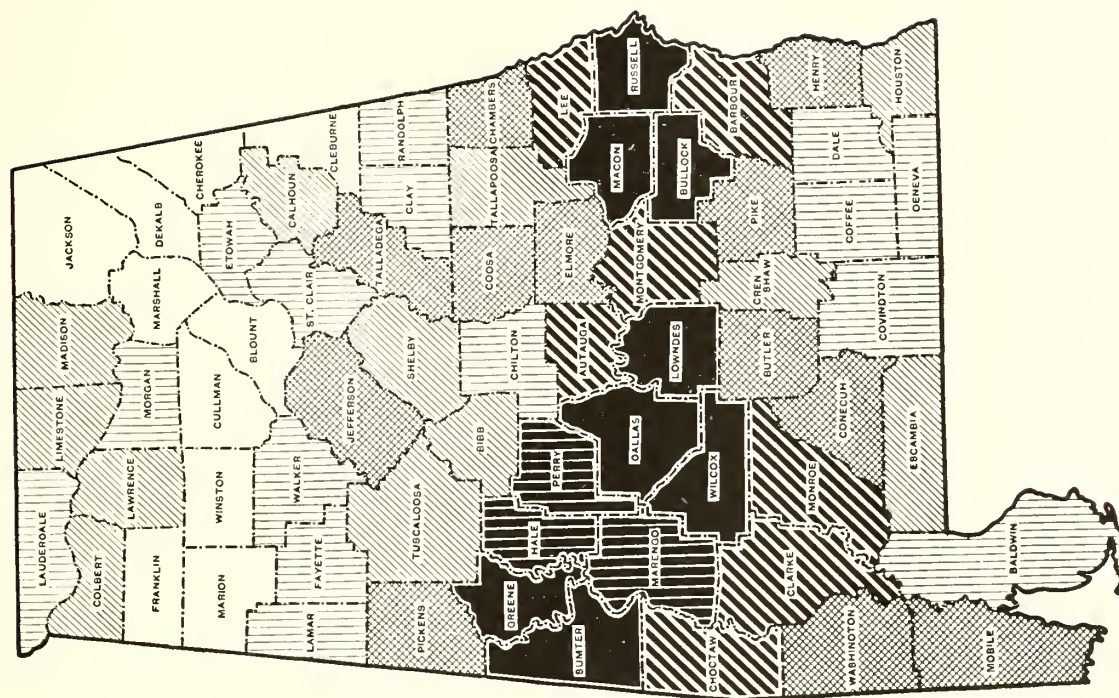




## MISSISSIPPI.

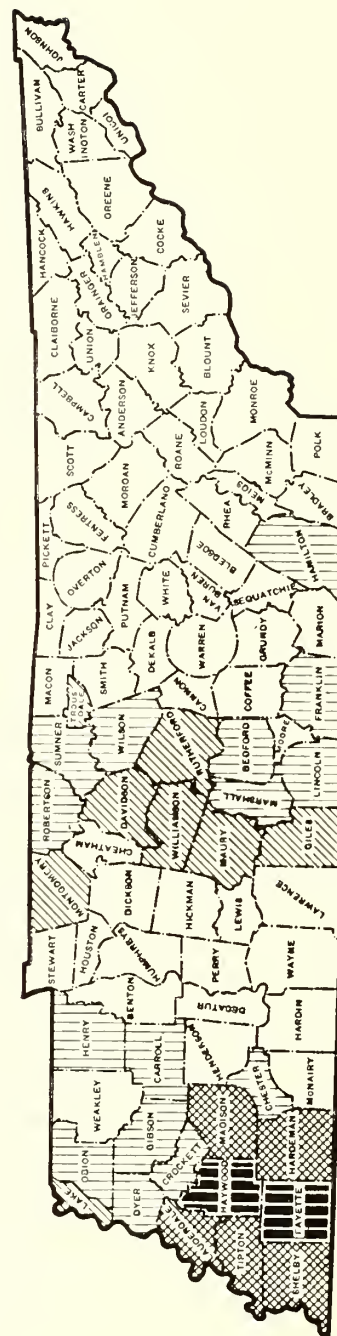
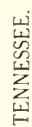


## ALABAMA.



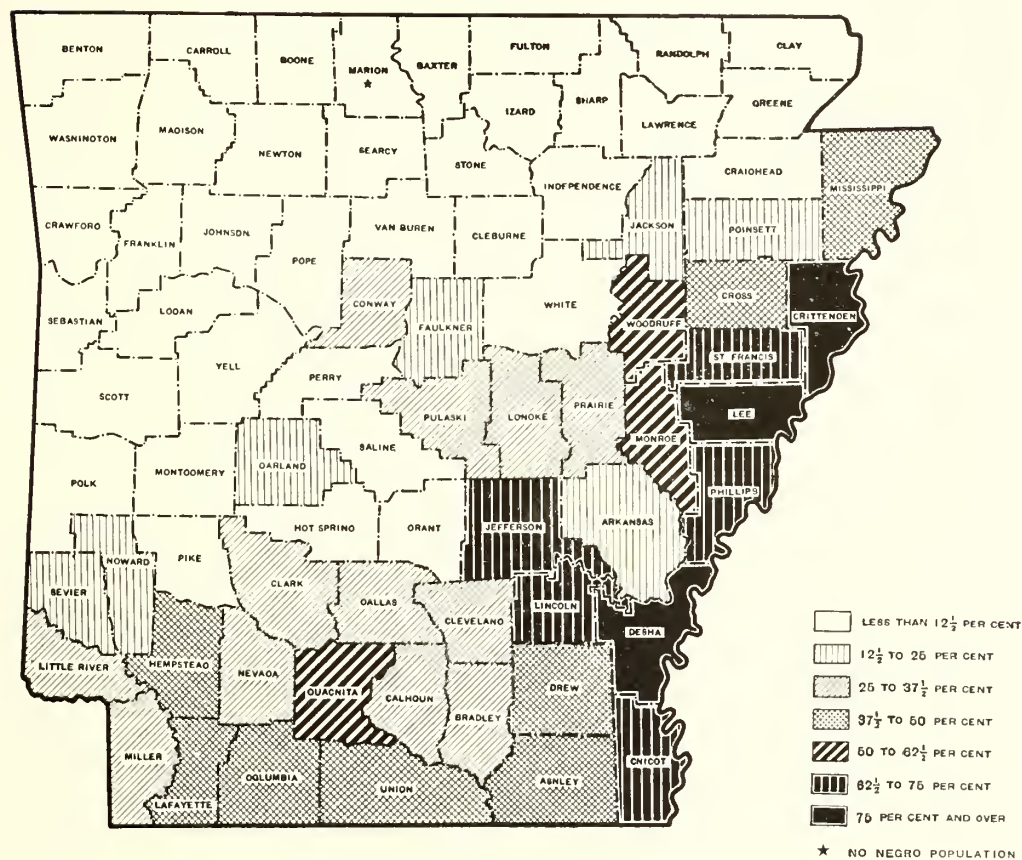


KENTUCKY.



PER CENT OF NEGROES IN TOTAL POPULATION, BY COUNTIES: 1920.

ARKANSAS.



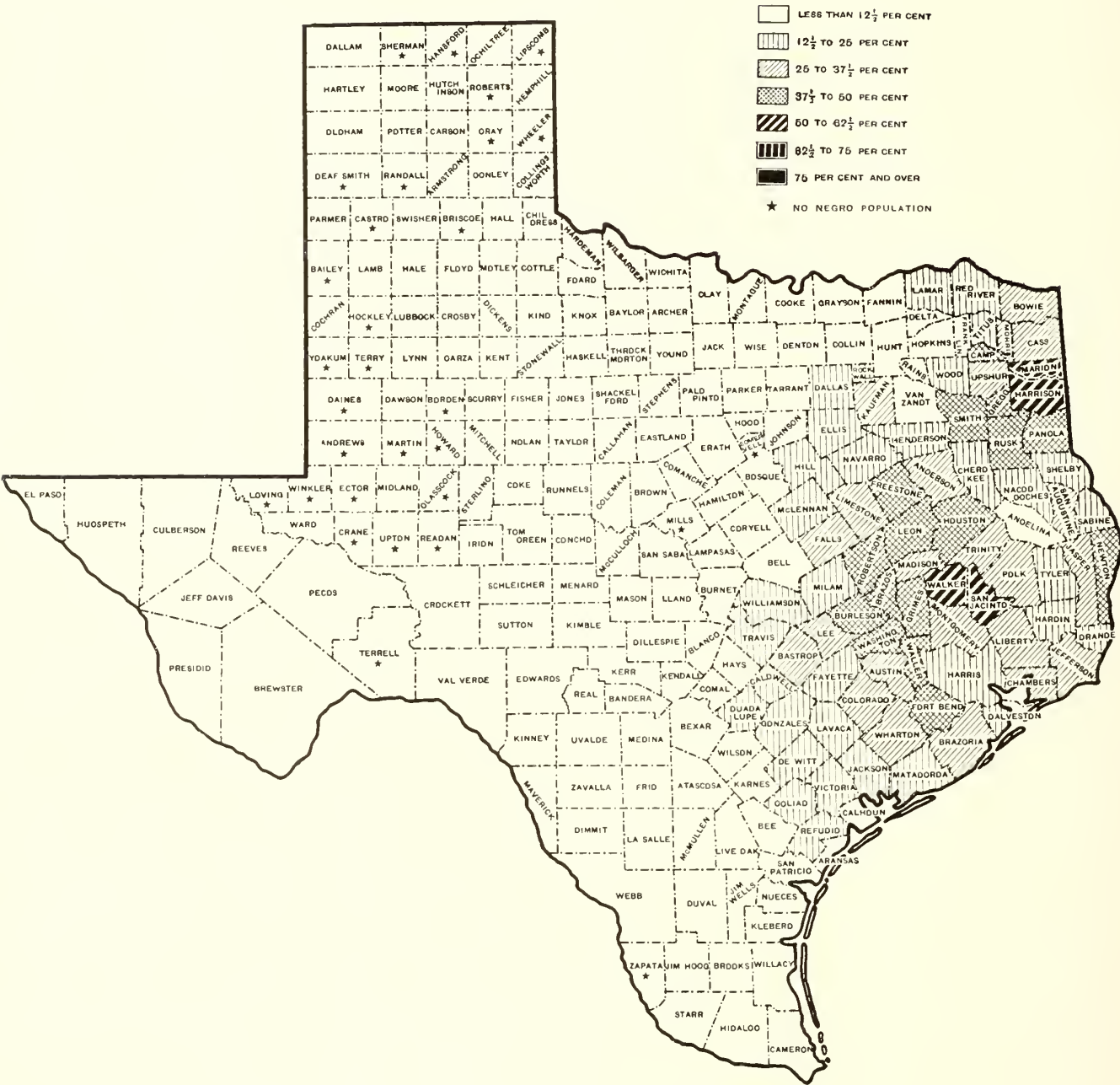
OKLAHOMA.





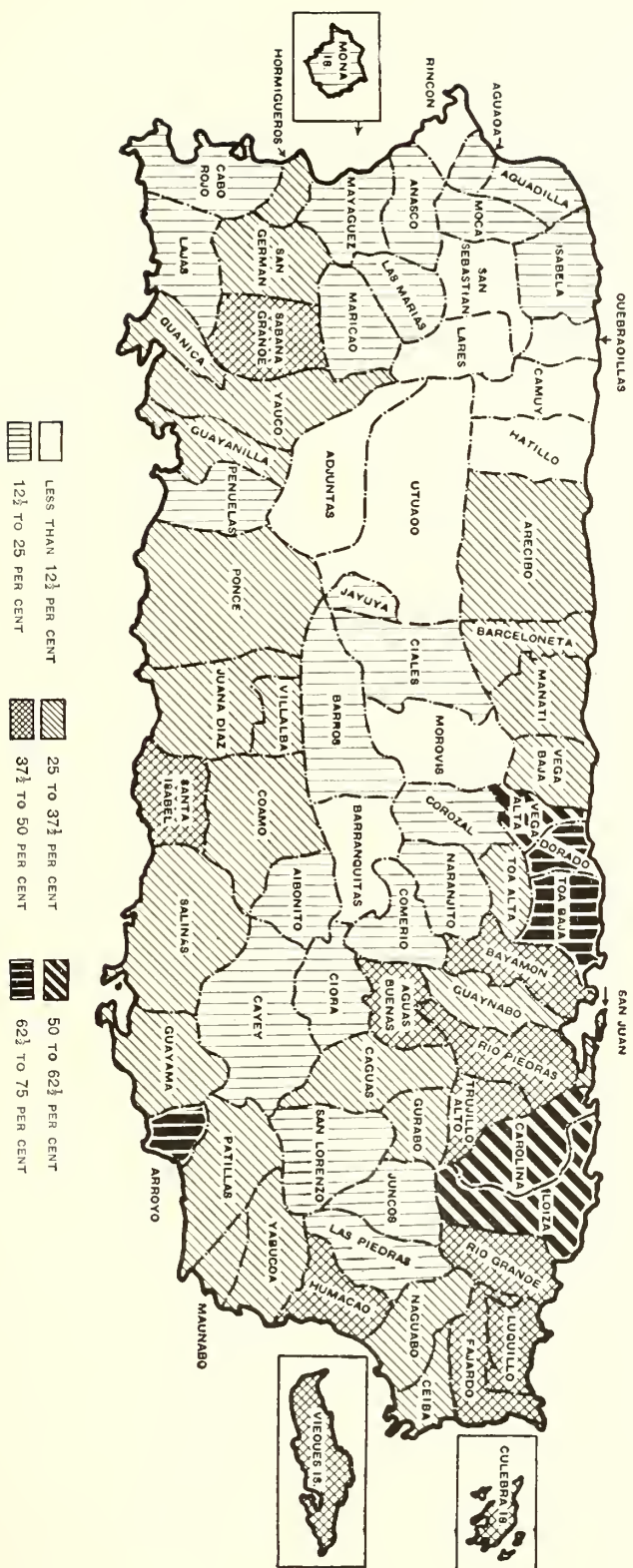
PER CENT OF NEGROES IN TOTAL POPULATION, BY COUNTIES: 1920.

TEXAS.



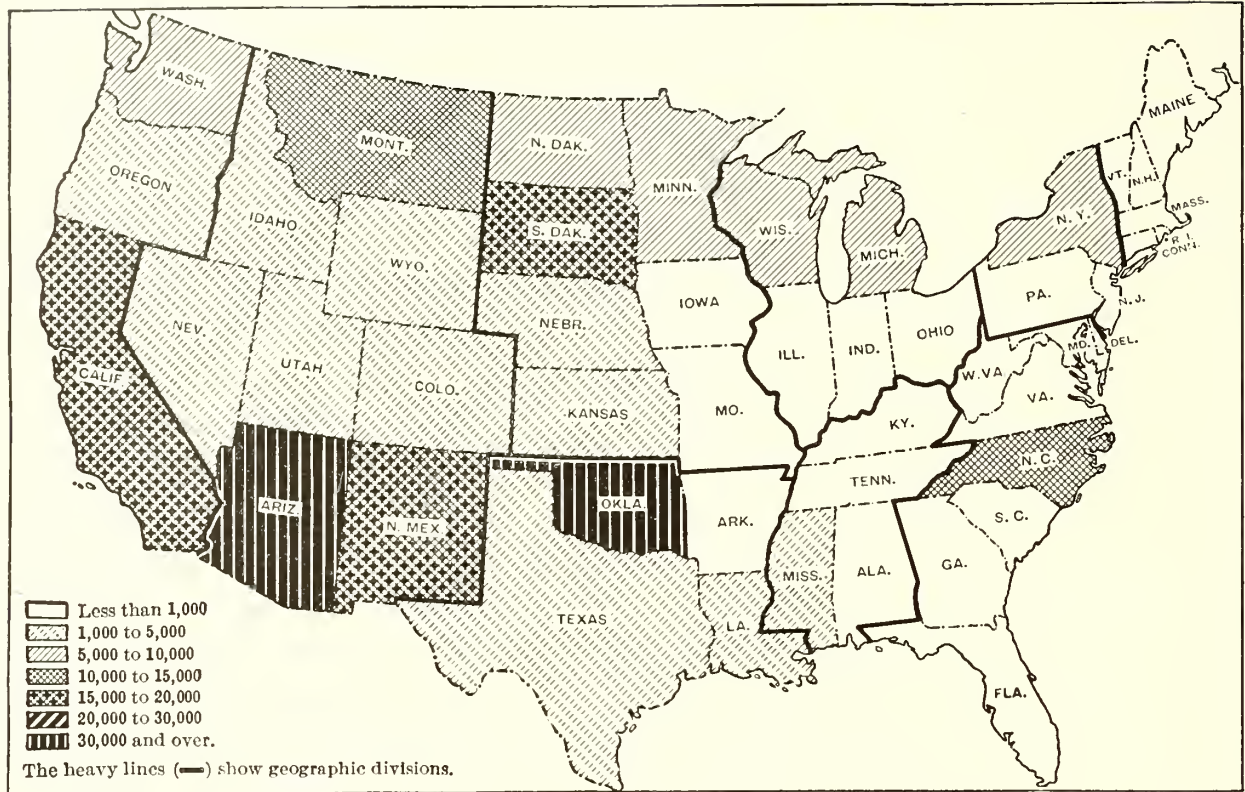
PER CENT BLACK AND MULATTO IN TOTAL POPULATION, BY MUNICIPALITIES: 1920.

PORTO RICO.

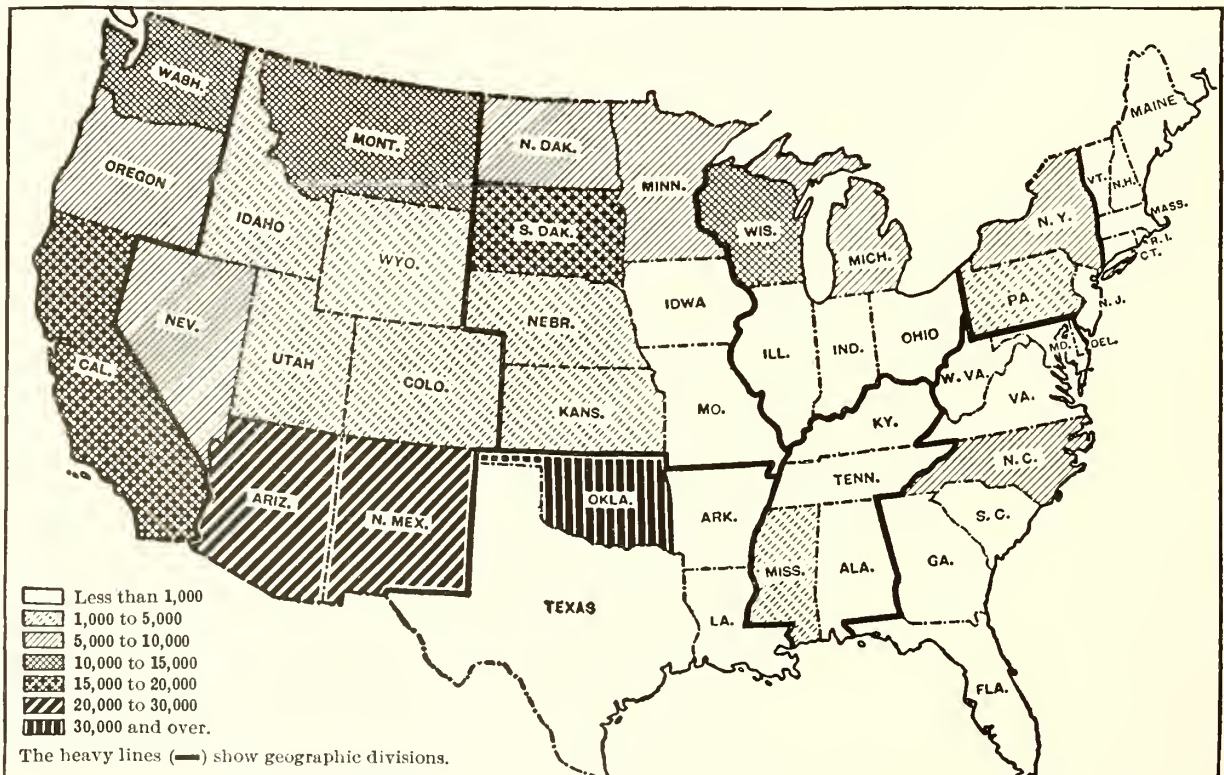




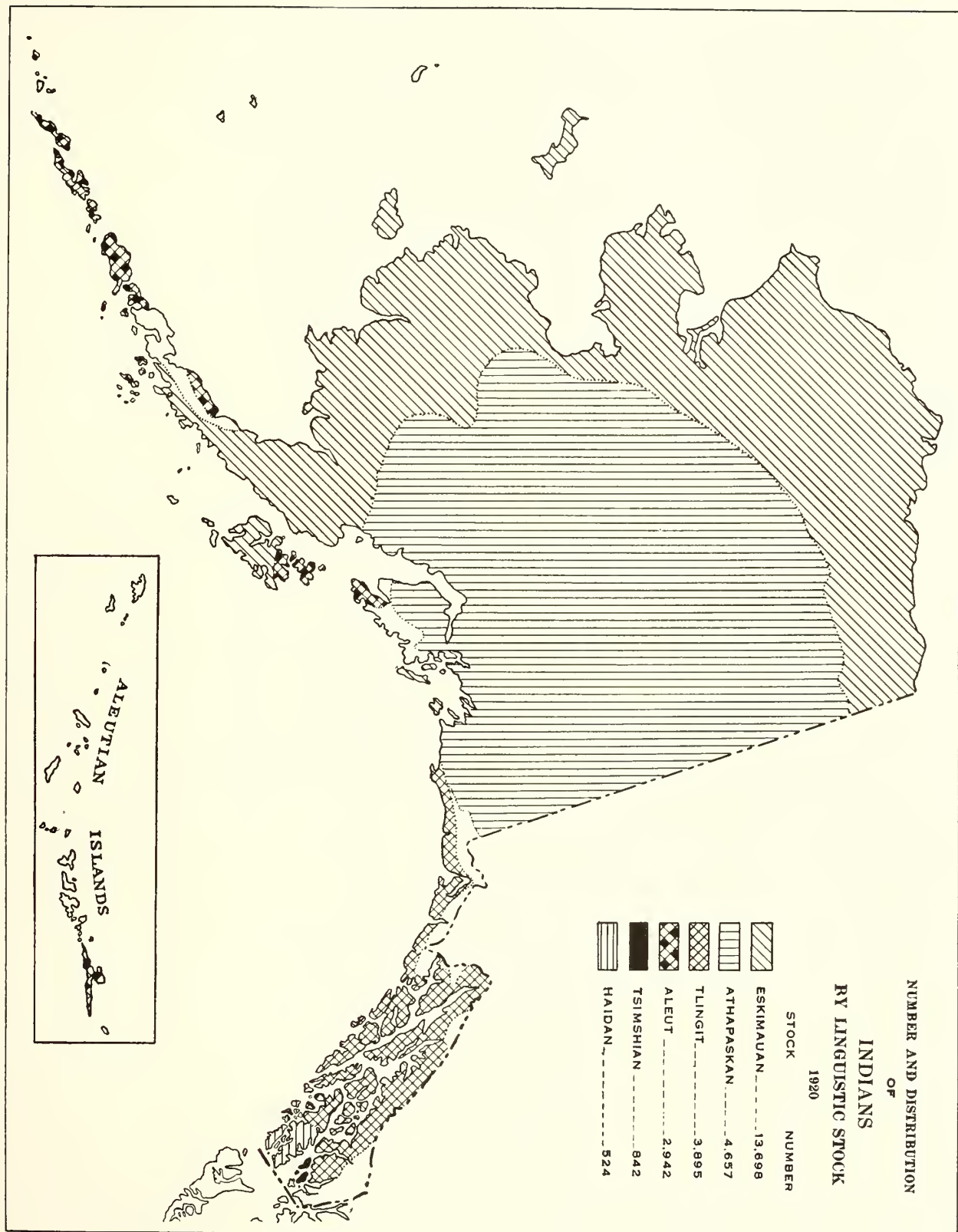
1. DISTRIBUTION OF THE INDIAN POPULATION OF THE UNITED STATES, BY STATES: 1920.



2. DISTRIBUTION OF THE INDIAN POPULATION OF THE UNITED STATES, BY STATES: 1910.

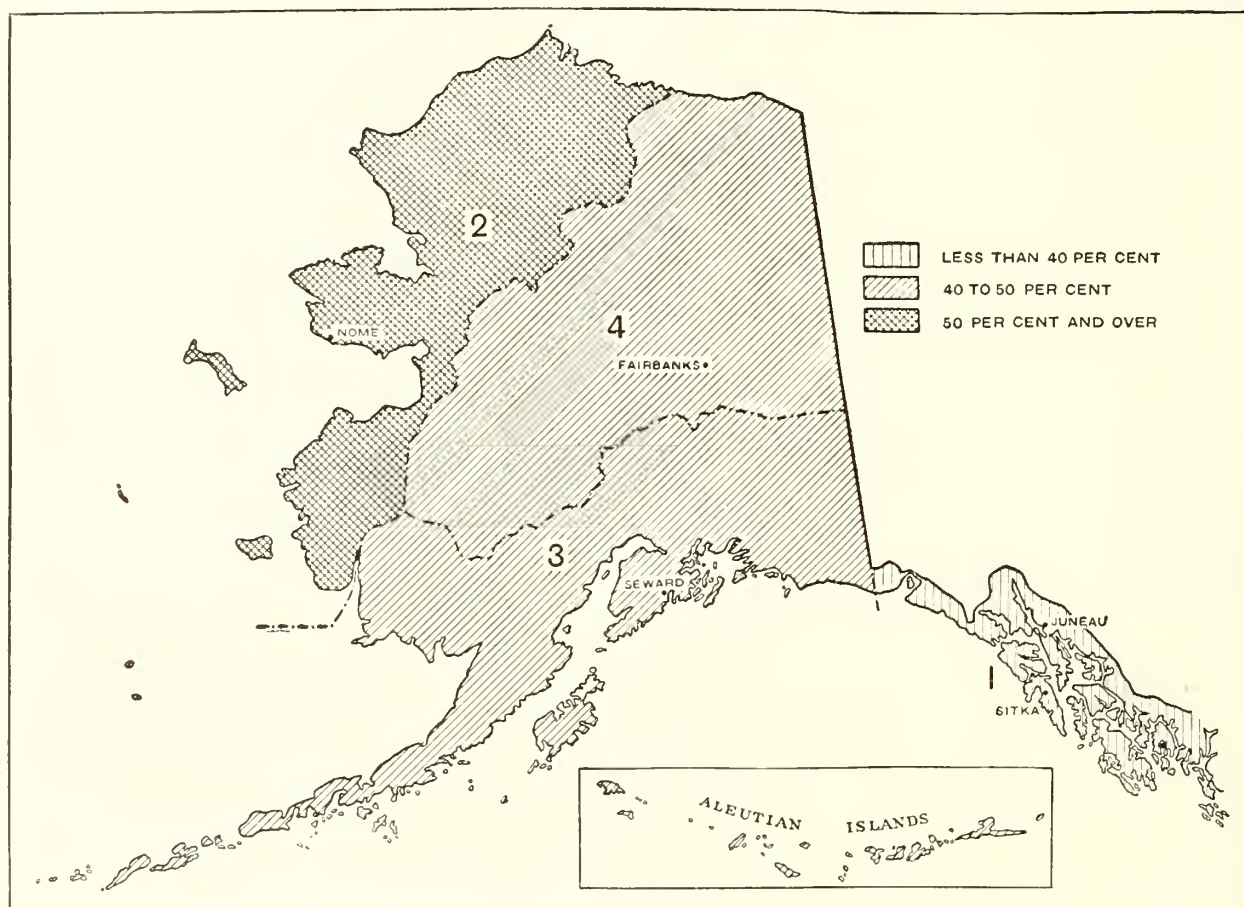


INDIANS IN ALASKA, BY LINGUISTIC STOCK.

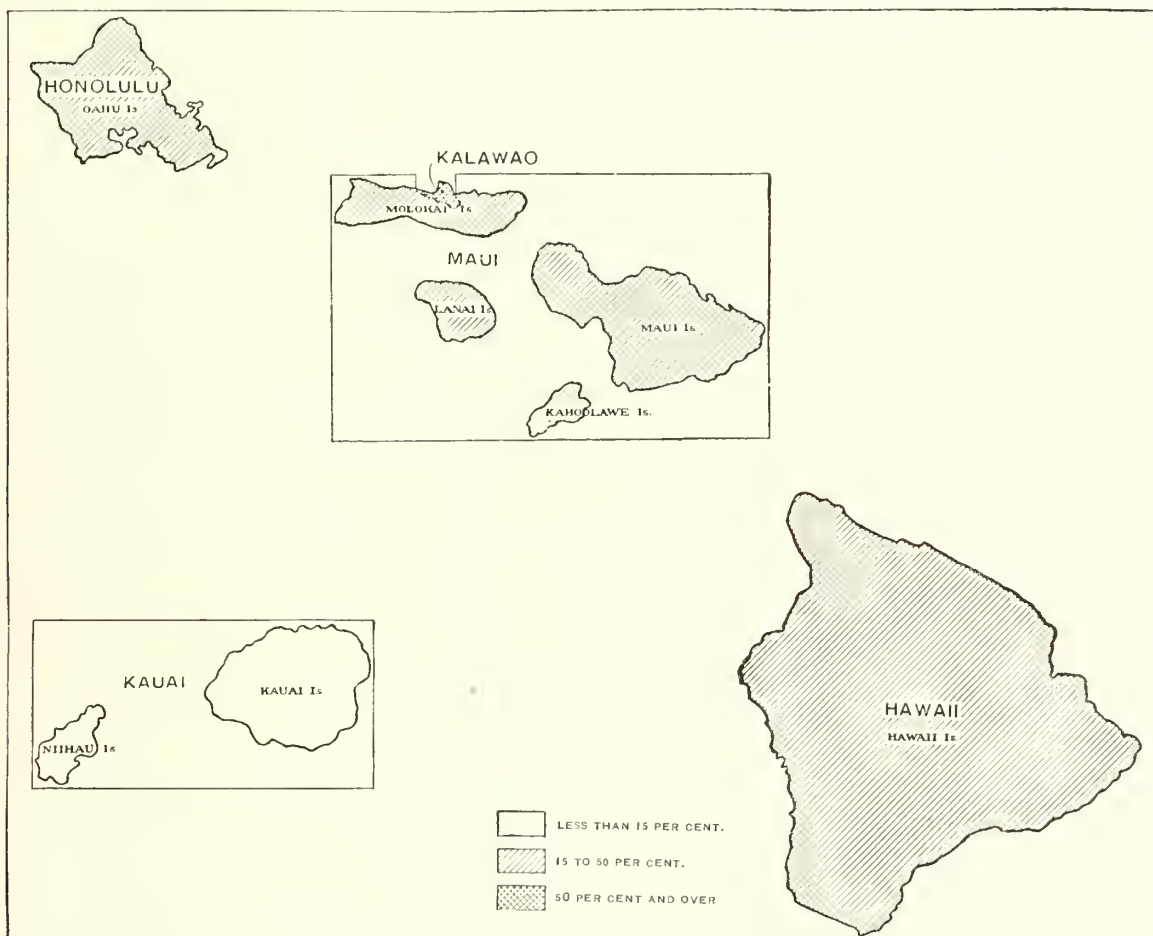




PER CENT OF INDIANS IN TOTAL POPULATION OF ALASKA, BY JUDICIAL DISTRICTS: 1920.



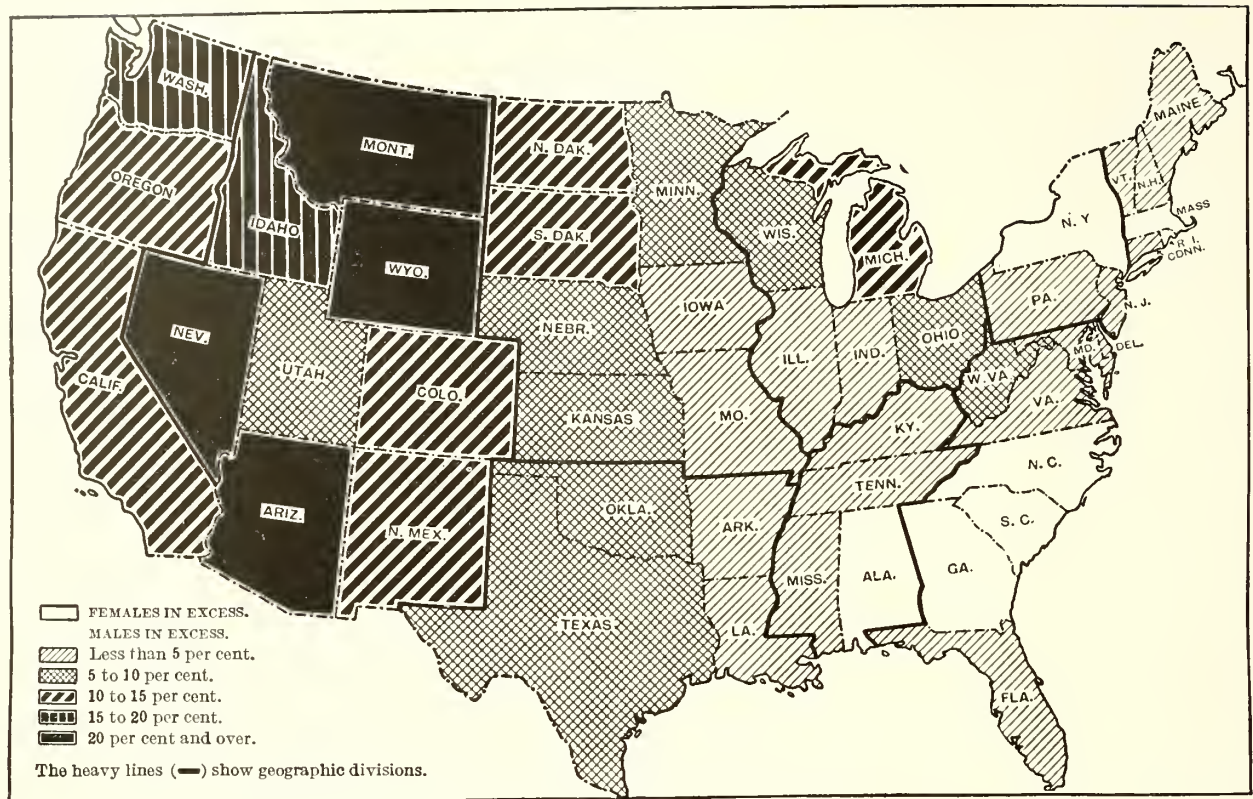
PER CENT OF HAWAIIANS AND PART-HAWAIIANS IN TOTAL POPULATION OF HAWAII, BY COUNTIES: 1920.





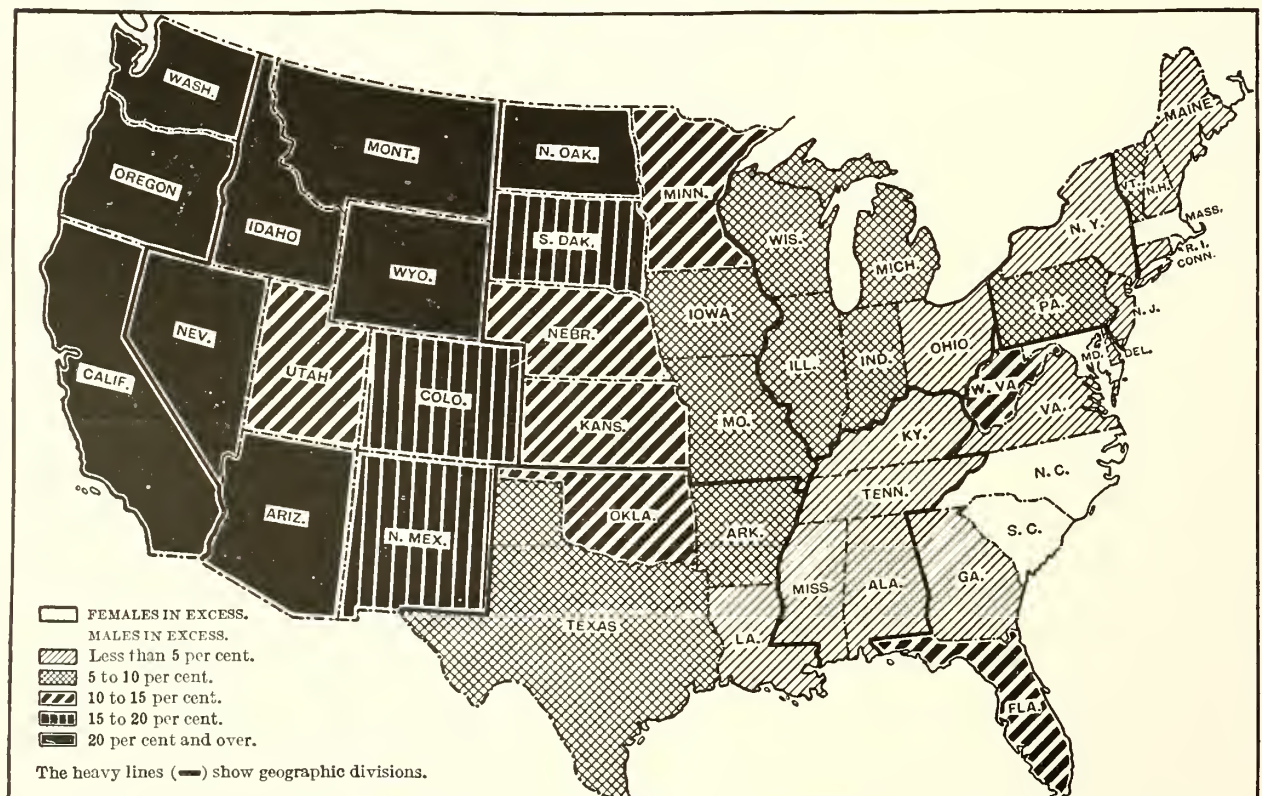
# 1. RATIO OF MALES TO FEMALES IN TOTAL POPULATION, BY STATES: 1920.

[District of Columbia, females in excess, not shown separately on the map.]

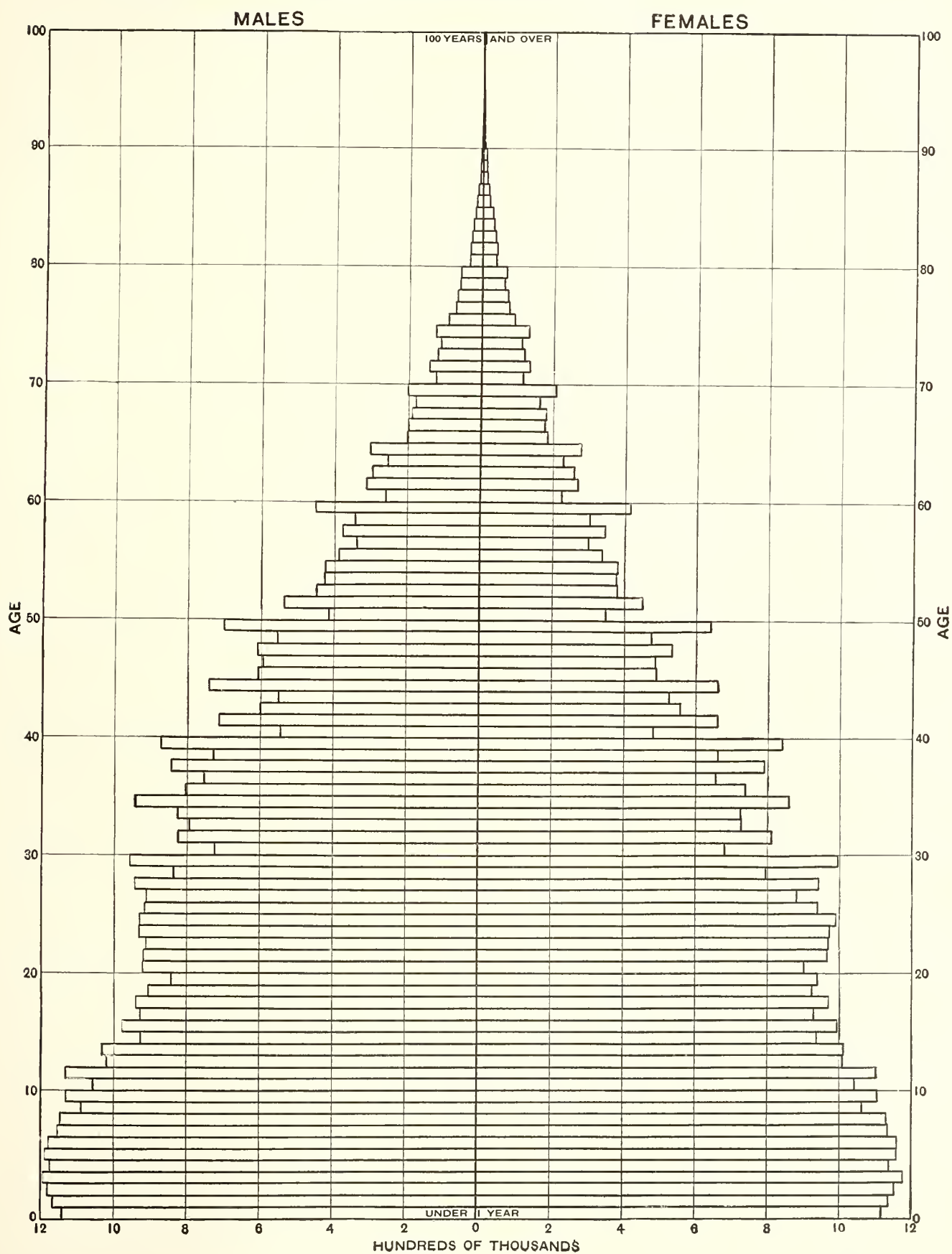


# 2. RATIO OF MALES TO FEMALES IN TOTAL POPULATION, BY STATES: 1910.

[District of Columbia, females in excess, not shown separately on the map.]



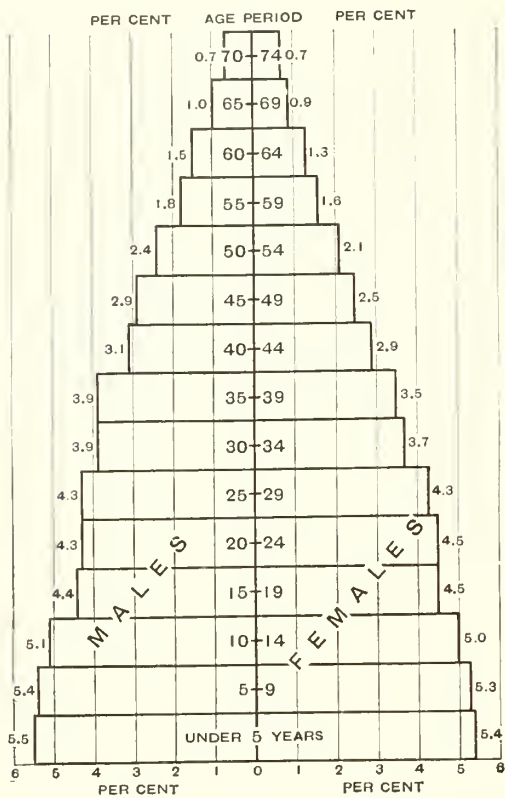
## DISTRIBUTION BY SINGLE YEARS OF AGE FOR THE TOTAL POPULATION, BY SEX: 1920.



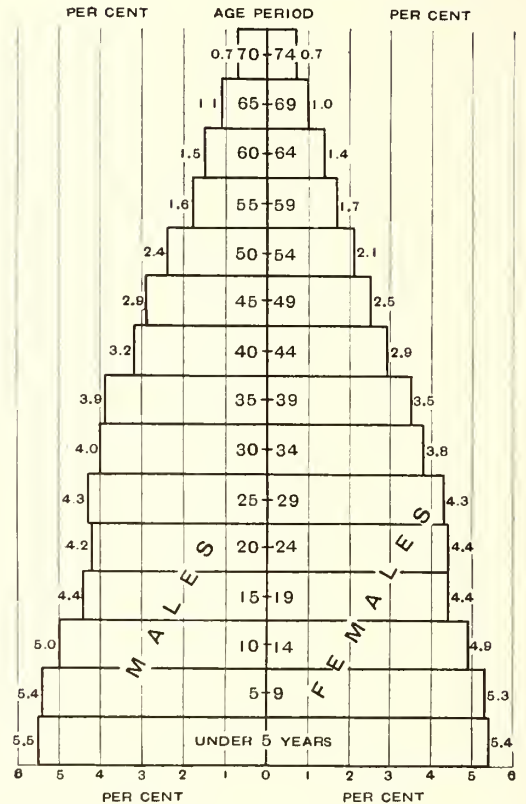


DISTRIBUTION BY AGE PERIODS AND SEX FOR TOTAL POPULATION AND FOR CERTAIN PRINCIPAL POPULATION CLASSES: 1920.

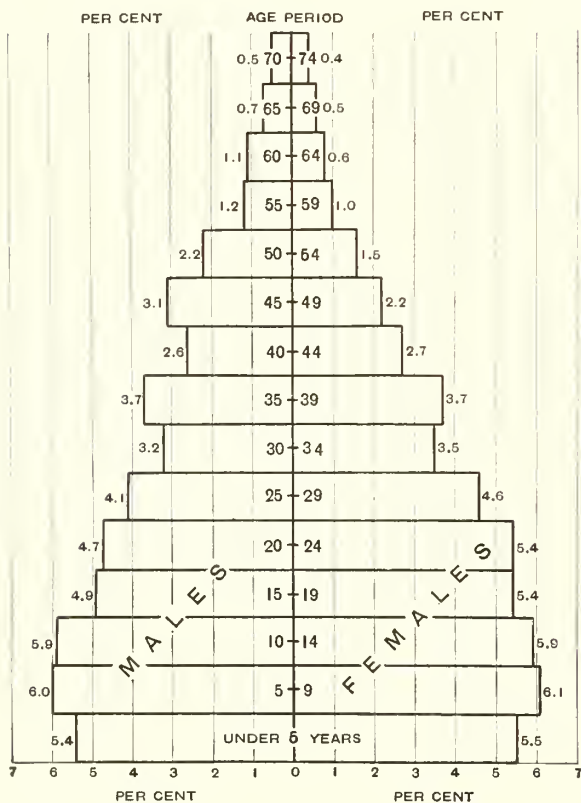
TOTAL POPULATION.



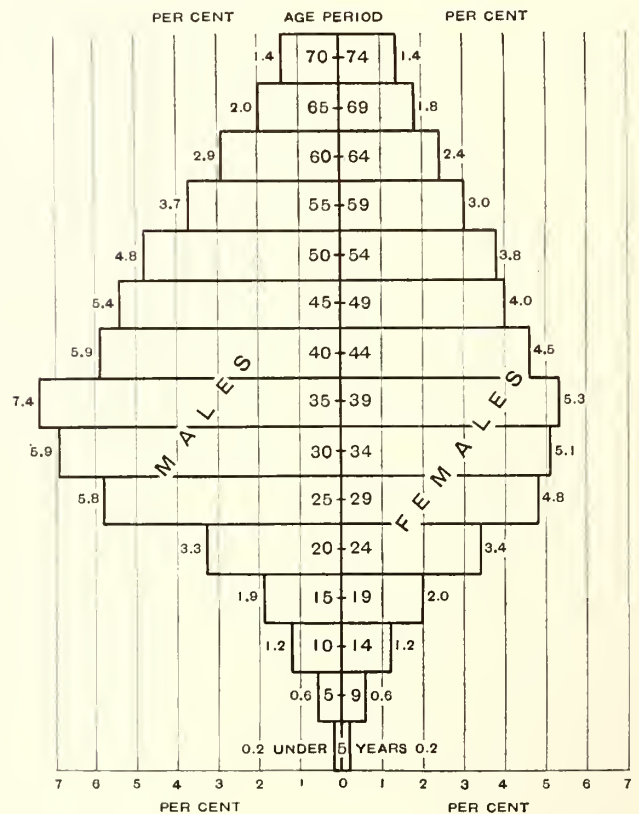
TOTAL WHITE.



NEGRO.

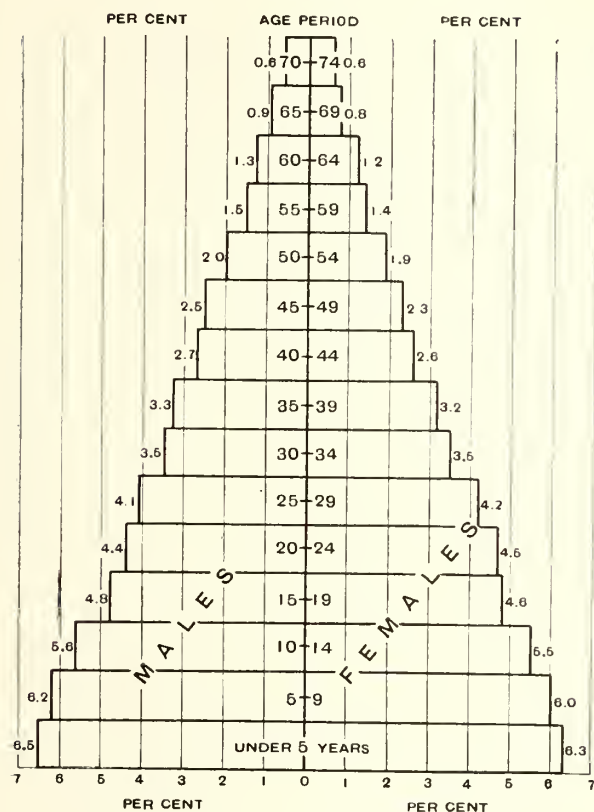


FOREIGN-BORN WHITE.

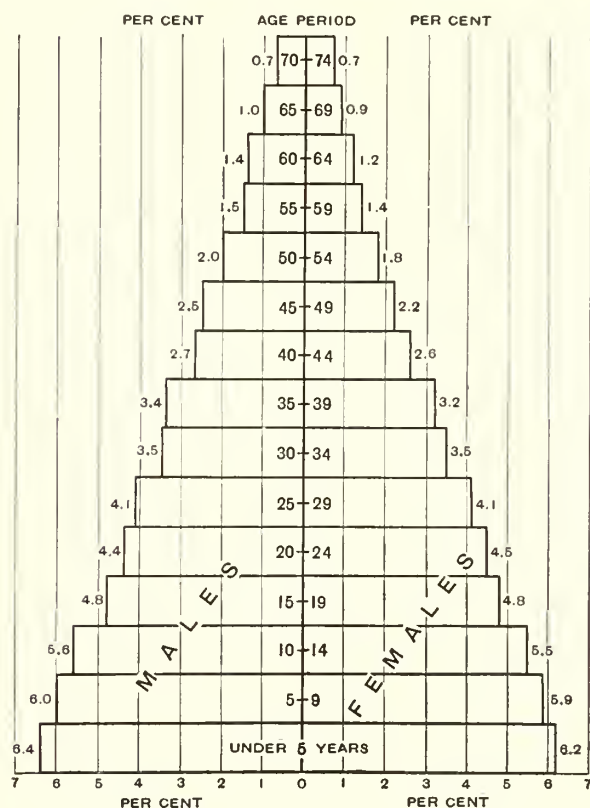


## DISTRIBUTION BY AGE PERIODS AND SEX FOR CERTAIN PRINCIPAL POPULATION CLASSES: 1920.

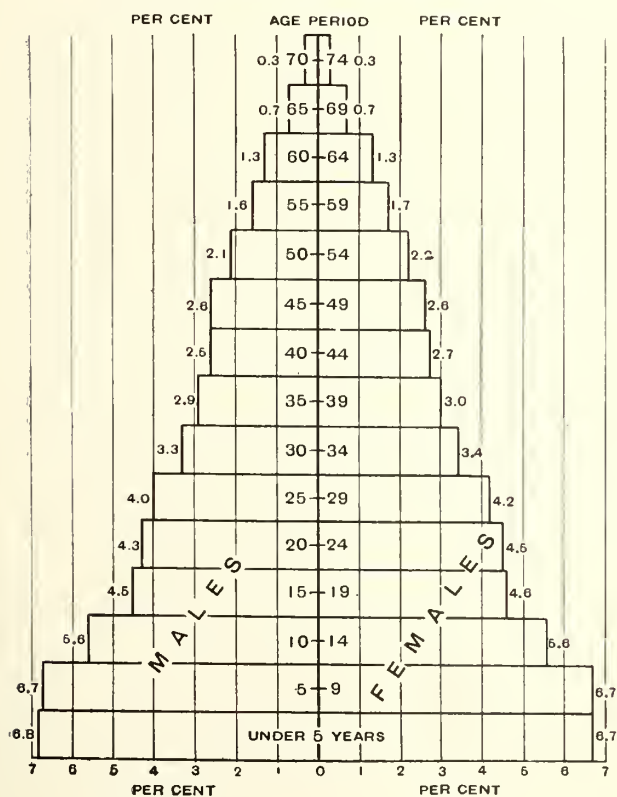
NATIVE WHITE.



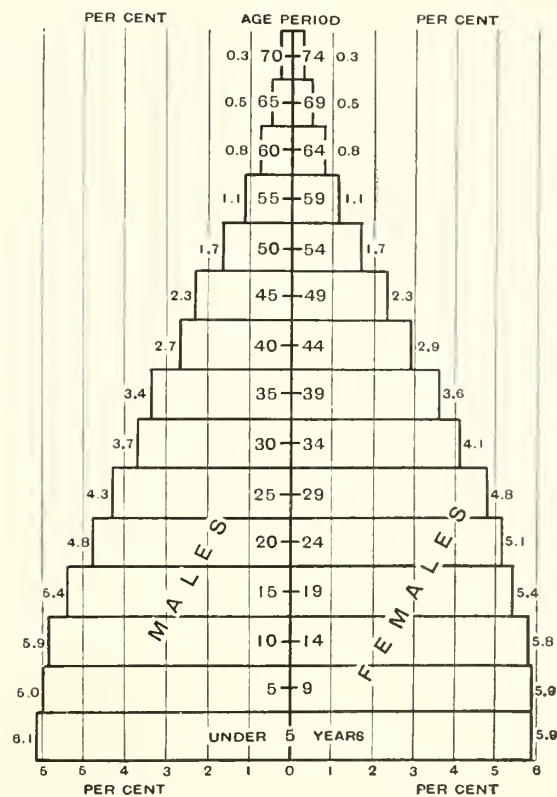
NATIVE WHITE OF NATIVE PARENTAGE.



NATIVE WHITE OF FOREIGN PARENTAGE.

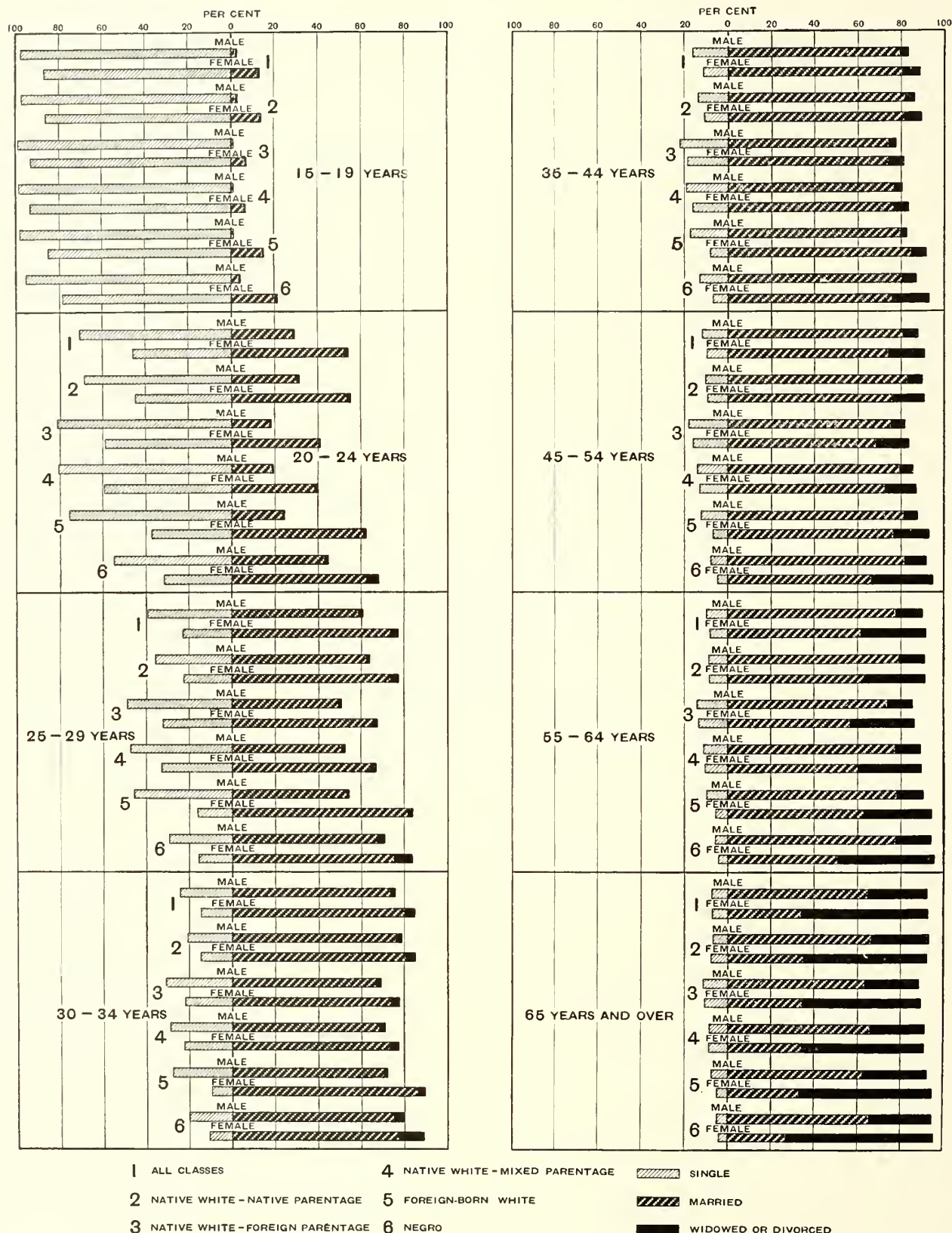


NATIVE WHITE OF MIXED PARENTAGE.



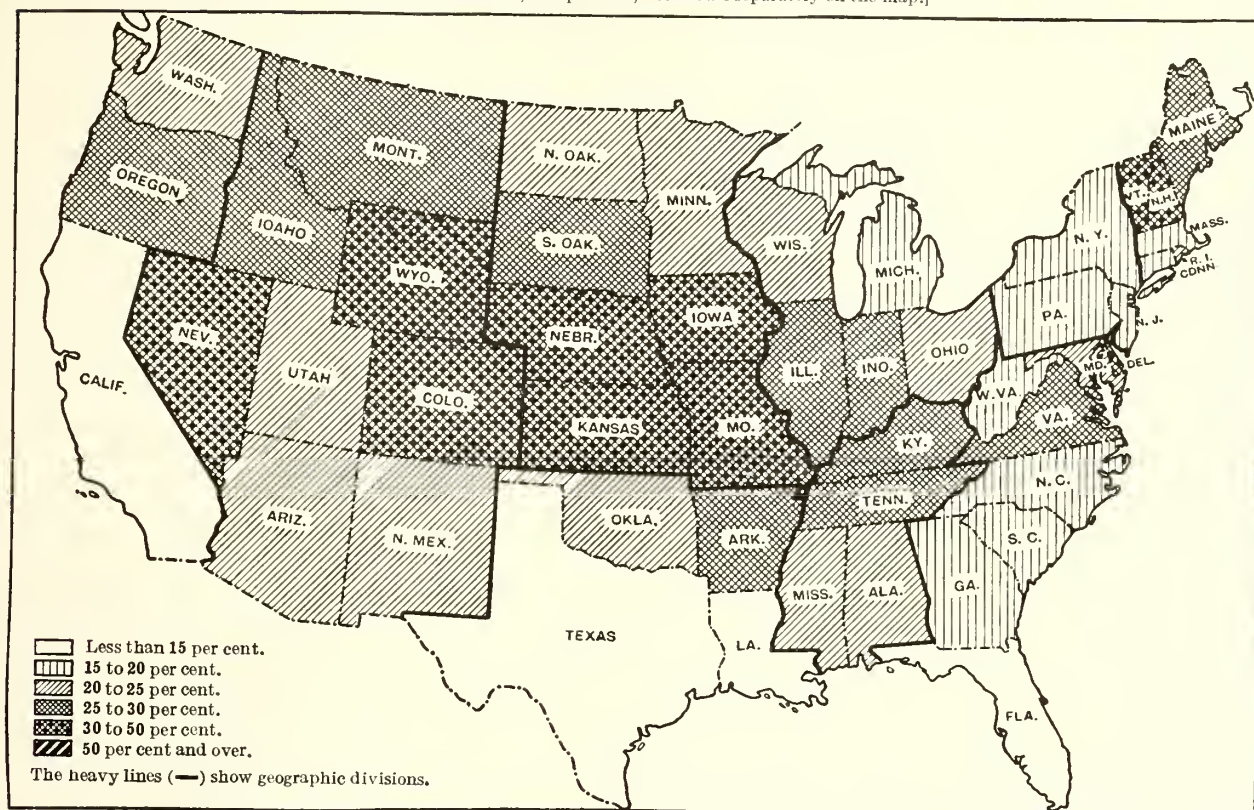


MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, BY SEX AND AGE PERIODS,  
FOR PRINCIPAL POPULATION CLASSES: 1920.

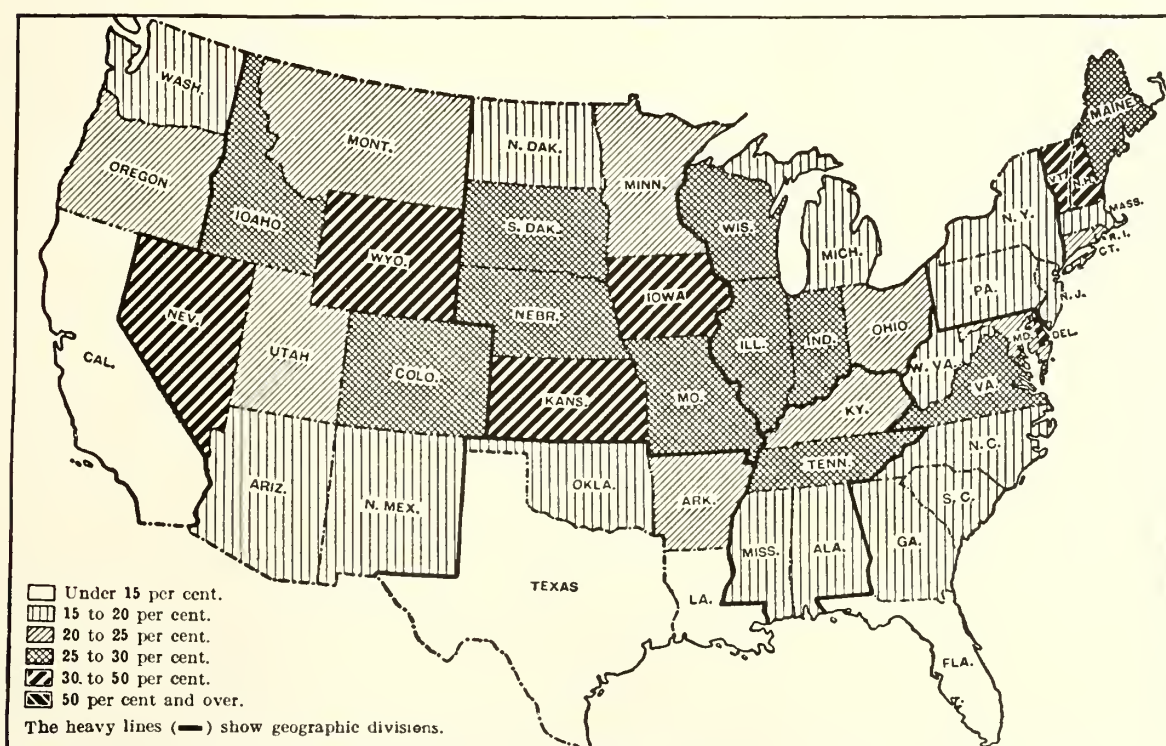


1. PER CENT WHICH POPULATION BORN IN EACH STATE AND LIVING IN OTHER STATES FORMED OF  
TOTAL BORN IN EACH STATE: 1920.

District of Columbia, 29.2 per cent, not shown separately on the map.]



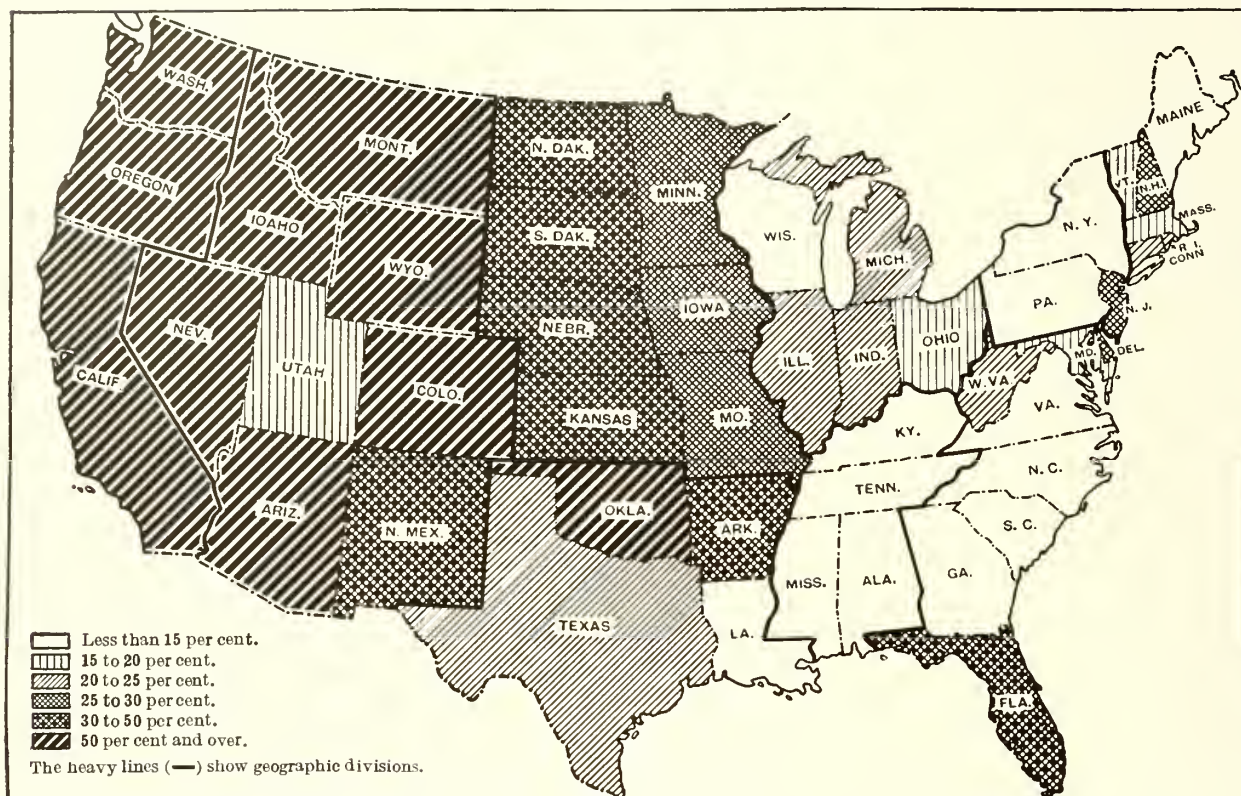
2. PER CENT WHICH POPULATION BORN IN EACH STATE AND LIVING IN OTHER STATES FORMED OF  
TOTAL BORN IN EACH STATE: 1910.



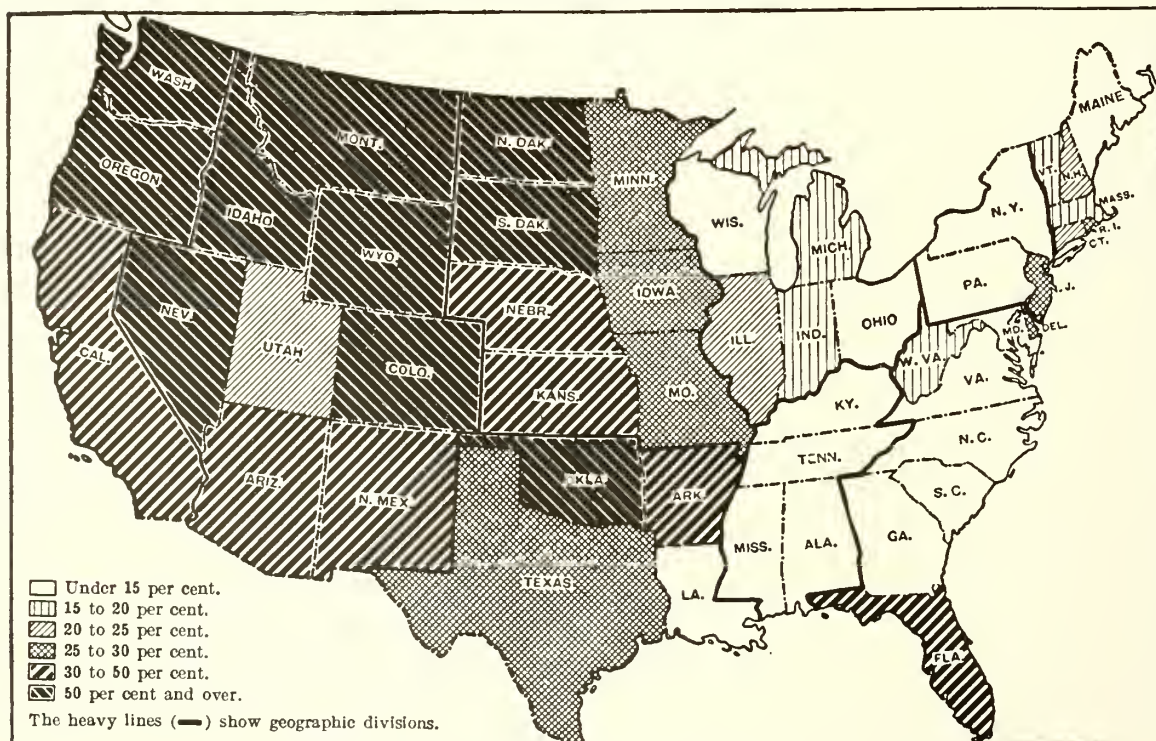


1. PER CENT WHICH POPULATION BORN IN OTHER STATES FORMED OF TOTAL NATIVE POPULATION LIVING IN EACH STATE: 1920.

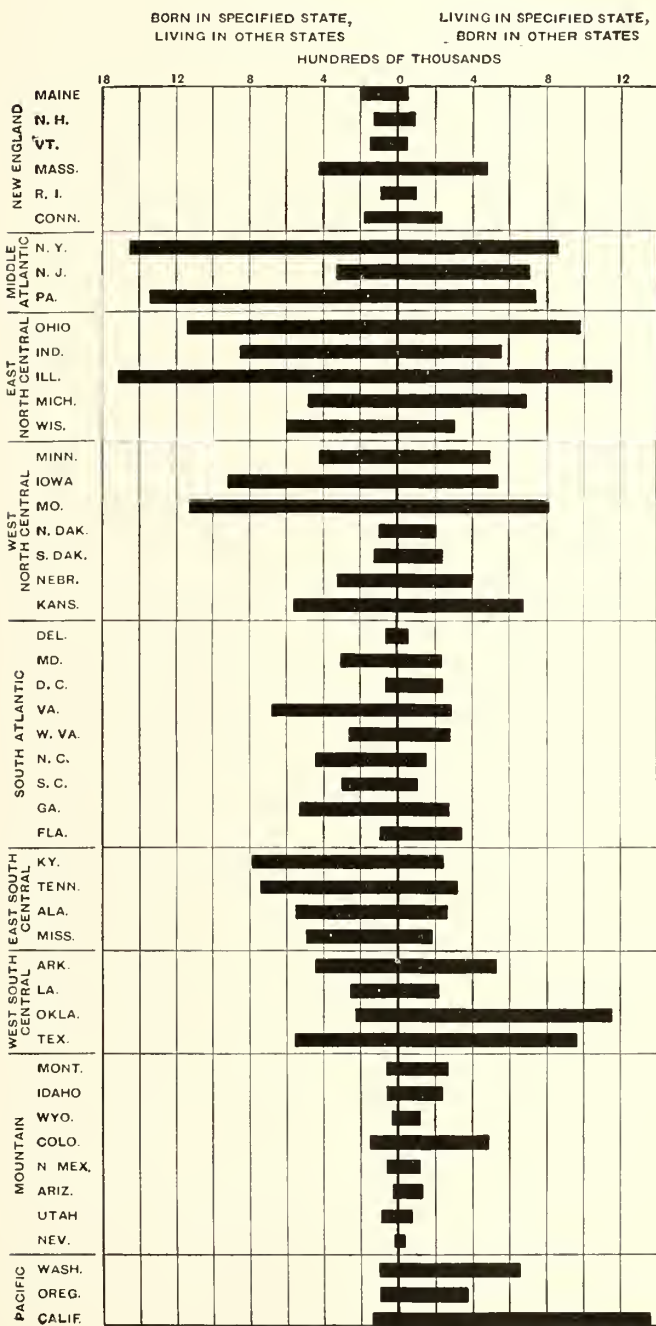
[District of Columbia, 60.4 per cent, not shown separately on the map.]



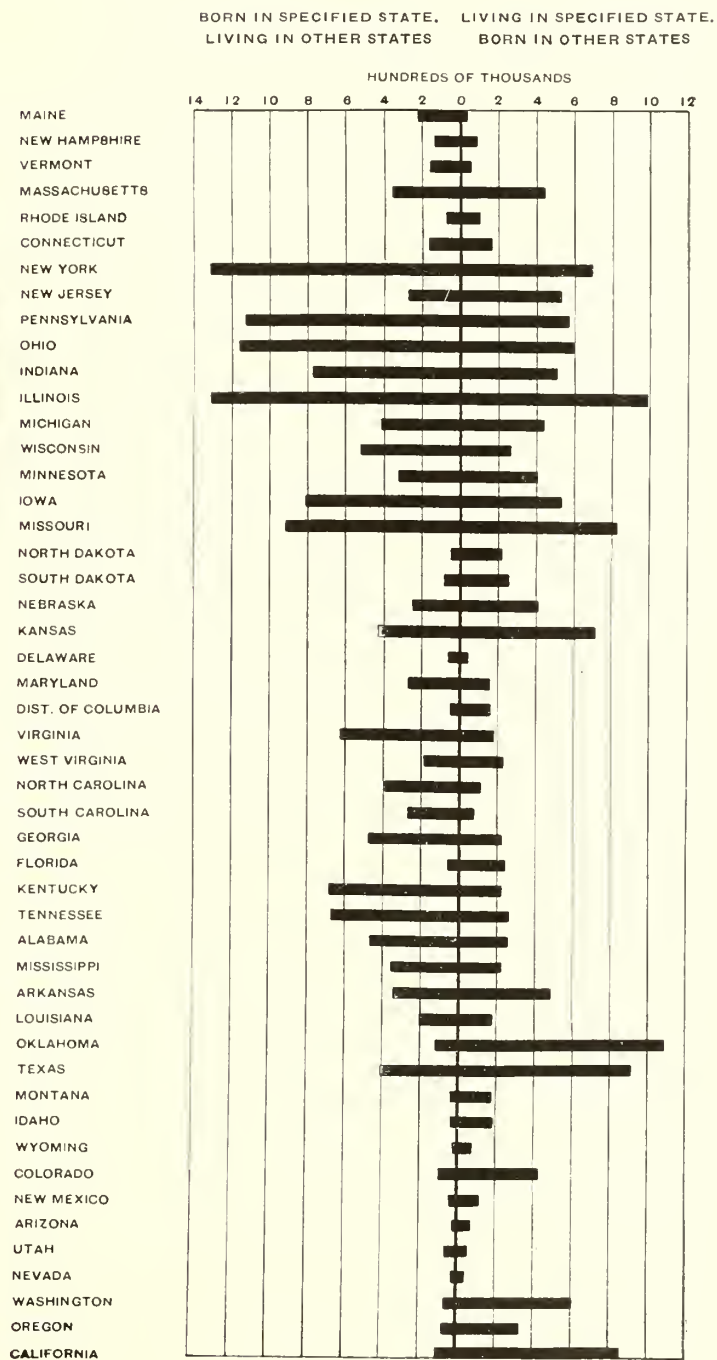
2. PER CENT WHICH POPULATION BORN IN OTHER STATES FORMED OF TOTAL NATIVE POPULATION LIVING IN EACH STATE: 1910.



1. MIGRATION OF NATIVE POPULATION FROM AND TO EACH STATE:  
1920.

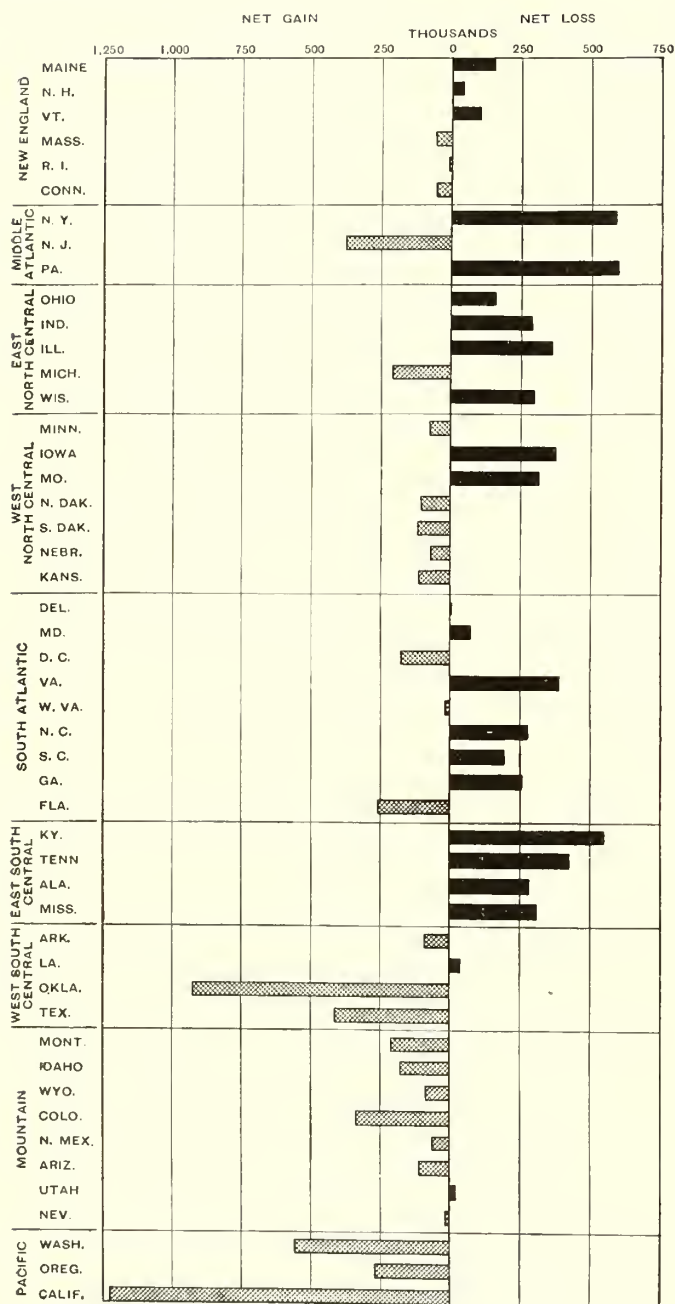


2. MIGRATION OF NATIVE POPULATION FROM AND TO EACH STATE:  
1910.

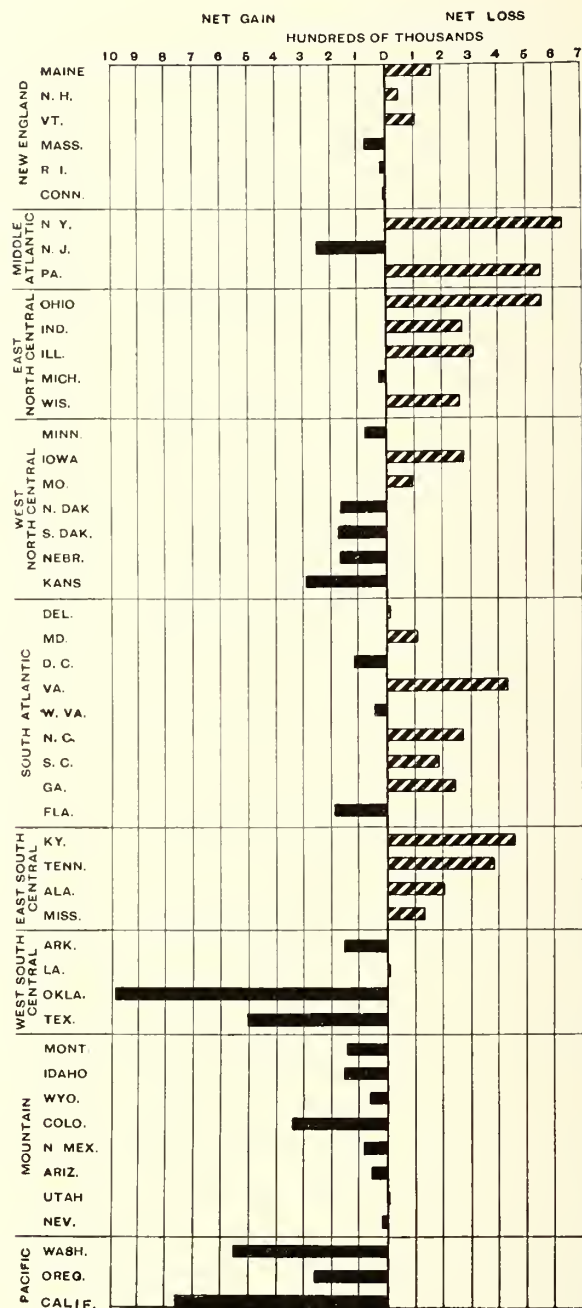




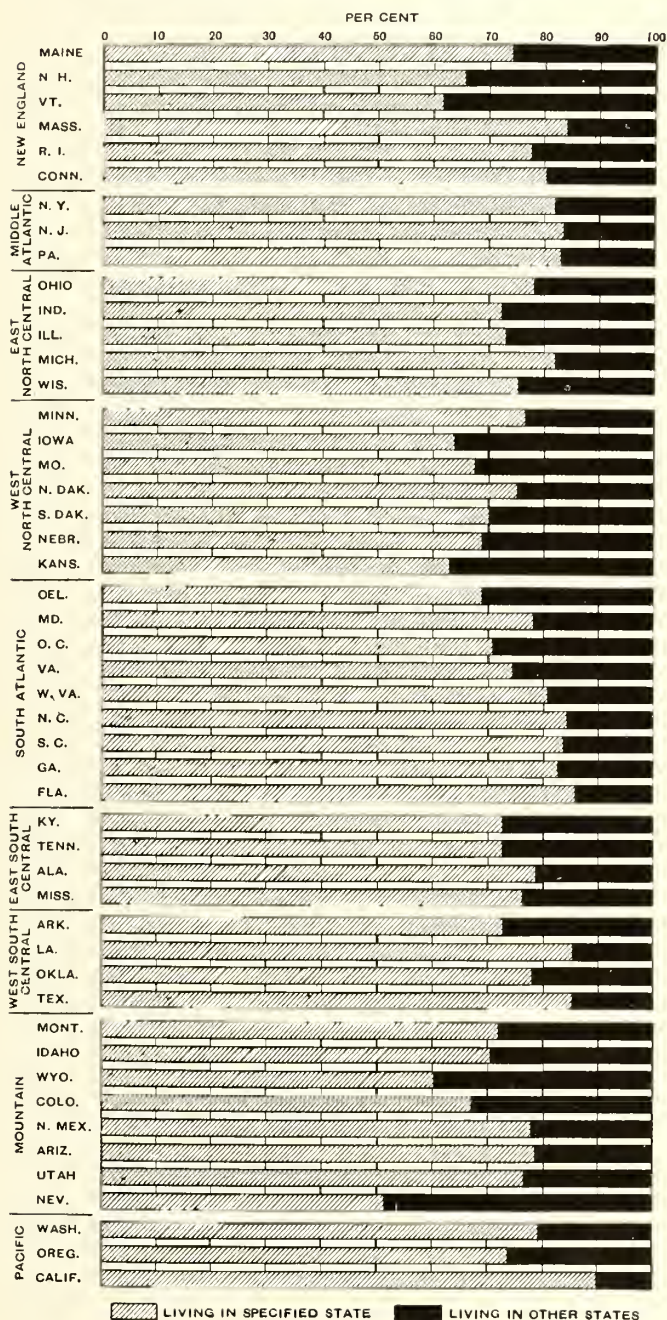
1. NET GAIN OR NET LOSS THROUGH INTERSTATE MIGRATION:  
1920.



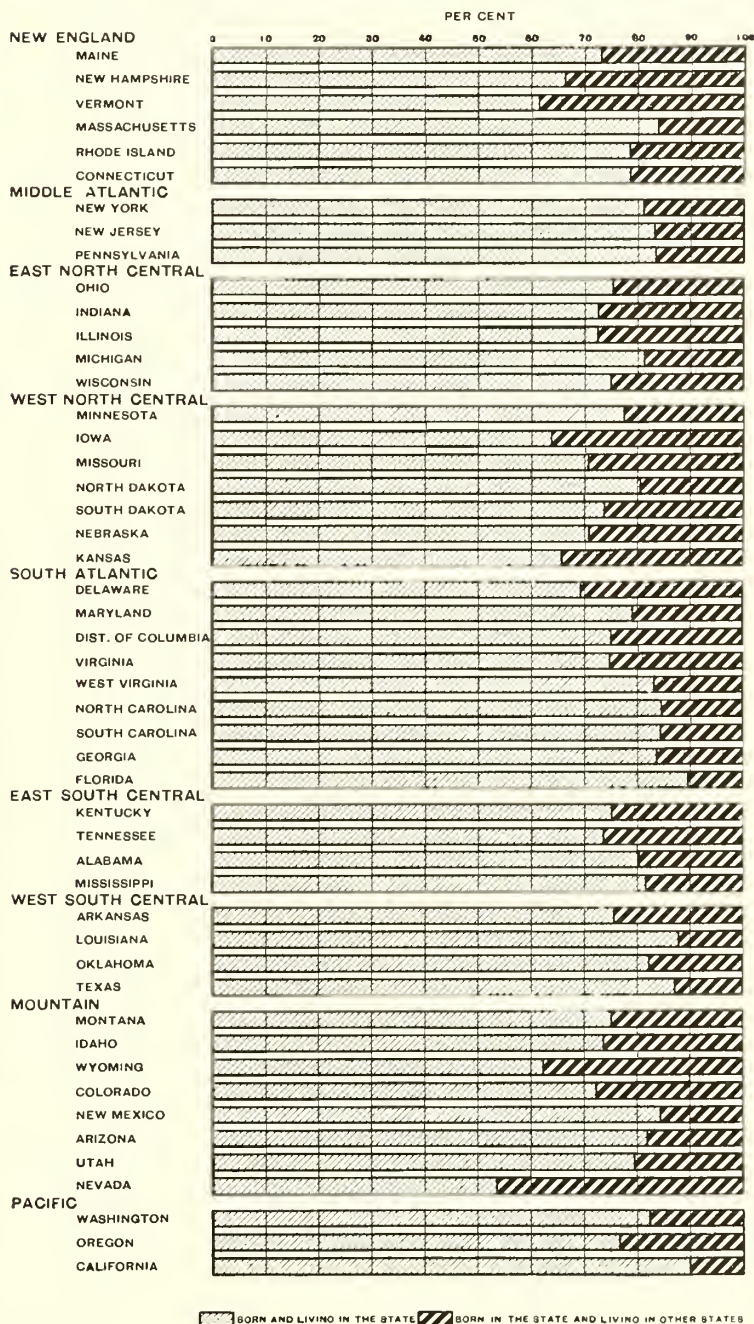
2. NET GAIN OR NET LOSS THROUGH INTERSTATE MIGRATION:  
1910.



1. DISTRIBUTION OF POPULATION BORN IN EACH STATE AS LIVING IN STATE OF BIRTH OR IN OTHER STATES: 1920.

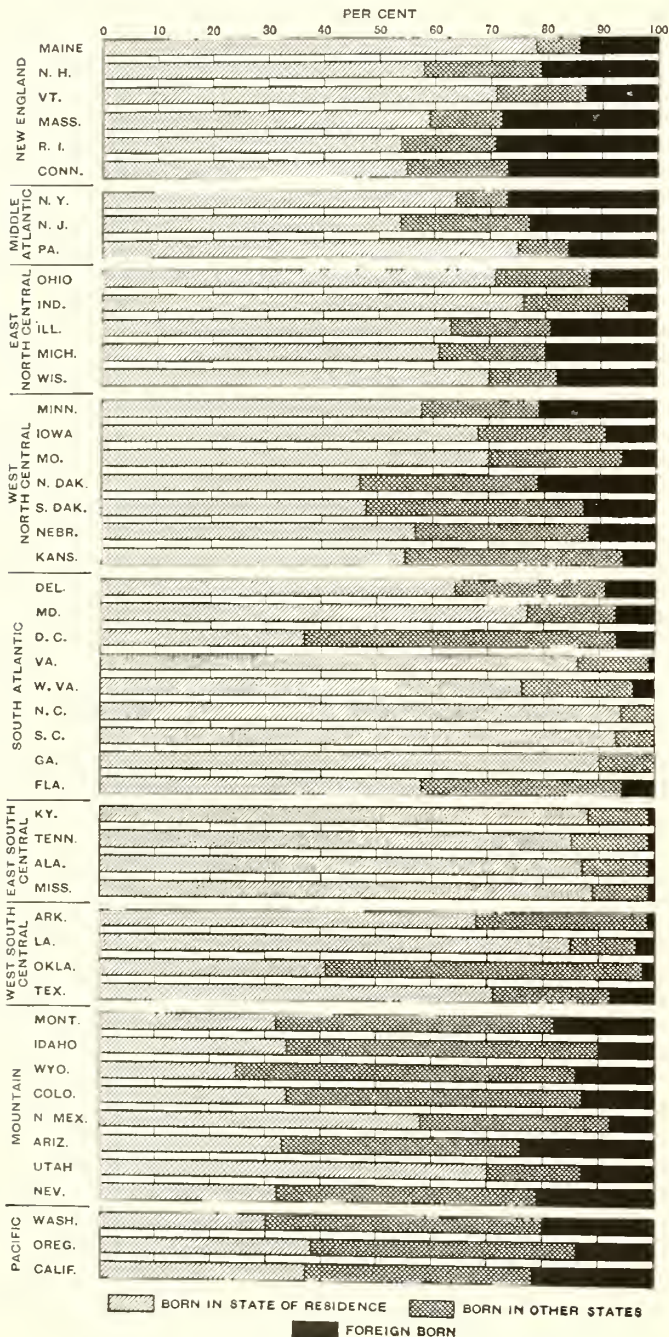


2. DISTRIBUTION OF POPULATION BORN IN EACH STATE AS LIVING IN STATE OF BIRTH OR IN OTHER STATES: 1910.

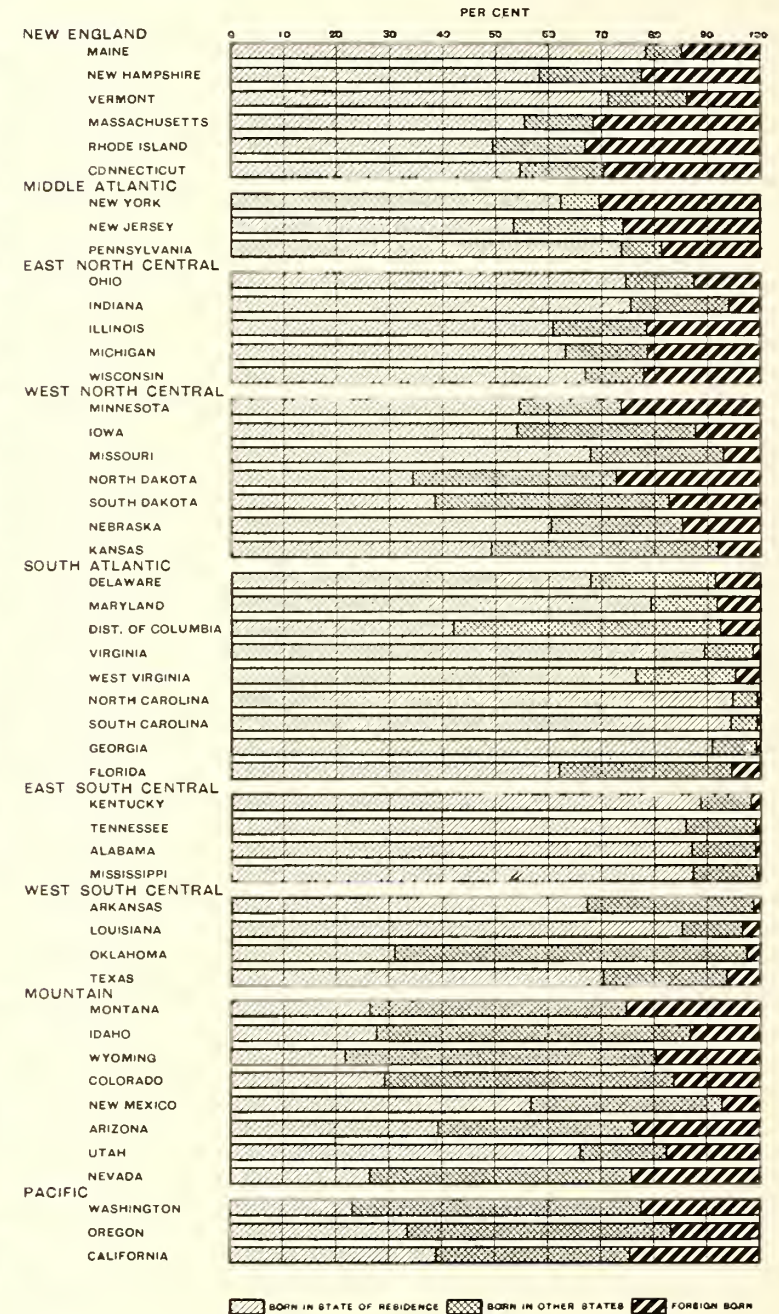




1. DISTRIBUTION OF TOTAL POPULATION OF EACH STATE AS BORN IN STATE OF RESIDENCE, IN OTHER STATES, OR FOREIGN BORN: 1920.

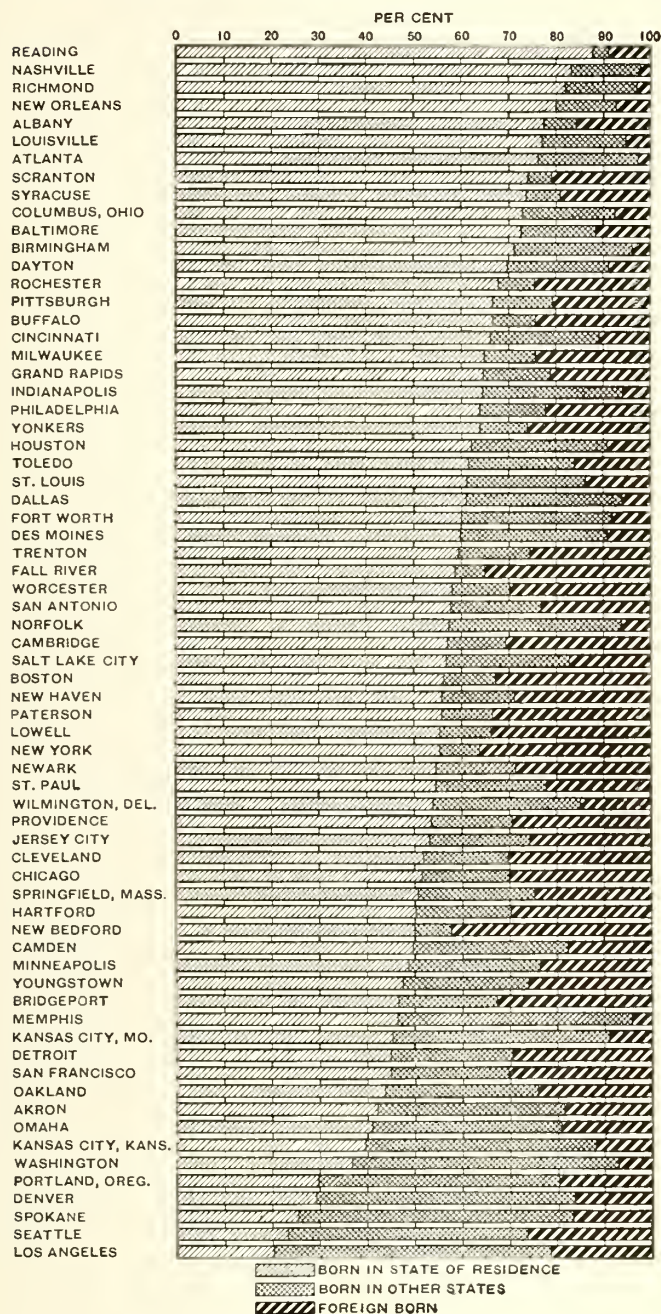


2. DISTRIBUTION OF TOTAL POPULATION OF EACH STATE AS BORN IN STATE OF RESIDENCE, IN OTHER STATES, OR FOREIGN BORN: 1910.

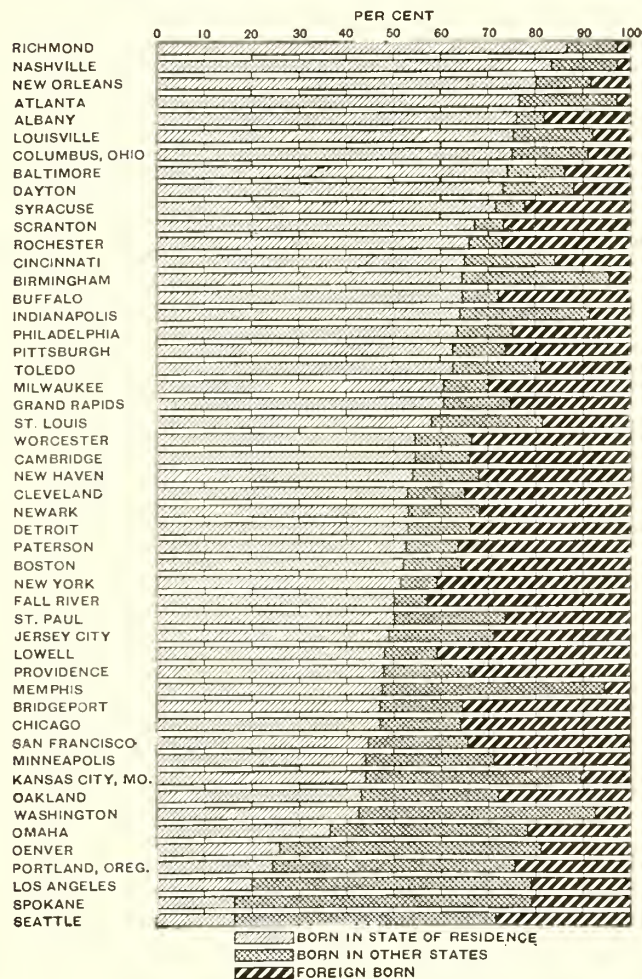




1. PER CENT OF TOTAL POPULATION BORN IN STATE OF RESIDENCE, BORN IN OTHER STATES, OR FOREIGN BORN, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1920.

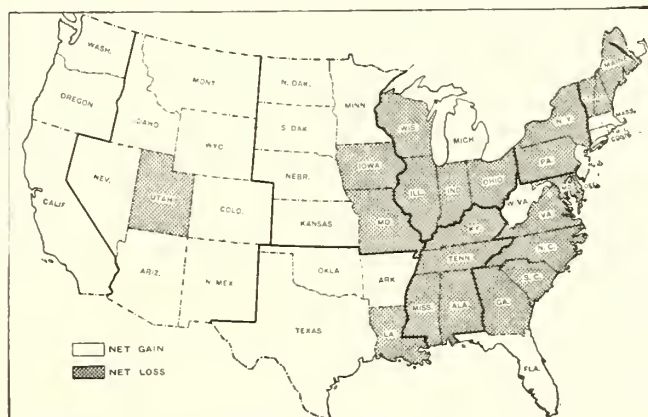


2. PER CENT OF TOTAL POPULATION BORN IN STATE OF RESIDENCE, BORN IN OTHER STATES, OR FOREIGN BORN, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1910.



3. STATES HAVING GAINED OR LOST THROUGH INTERSTATE MIGRATION: 1920.

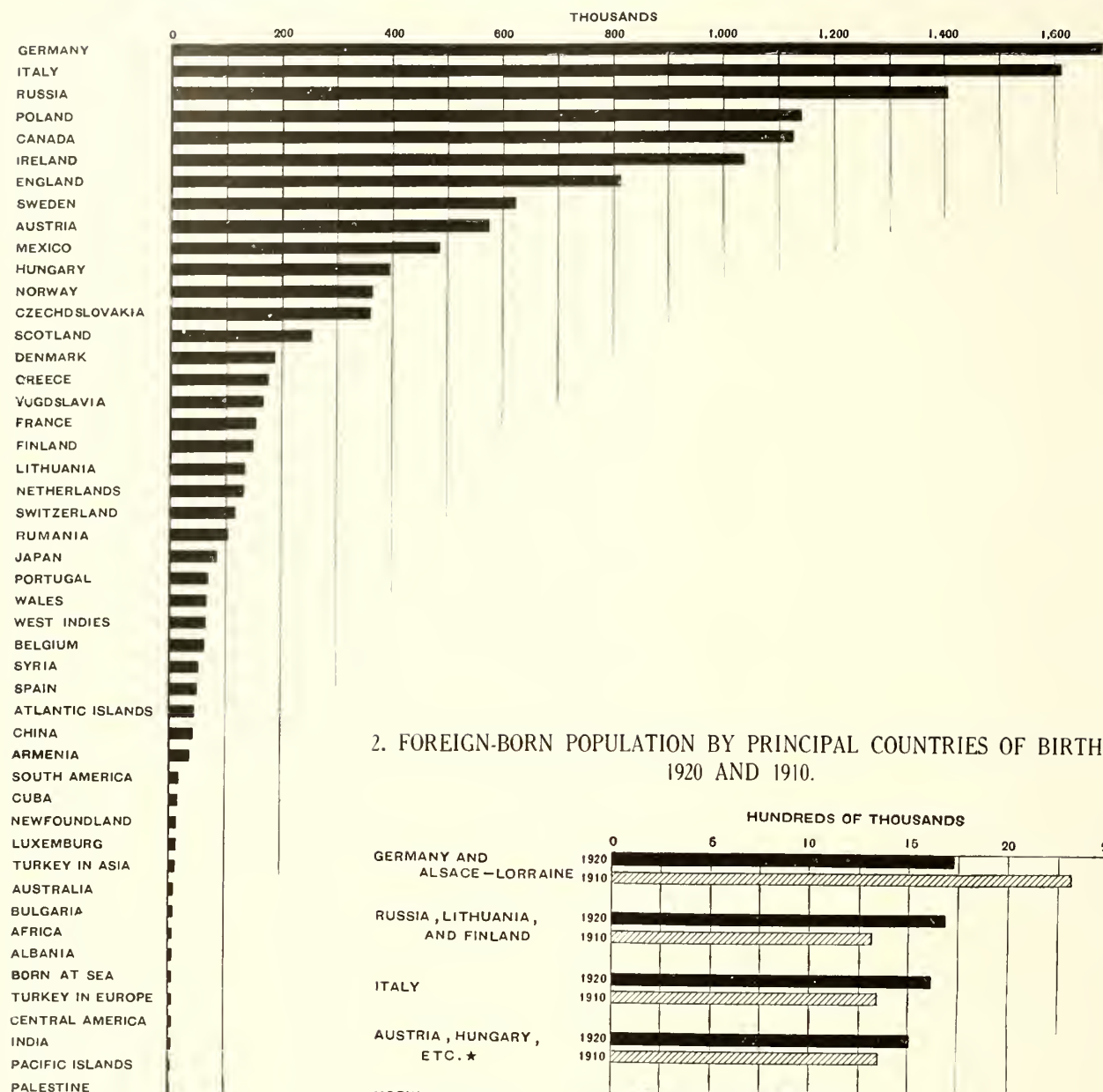
[District of Columbia, with net gain, not shown separately on the map.]



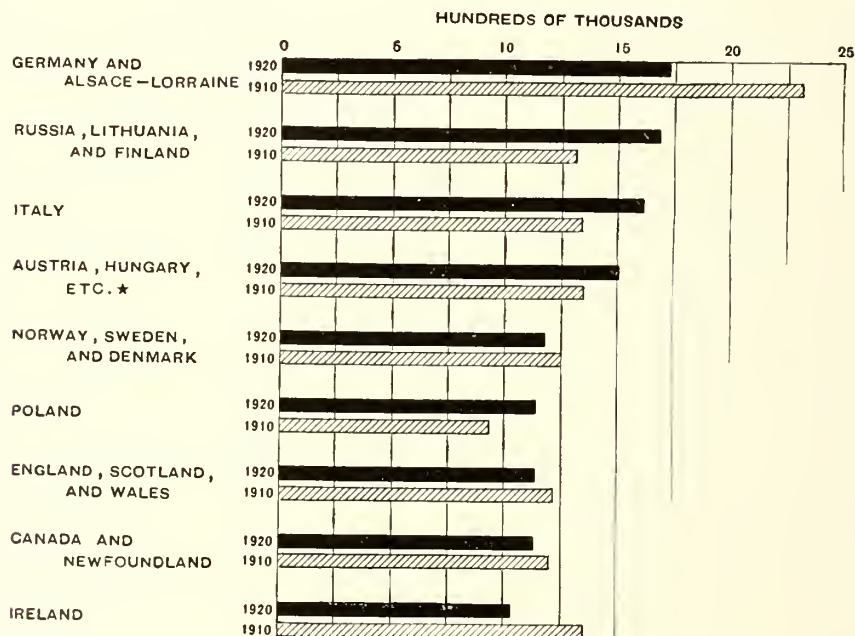
The heavy lines (—) show geographic divisions.



## 1. FOREIGN-BORN POPULATION OF THE UNITED STATES, BY COUNTRY OF BIRTH: 1920.

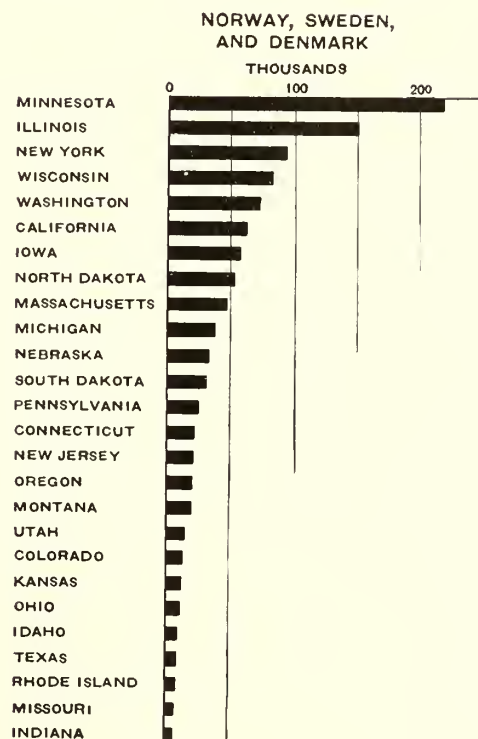
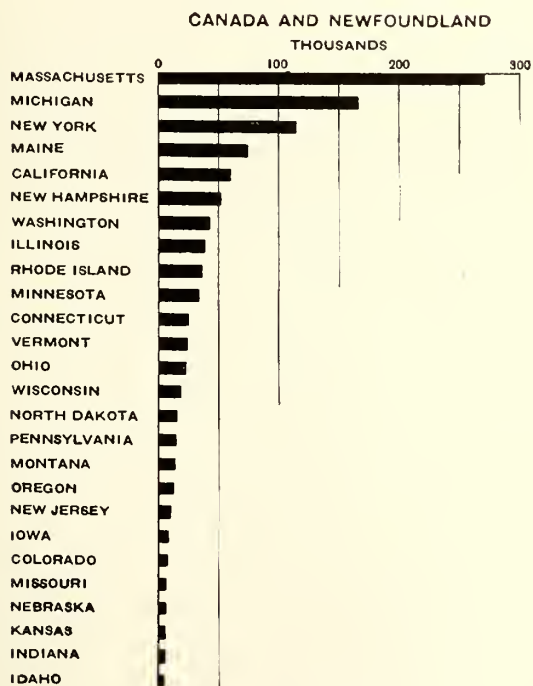
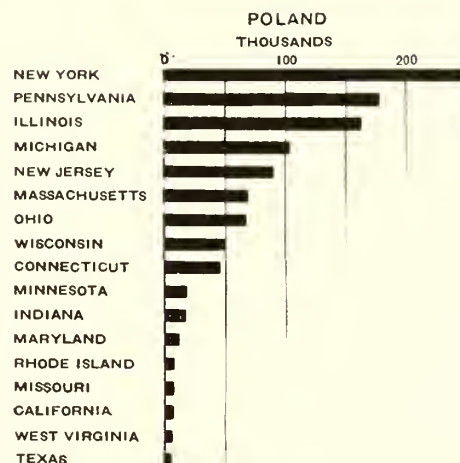
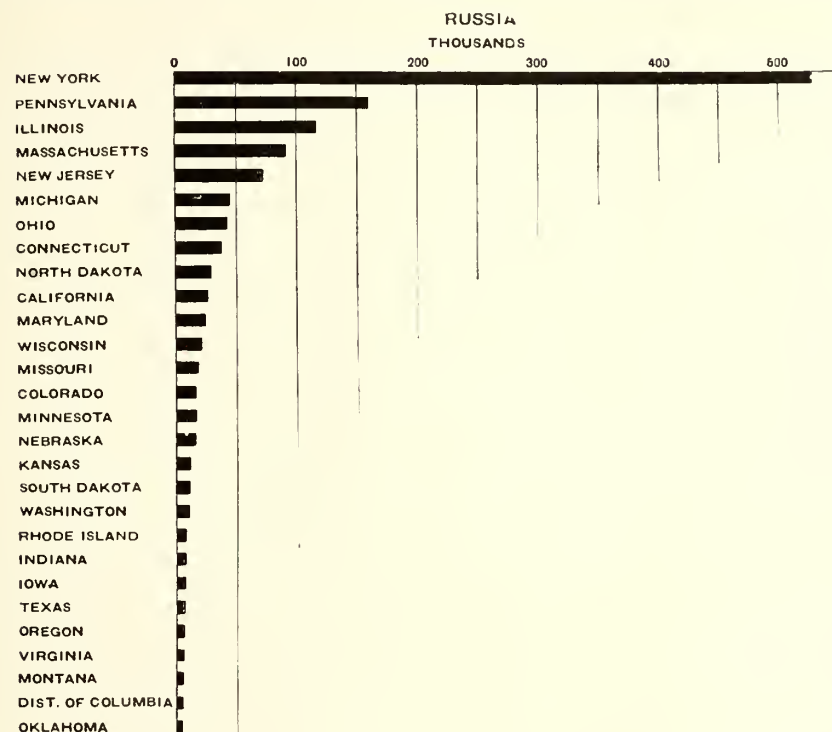


## 2. FOREIGN-BORN POPULATION BY PRINCIPAL COUNTRIES OF BIRTH: 1920 AND 1910.



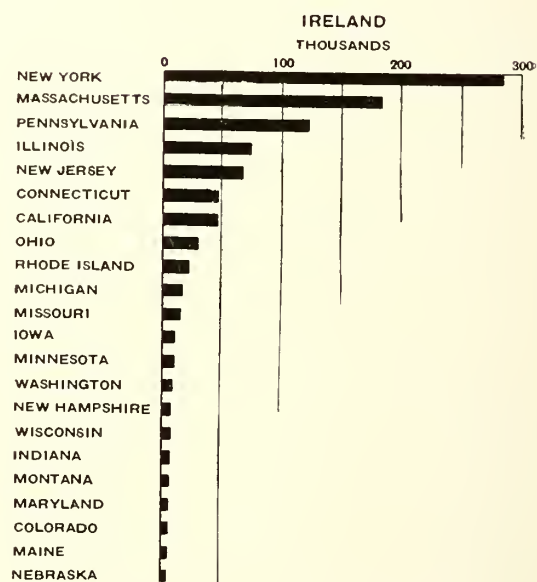
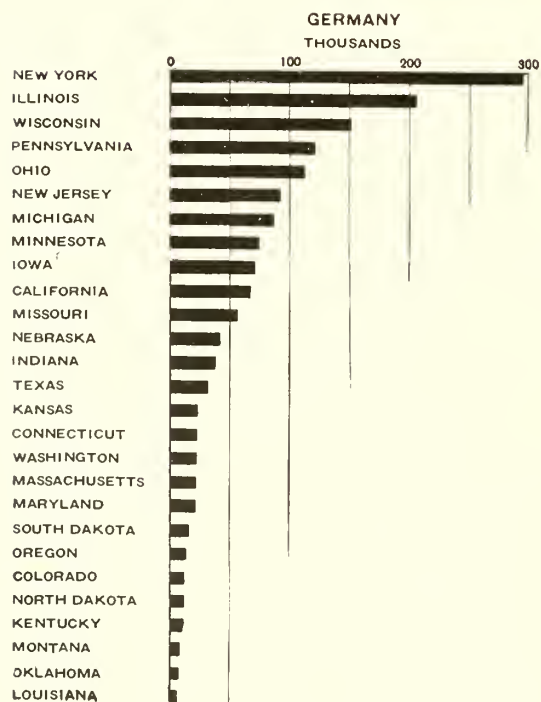
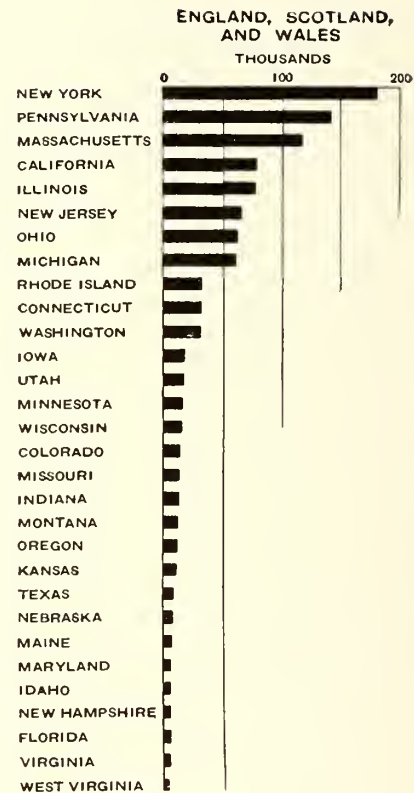
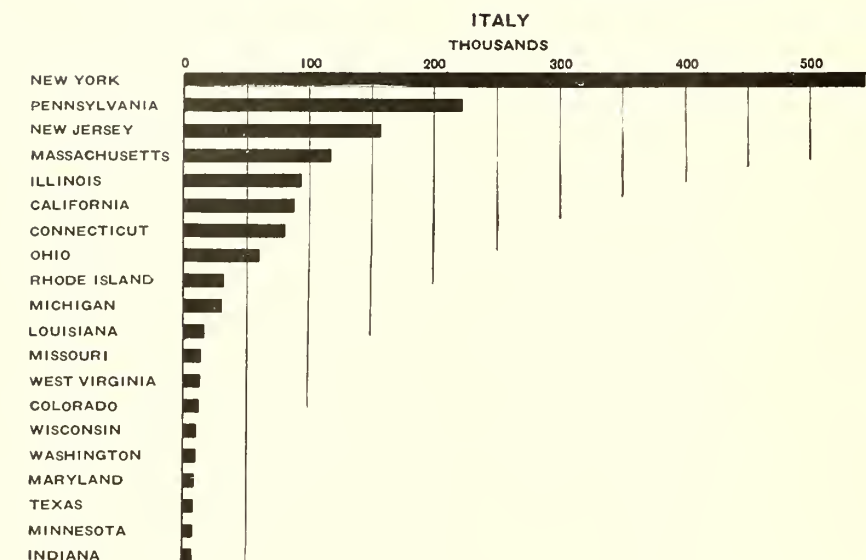
\* Includes, for 1920, Czechoslovakia and Yugoslavia, and, for 1910, Serbia and Montenegro.

## DISTRIBUTION OF NATIVES OF PRINCIPAL FOREIGN COUNTRIES AND GROUPS OF COUNTRIES, BY STATES: 1920.

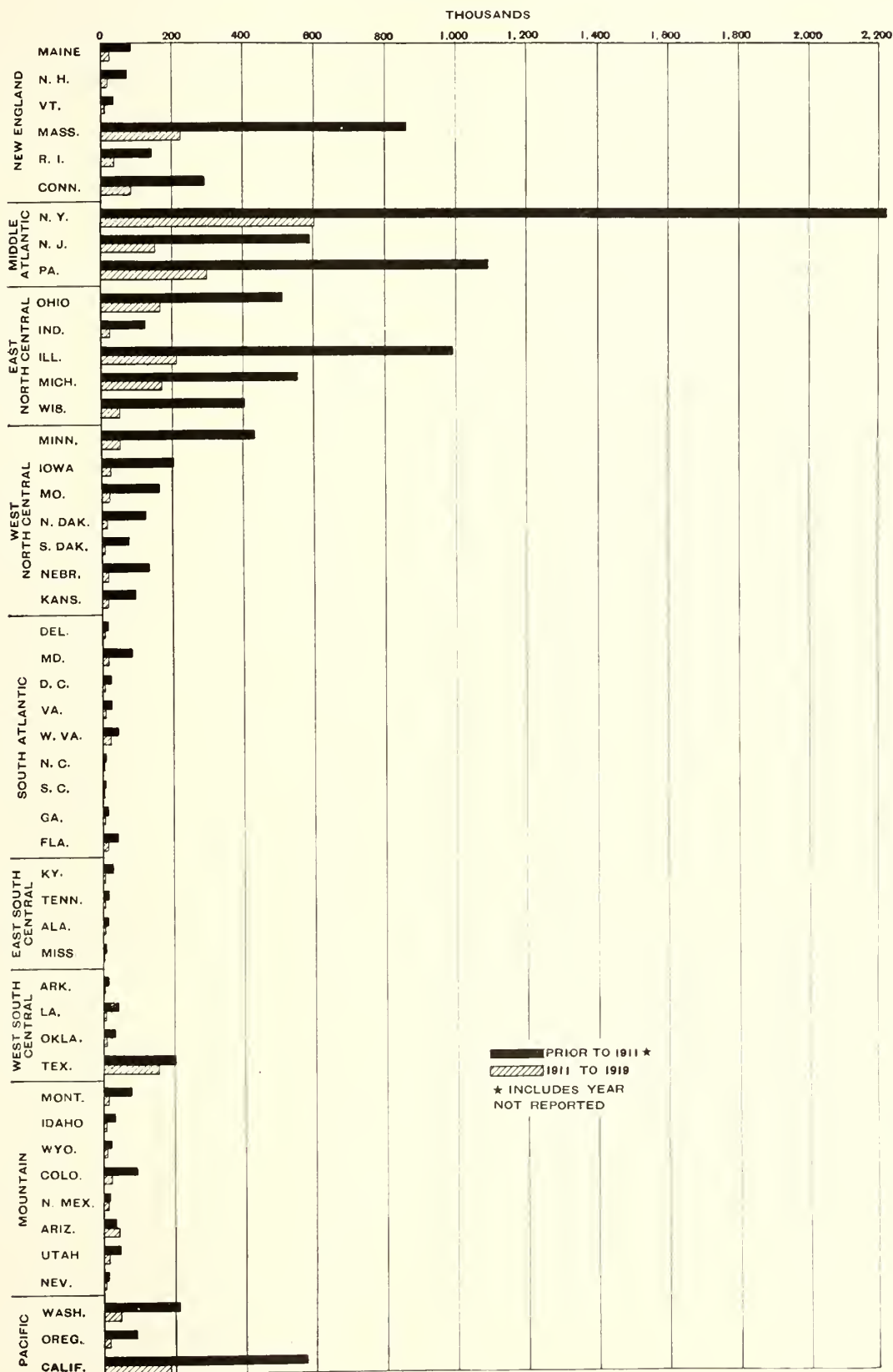




# DISTRIBUTION OF NATIVES OF PRINCIPAL FOREIGN COUNTRIES AND GROUPS OF COUNTRIES, BY STATES: 1920.

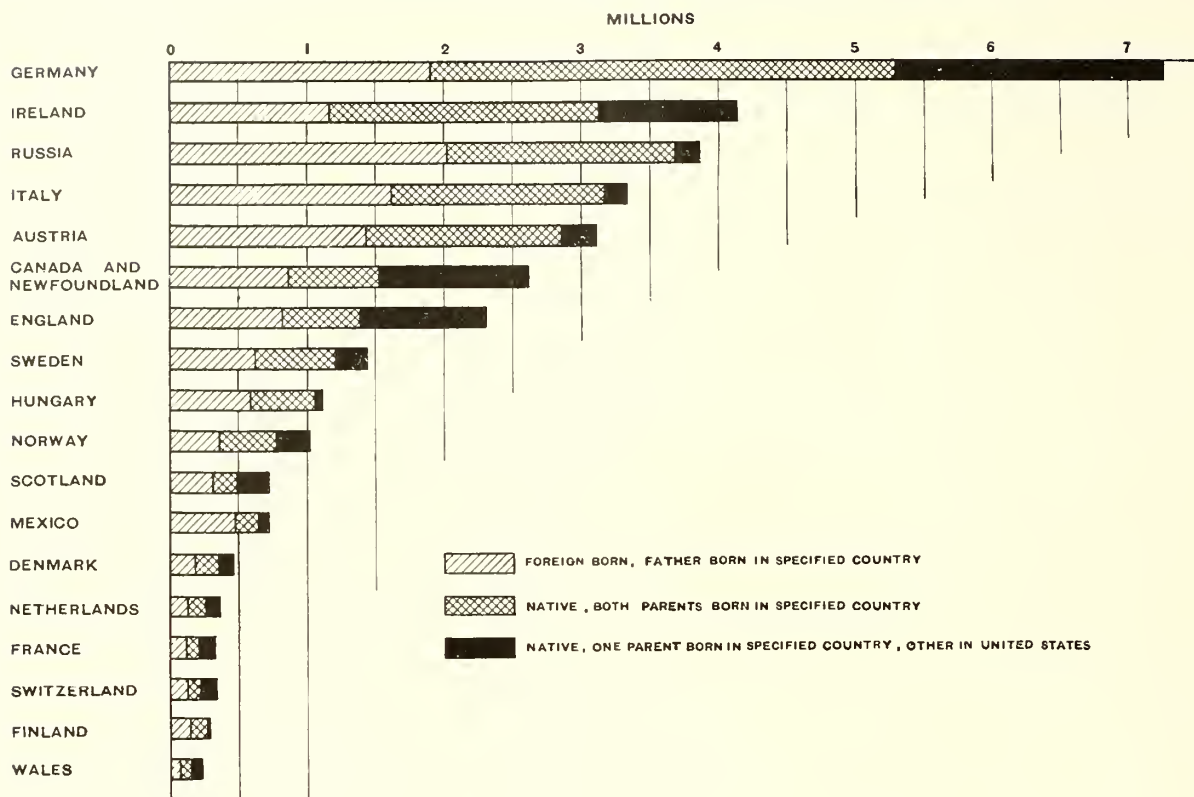


# FOREIGN-BORN POPULATION IN 1920, DISTRIBUTED AS ARRIVING IN THE UNITED STATES BEFORE OR AFTER 1911.

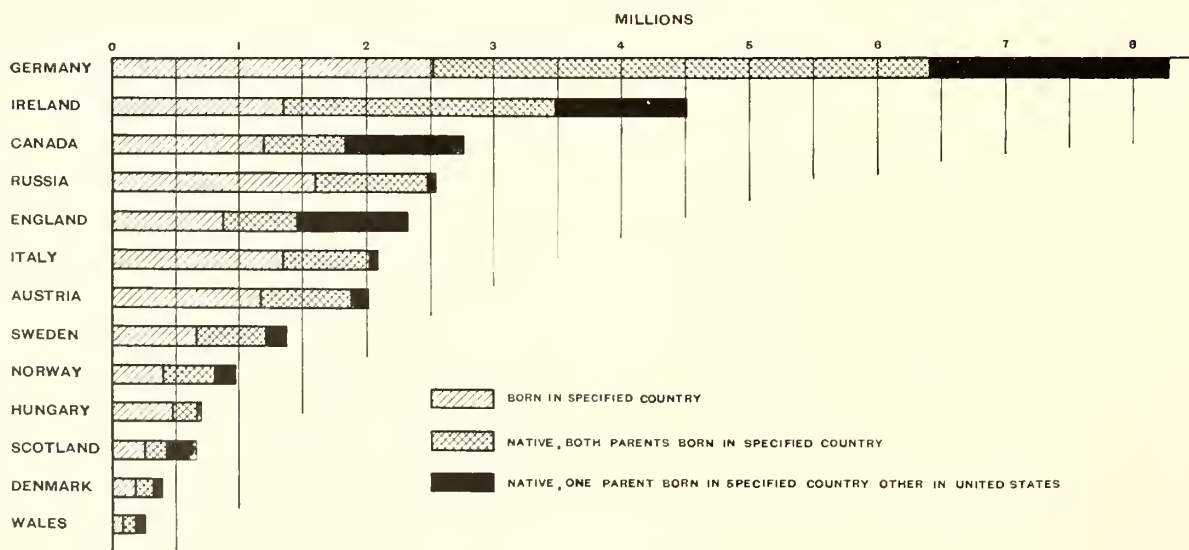




1. FOREIGN WHITE STOCK BY PRINCIPAL COUNTRIES OF ORIGIN: 1920.

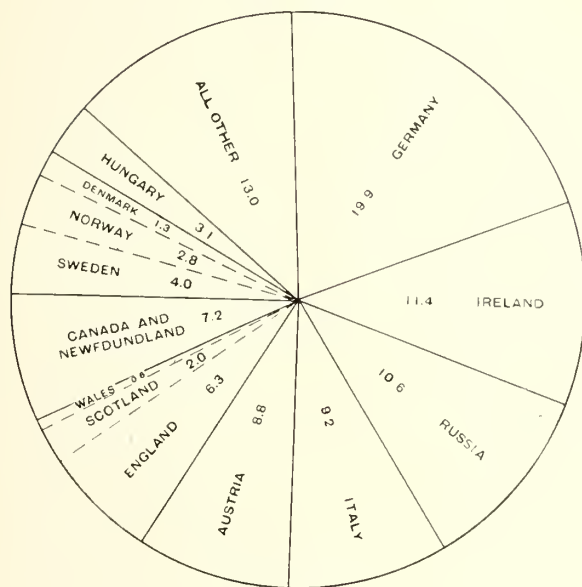


2. FOREIGN WHITE STOCK BY PRINCIPAL COUNTRIES OF ORIGIN: 1910.

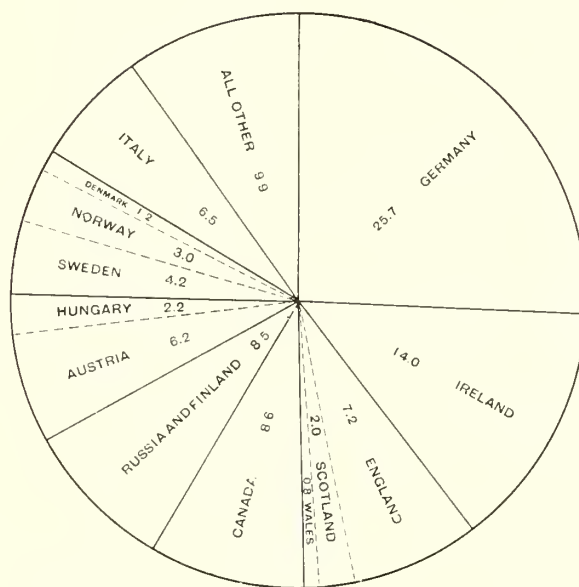


PER CENT DISTRIBUTION OF THE FOREIGN WHITE STOCK BY PRINCIPAL COUNTRIES OF ORIGIN:  
1920, 1910, AND 1900.

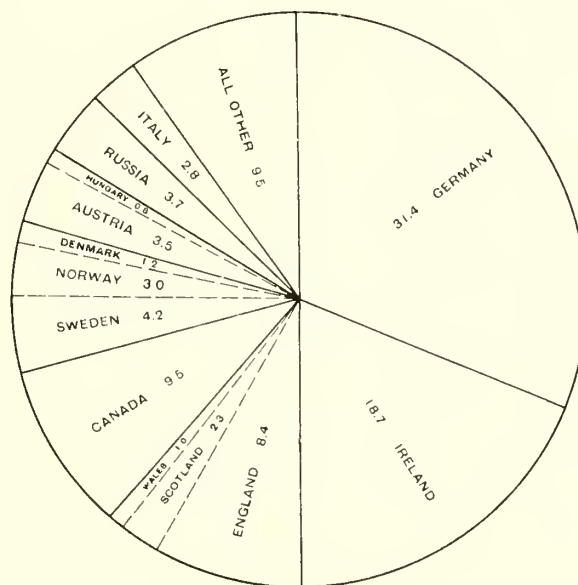
1920



1910

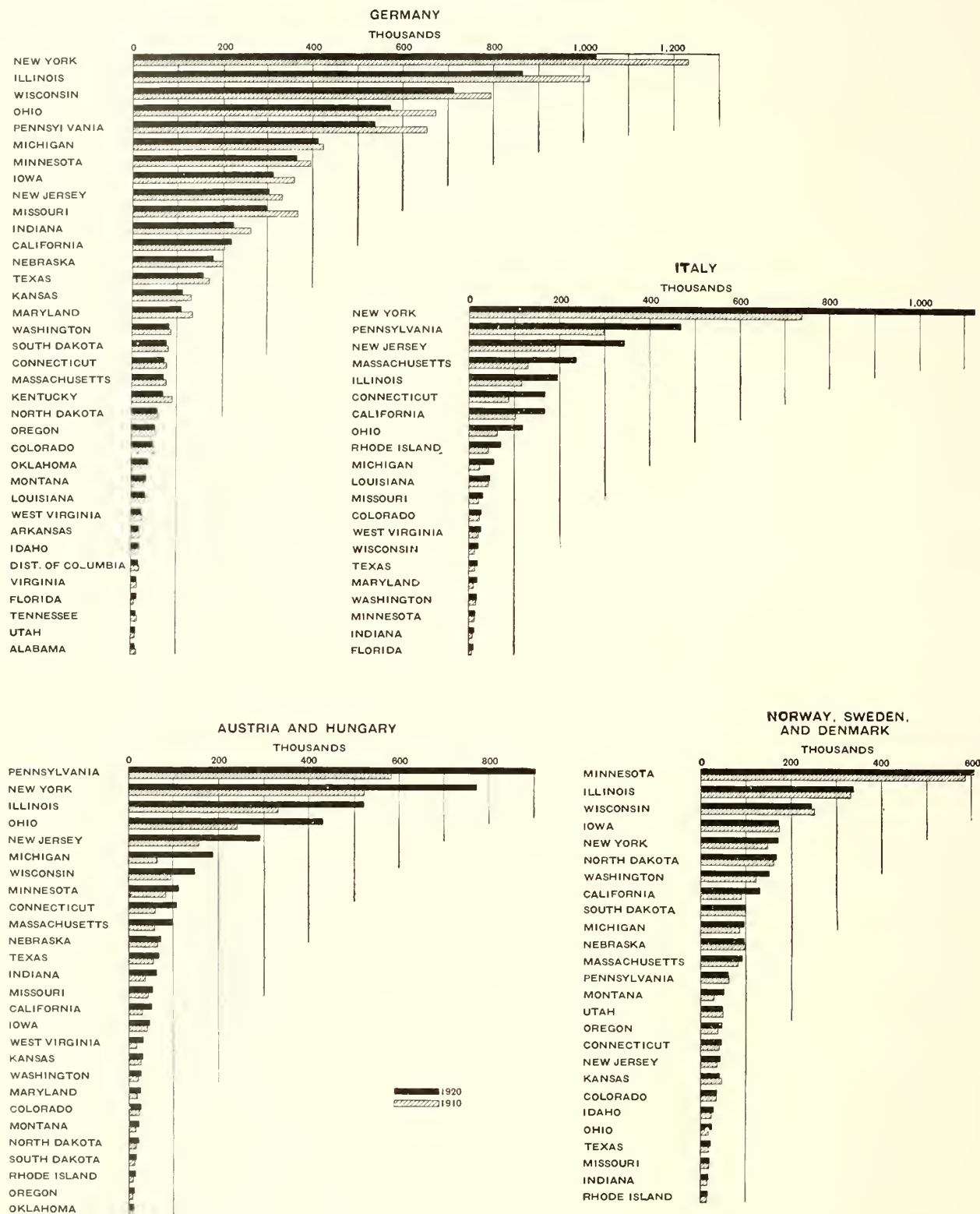


1900

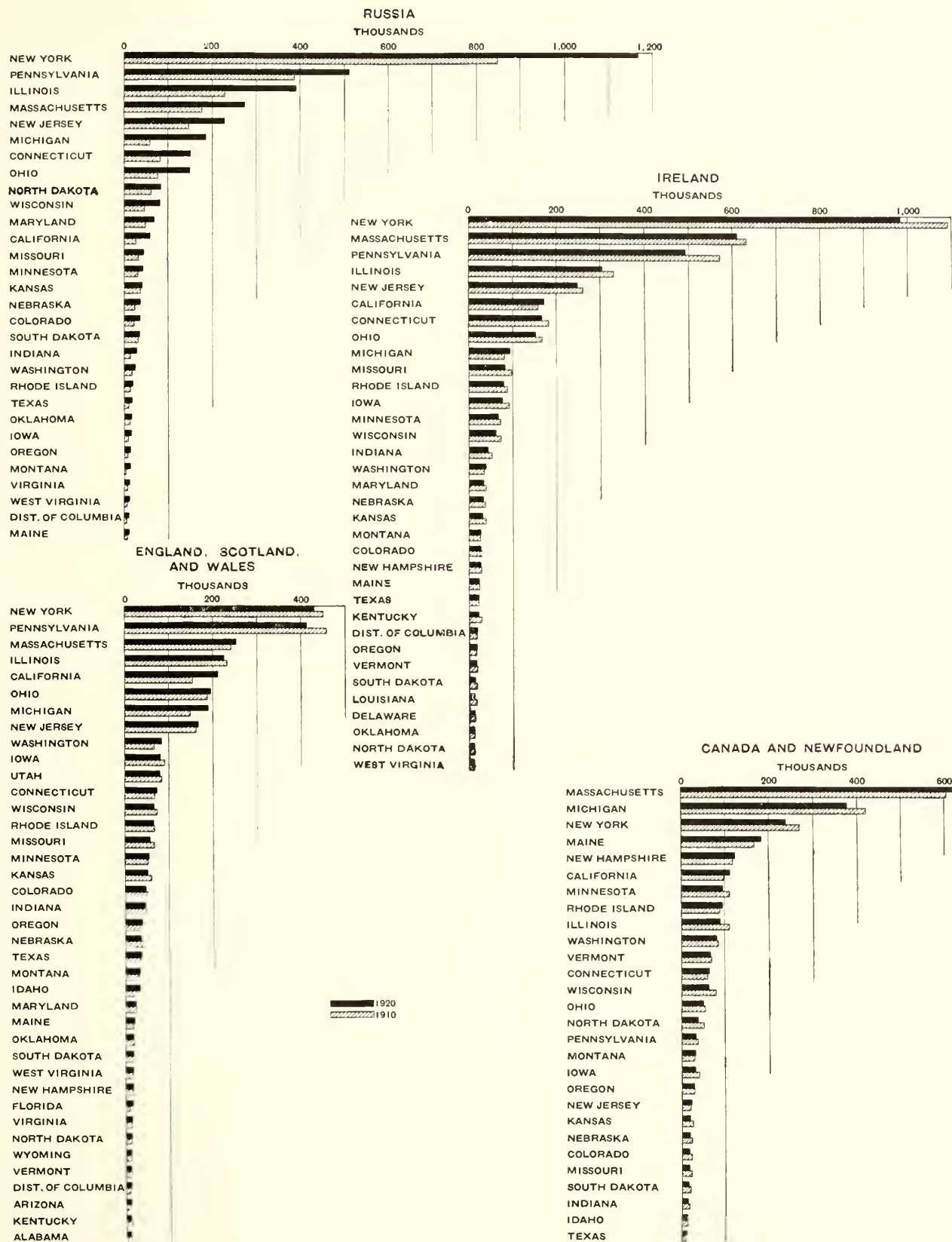




DISTRIBUTION OF THE FOREIGN WHITE STOCK ORIGINATING IN SELECTED COUNTRIES AND GROUPS OF COUNTRIES,  
BY STATES: 1920 AND 1910.

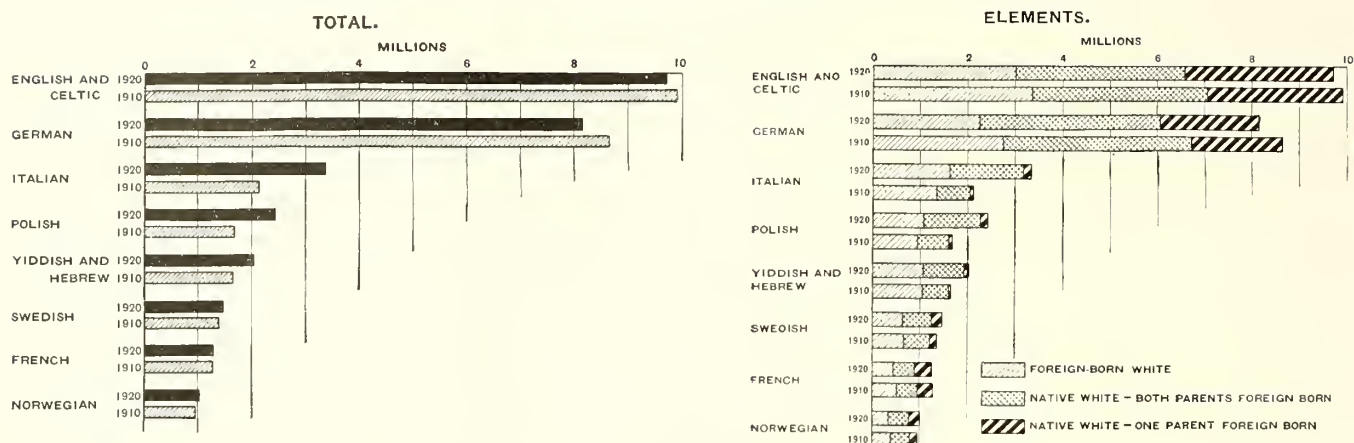


DISTRIBUTION OF THE FOREIGN WHITE STOCK ORIGINATING IN SELECTED COUNTRIES AND GROUPS OF COUNTRIES,  
BY STATES: 1920 AND 1910.

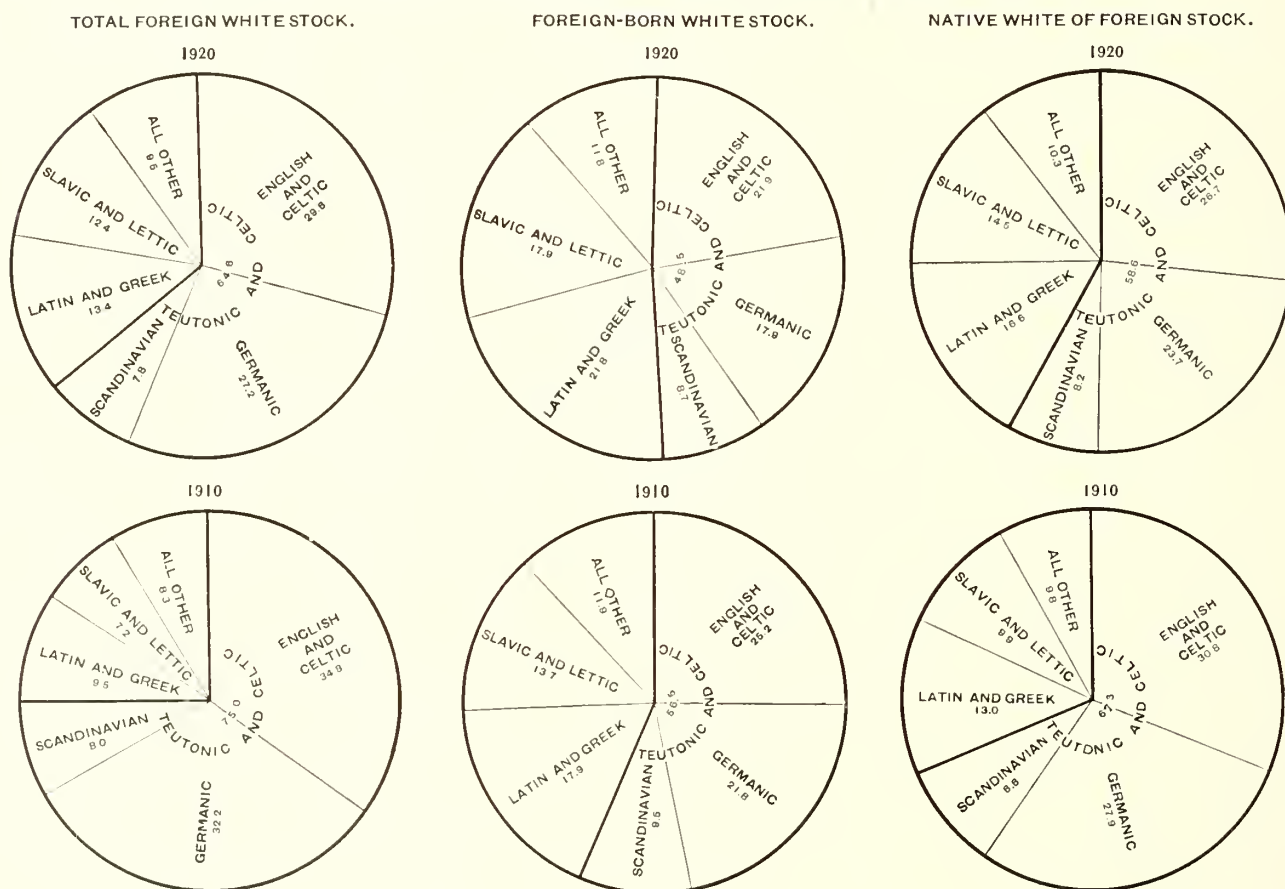




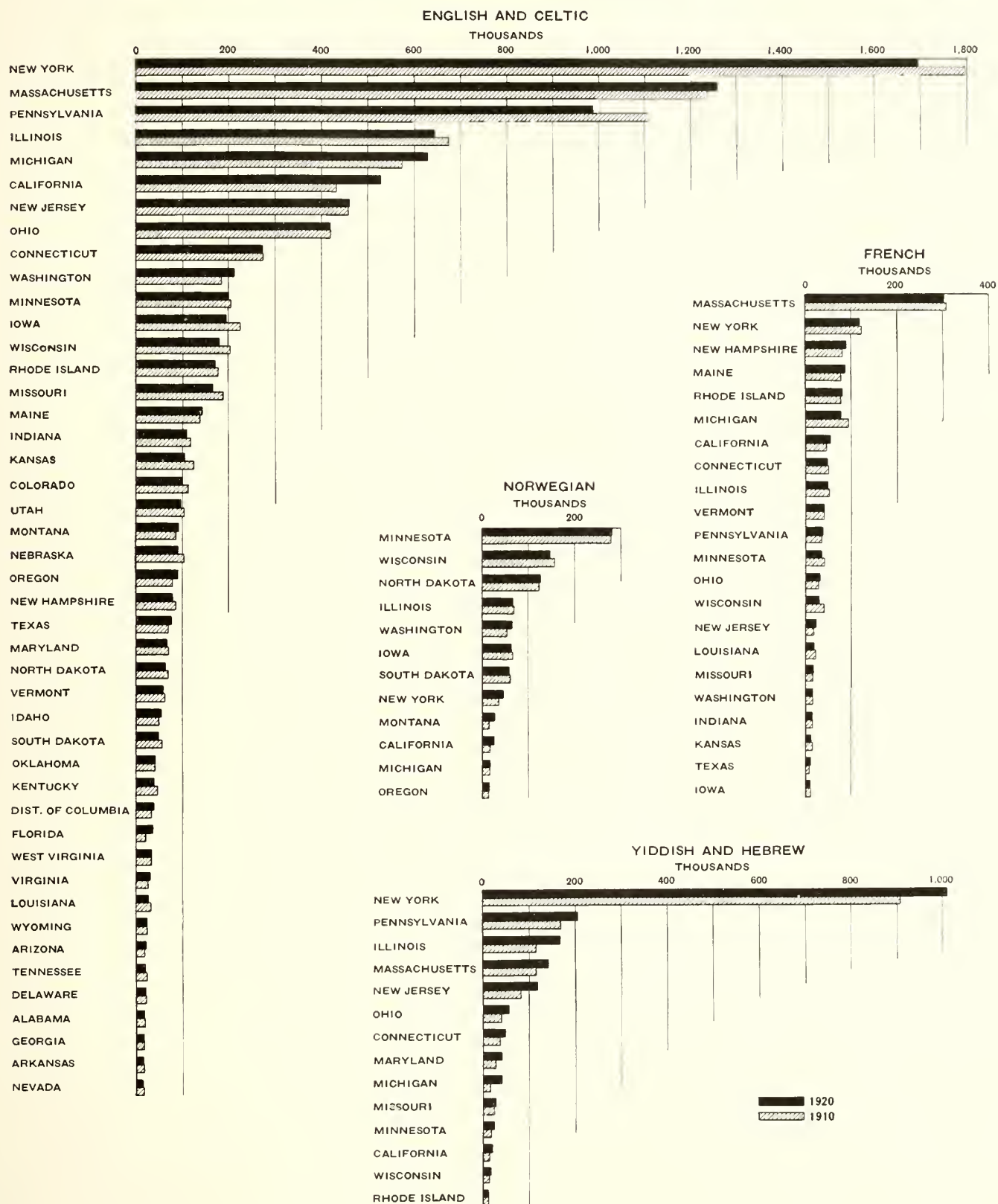
# 1. FOREIGN WHITE STOCK, BY PRINCIPAL MOTHER TONGUES: 1920 AND 1910.



## 2. ELEMENTS OF FOREIGN WHITE STOCK, BY LINGUISTIC GROUPS: 1920 AND 1910.

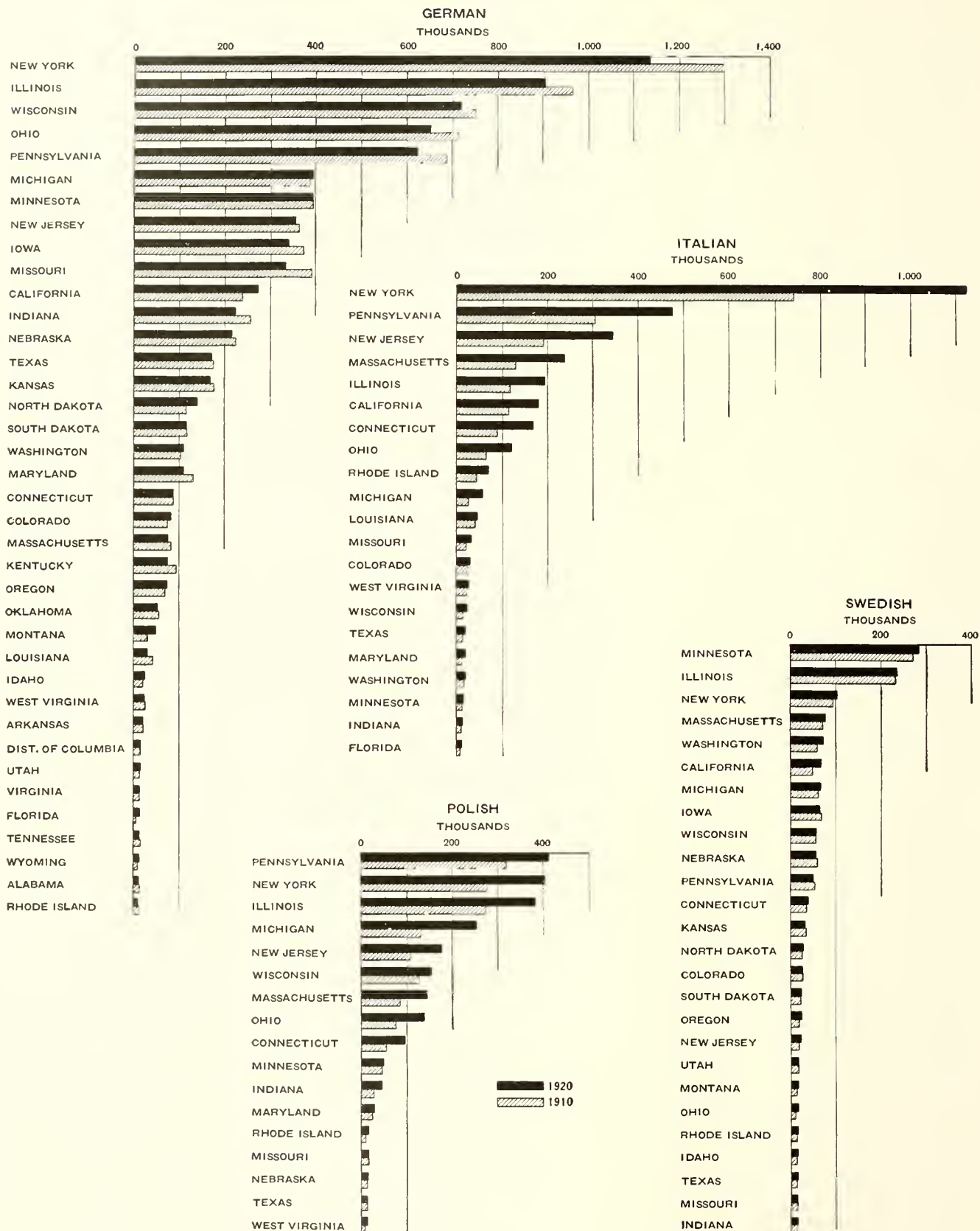


# DISTRIBUTION OF FOREIGN WHITE STOCK HAVING SPECIFIED MOTHER TONGUES, FOR SELECTED STATES: 1920 AND 1910.

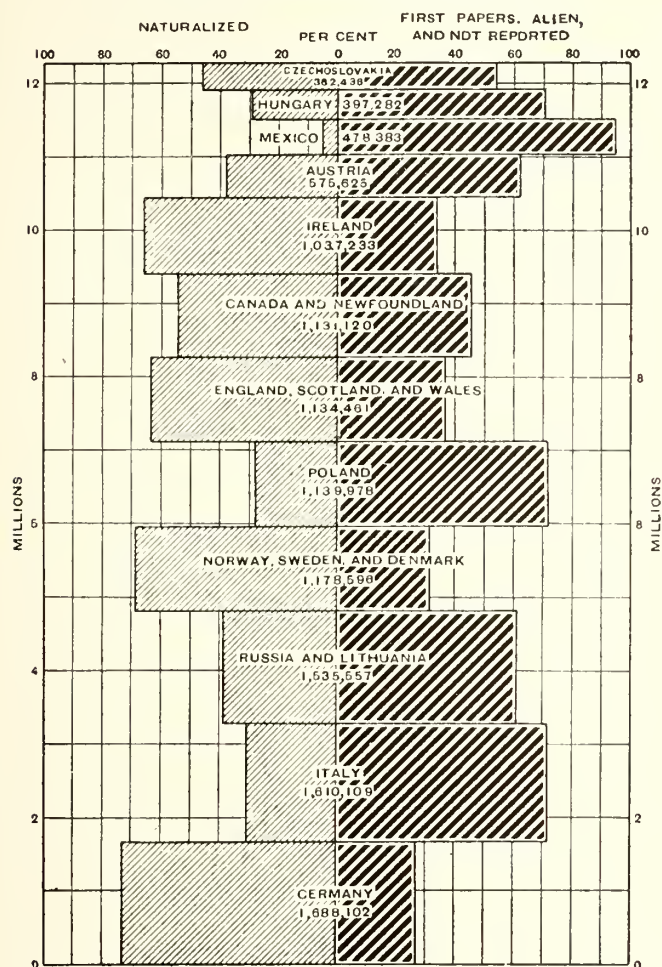




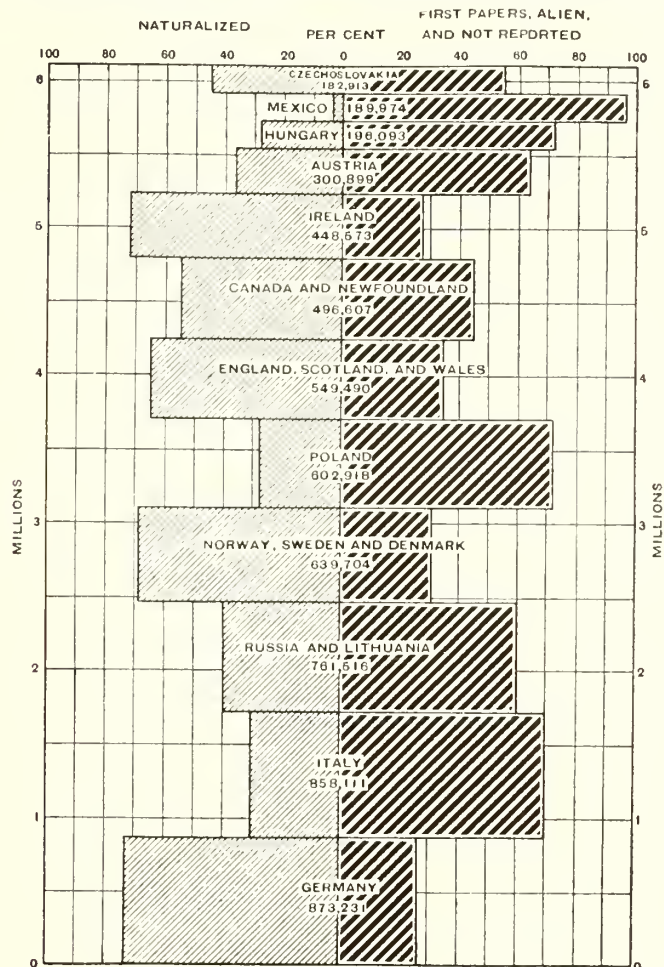
# DISTRIBUTION OF FOREIGN WHITE STOCK HAVING SPECIFIED MOTHER TONGUES, FOR SELECTED STATES: 1920 AND 1910.



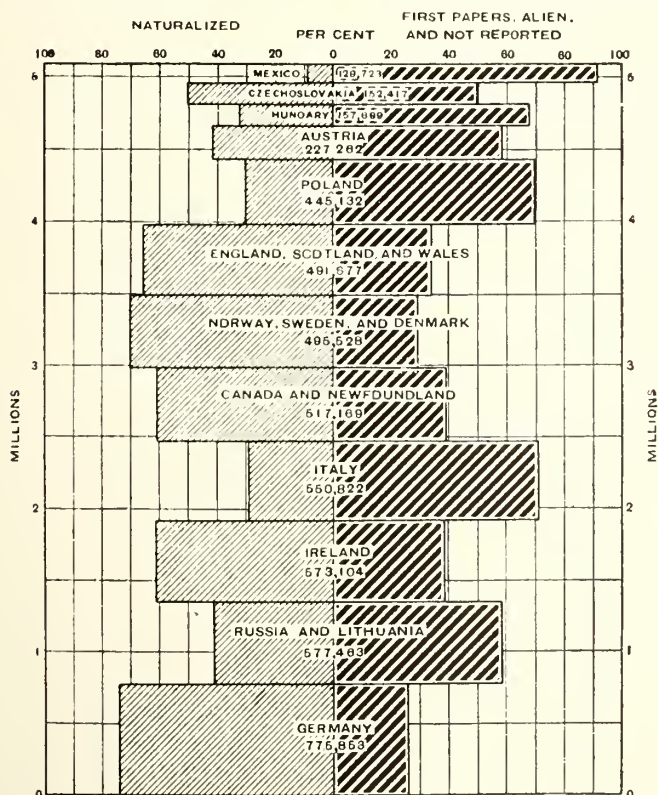
1. CITIZENSHIP OF FOREIGN WHITE PERSONS BORN IN SPECIFIED COUNTRIES OR GROUPS OF COUNTRIES: 1920.



2. CITIZENSHIP OF FOREIGN WHITE MEN 21 YEARS OF AGE AND OVER BORN IN SPECIFIED COUNTRIES OR GROUPS OF COUNTRIES: 1920.



3. CITIZENSHIP OF FOREIGN WHITE WOMEN 21 YEARS OF AGE AND OVER BORN IN SPECIFIED COUNTRIES OR GROUPS OF COUNTRIES: 1920.

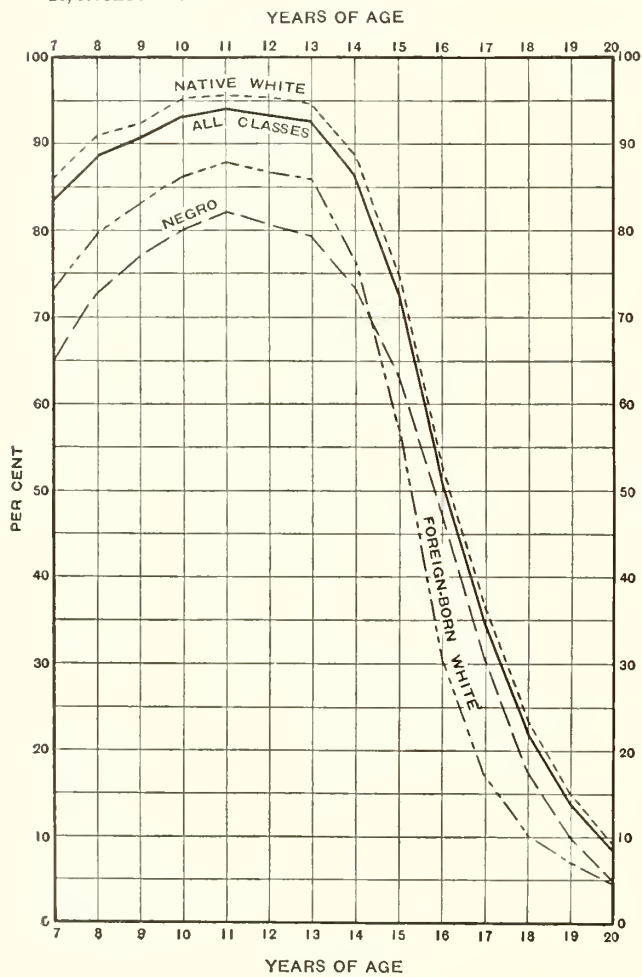


4. PER CENT NATURALIZED IN FOREIGN-BORN WHITE POPULATION, BY COUNTRY OF BIRTH: 1920.

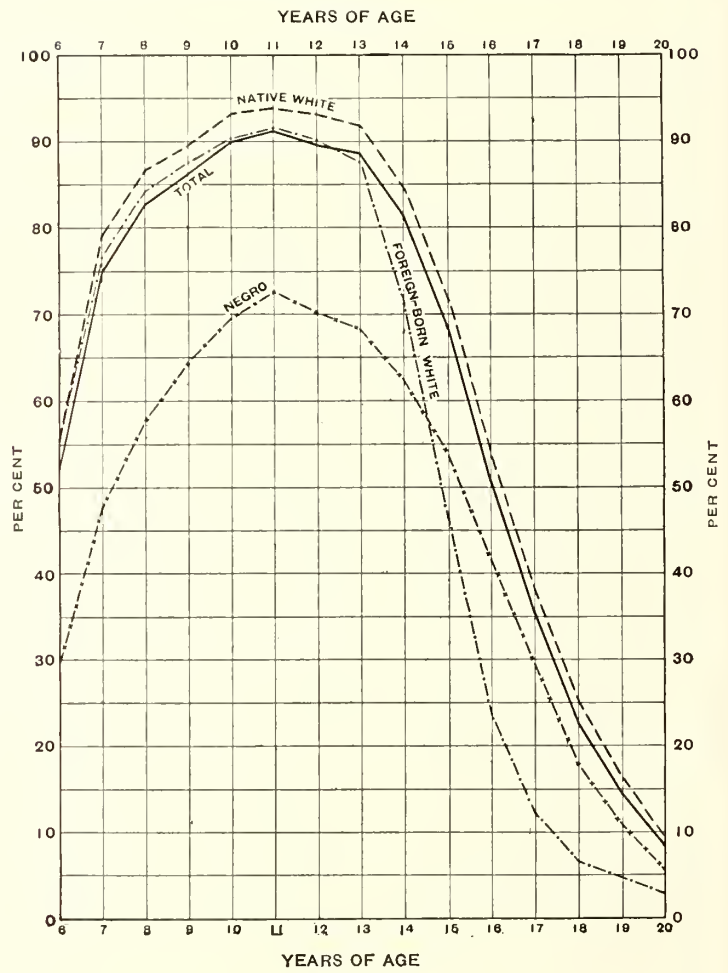




1. PER CENT ATTENDING SCHOOL IN THE TOTAL POPULATION AND IN CERTAIN CLASSES AT EACH YEAR OF AGE FROM 7 TO 20, INCLUSIVE: 1920.



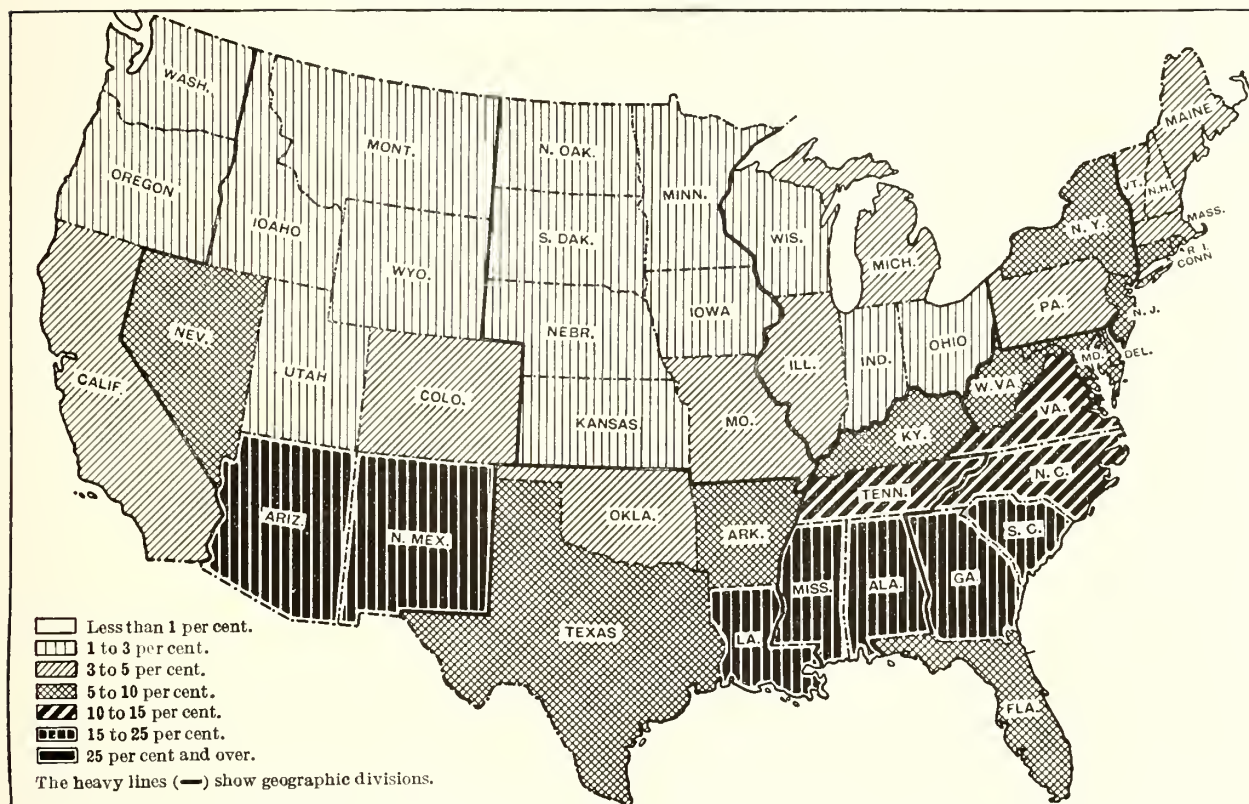
2. PER CENT ATTENDING SCHOOL IN THE TOTAL POPULATION AND IN CERTAIN CLASSES AT EACH YEAR OF AGE FROM 6 TO 20, INCLUSIVE: 1910.



## 1. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1920.

ALL CLASSES.

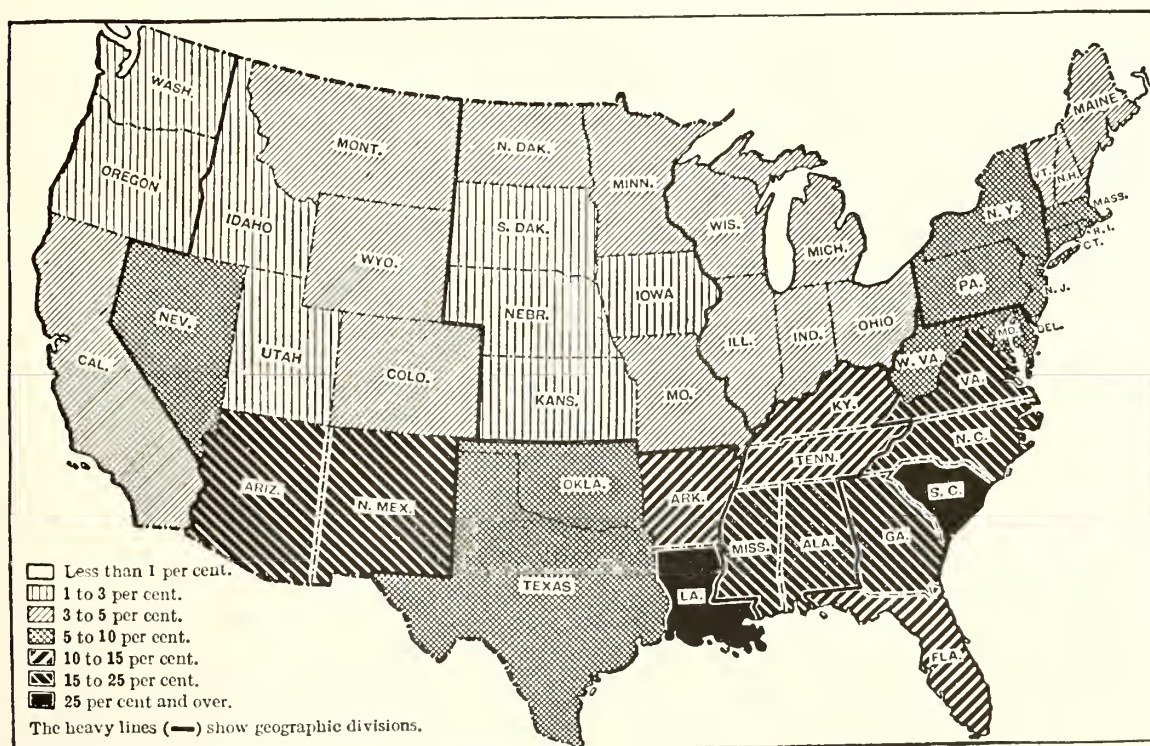
[District of Columbia, 2.8 per cent, not shown separately on the map.]



## 2. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1910.

ALL CLASSES.

[District of Columbia, 4.9 per cent, not shown separately on the map.]

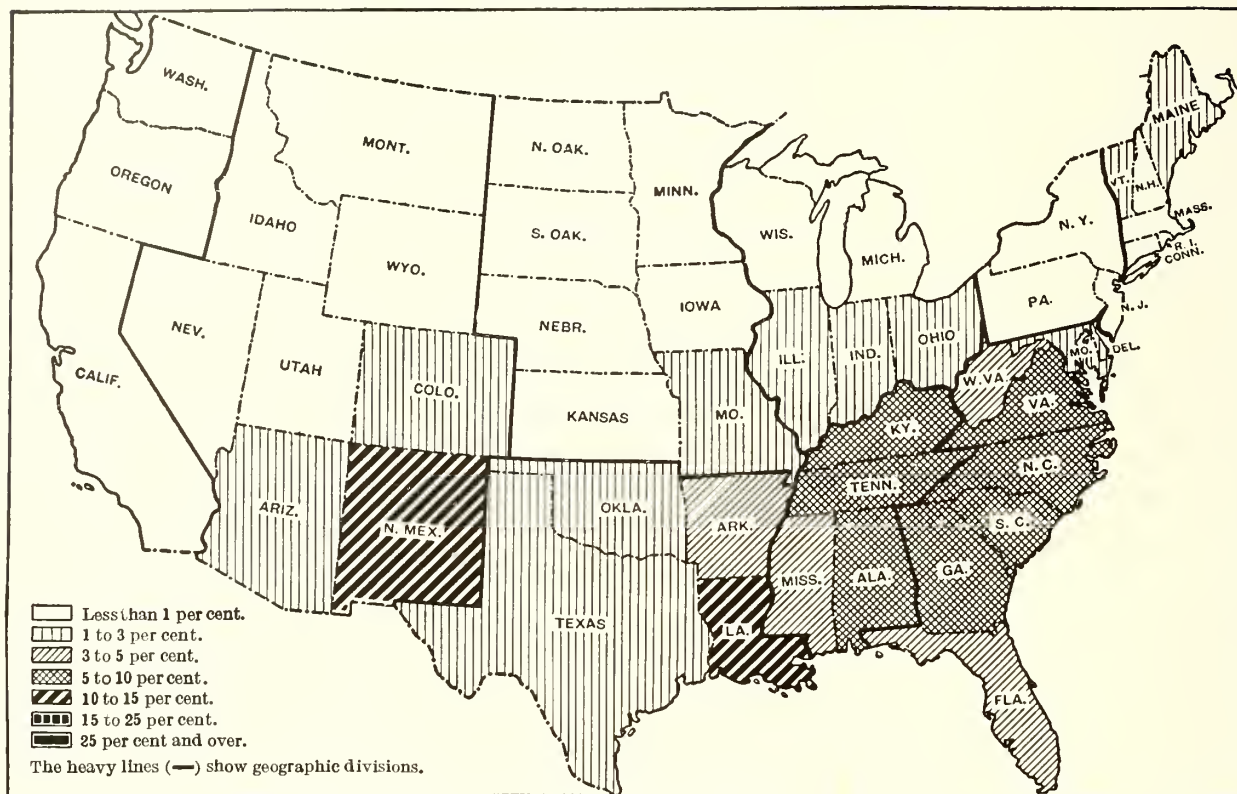




1. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1920.

NATIVE WHITE OF NATIVE PARENTS.

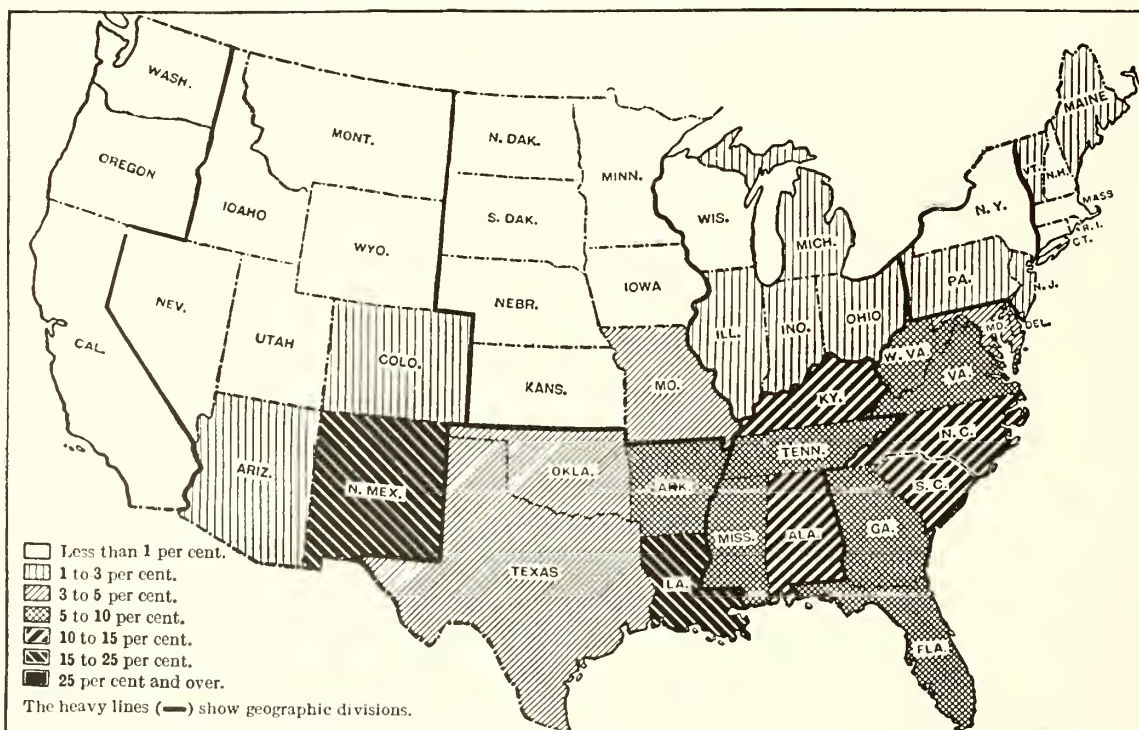
[District of Columbia, 0.3 per cent, not shown separately on the map.]



2. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1910.

NATIVE WHITE OF NATIVE PARENTS.

[District of Columbia, 0.6 per cent, not shown separately on the map.]

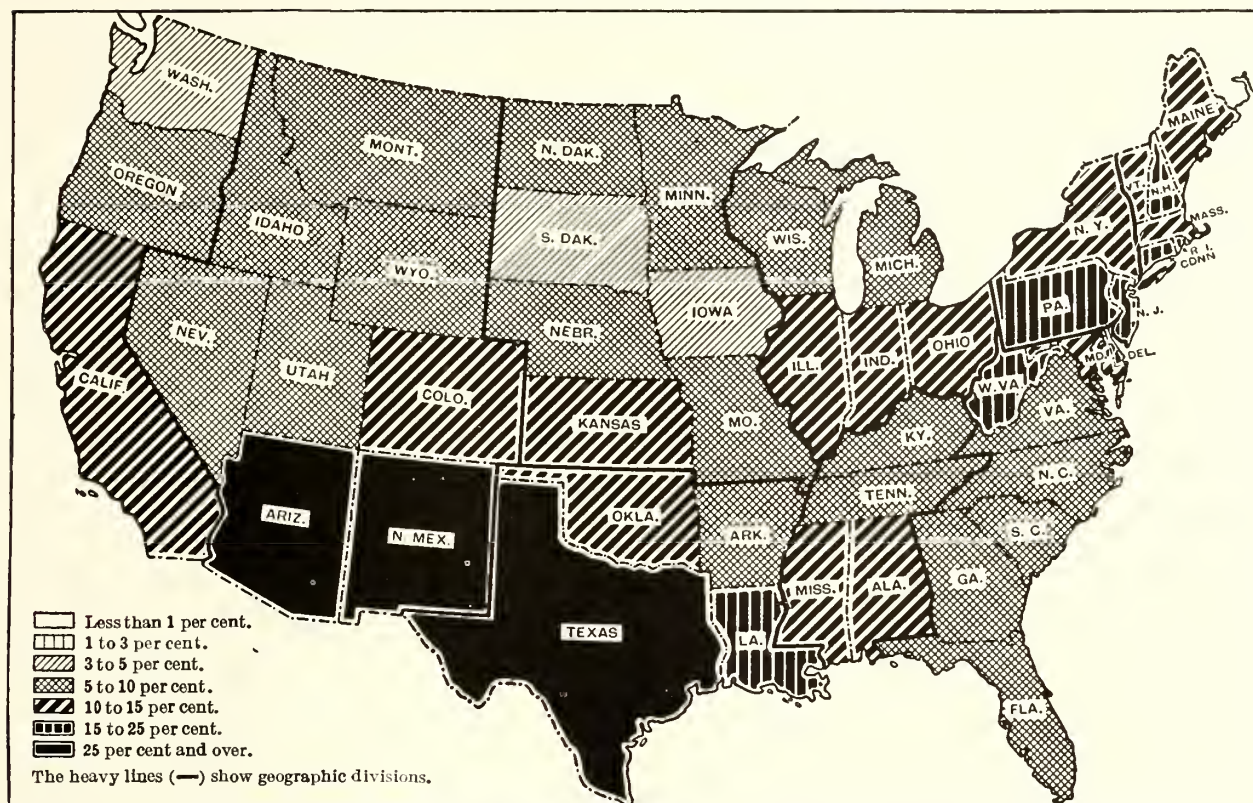




## 1. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1920.

FOREIGN-BORN WHITE.

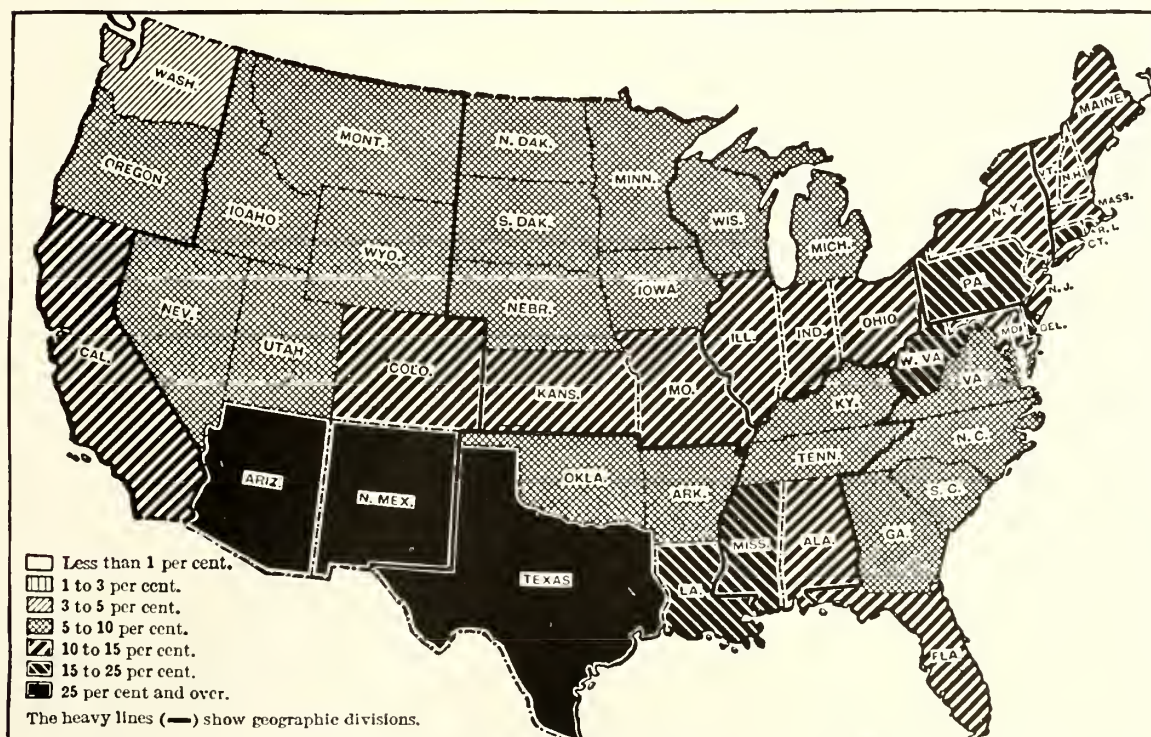
[District of Columbia, 6.1 per cent, not shown separately on the map.]



## 2. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1910.

FOREIGN-BORN WHITE.

[District of Columbia, 8.2 per cent, not shown separately on the map.]

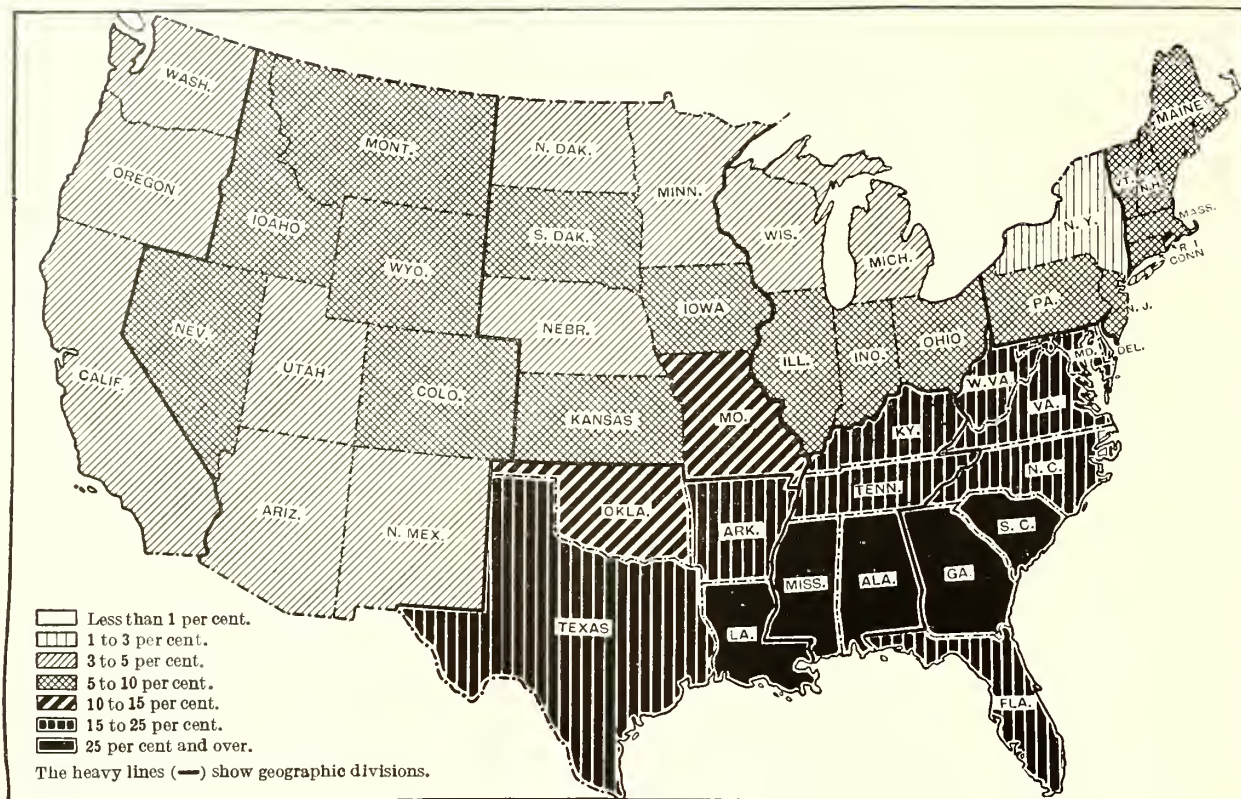




1. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1920.

NEGRO.

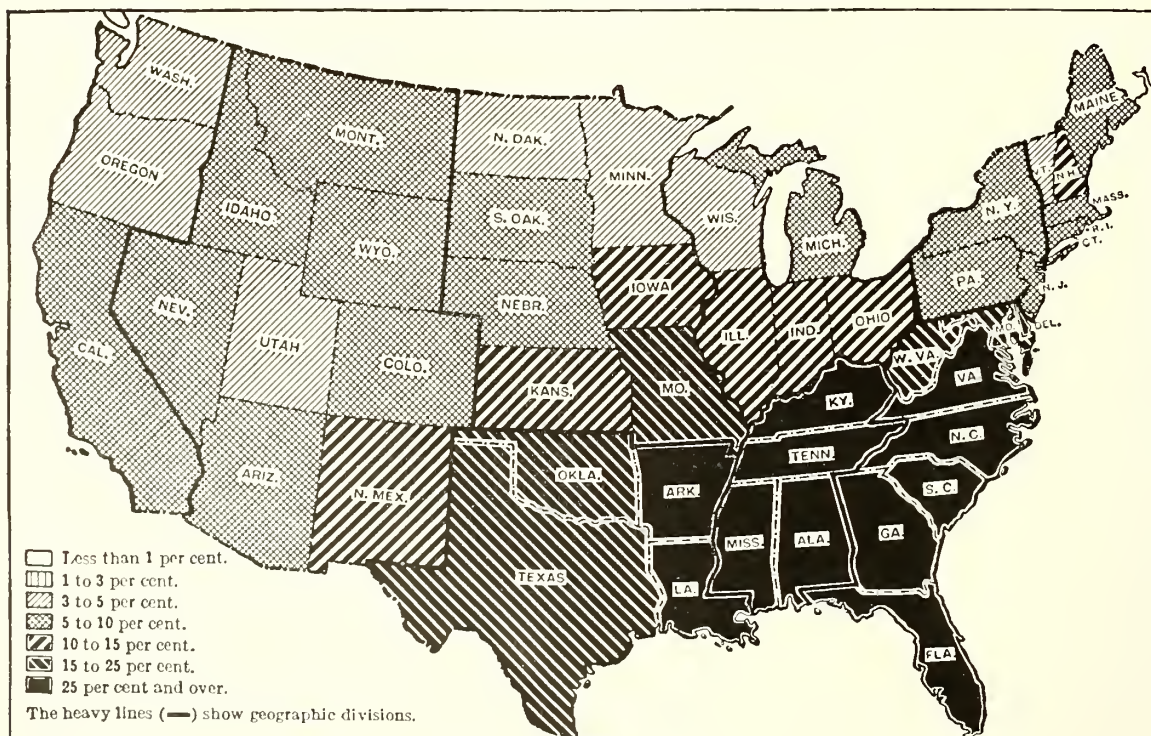
[District of Columbia, 8.6 per cent, not shown separately on the map.]



2. PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1910.

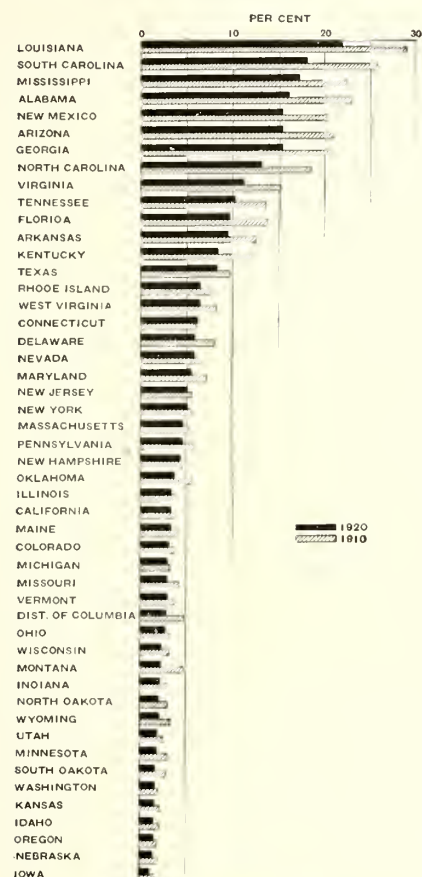
NEGRO.

[District of Columbia, 13.5 per cent, not shown separately on the map.]



## PER CENT ILLITERATE IN POPULATION 10 YEARS OF AGE AND OVER, BY STATES: 1920 AND 1910.

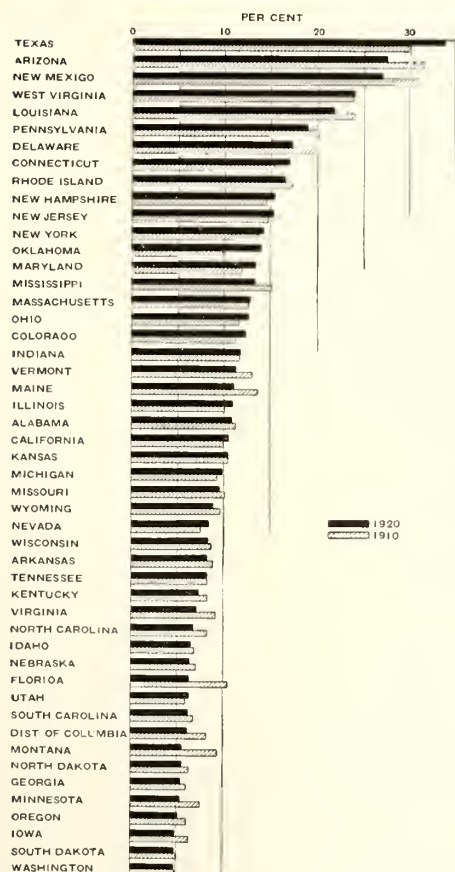
1. ALL CLASSES.



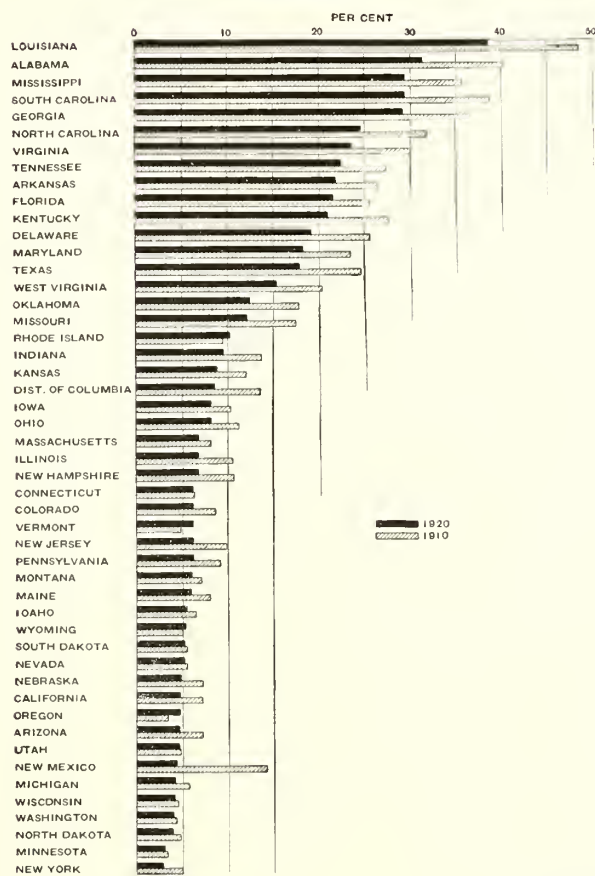
2. NATIVE WHITE—NATIVE PARENTAGE.



3. FOREIGN-BORN WHITE.

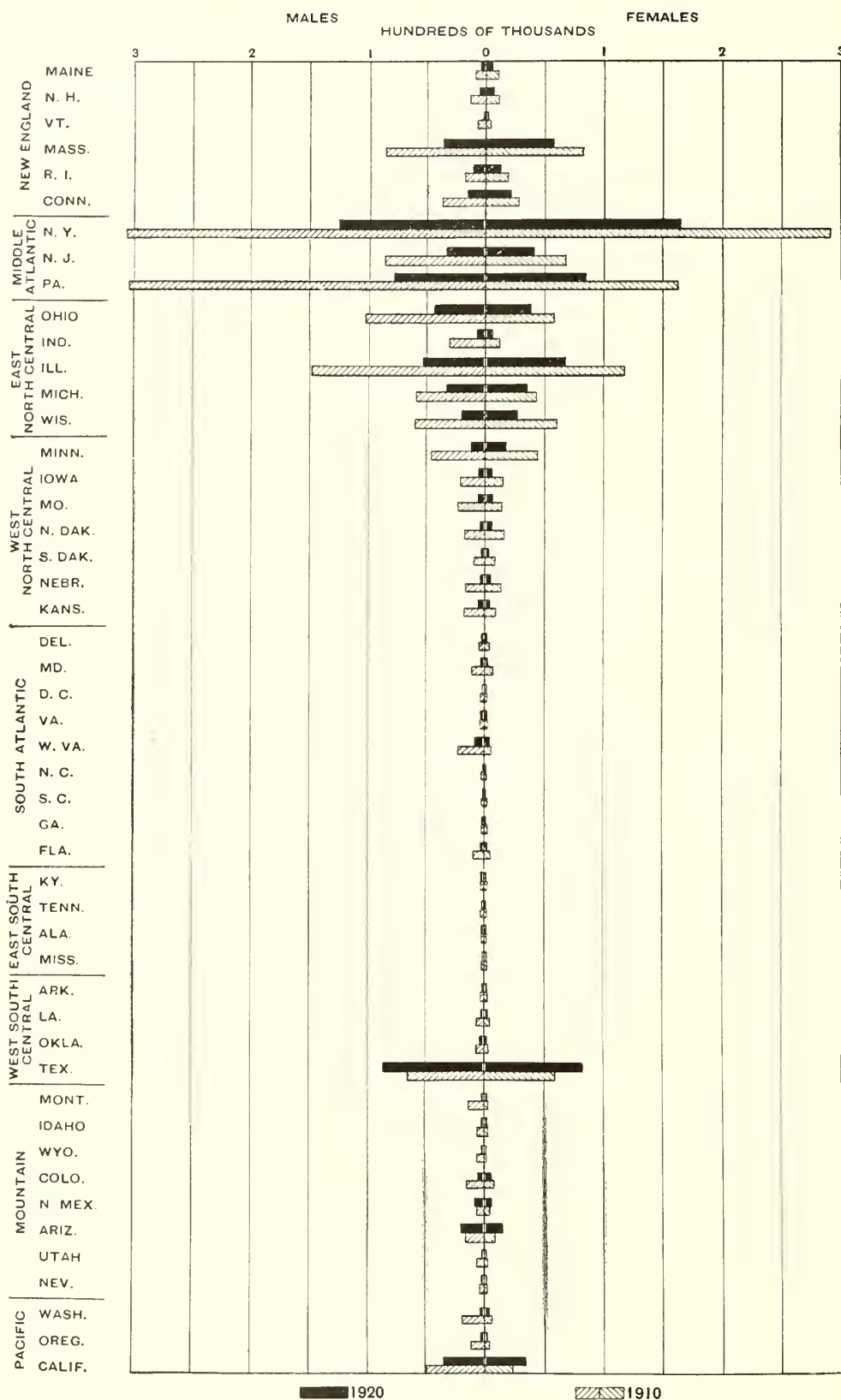


4. NEGRO.

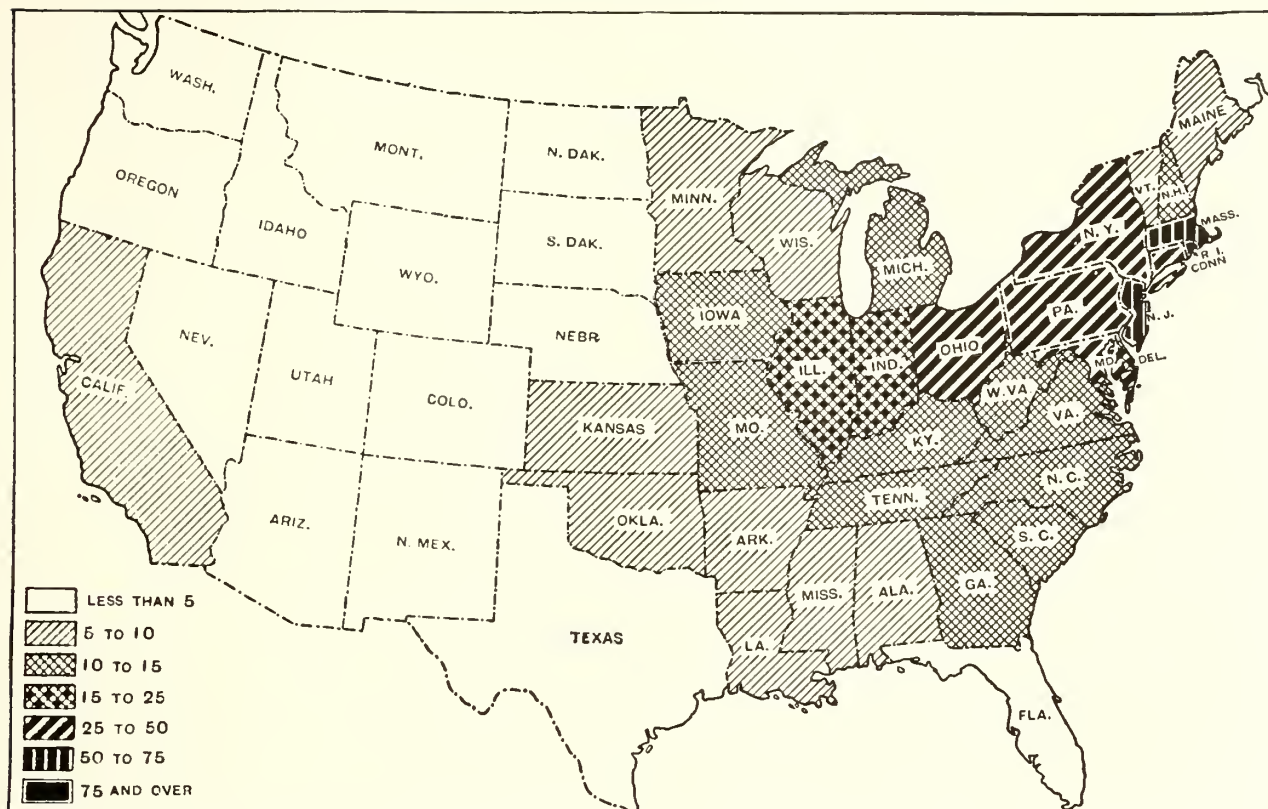




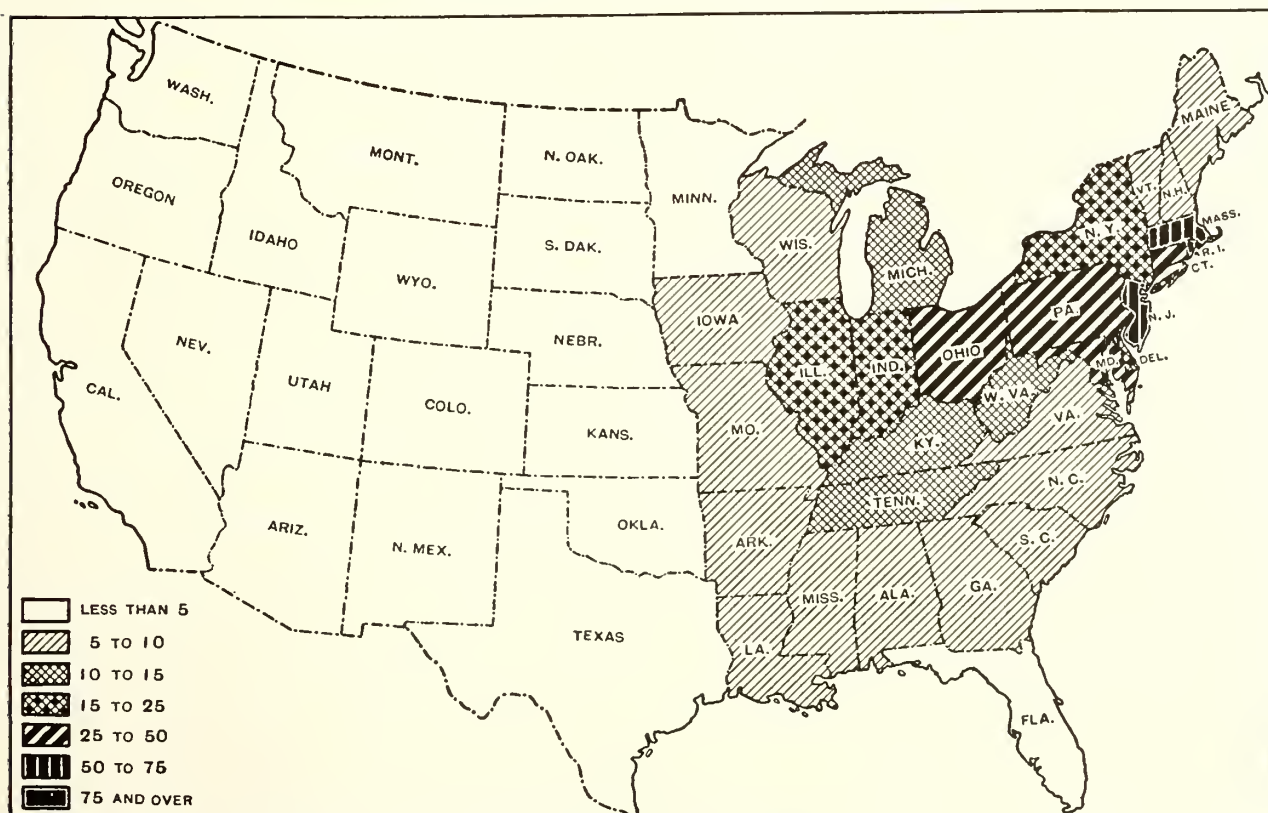
FOREIGN-BORN WHITE POPULATION 10 YEARS OF AGE AND OVER UNABLE TO SPEAK ENGLISH: 1920 AND 1910.



1. NUMBER OF DWELLINGS PER SQUARE MILE, BY STATES: 1920.

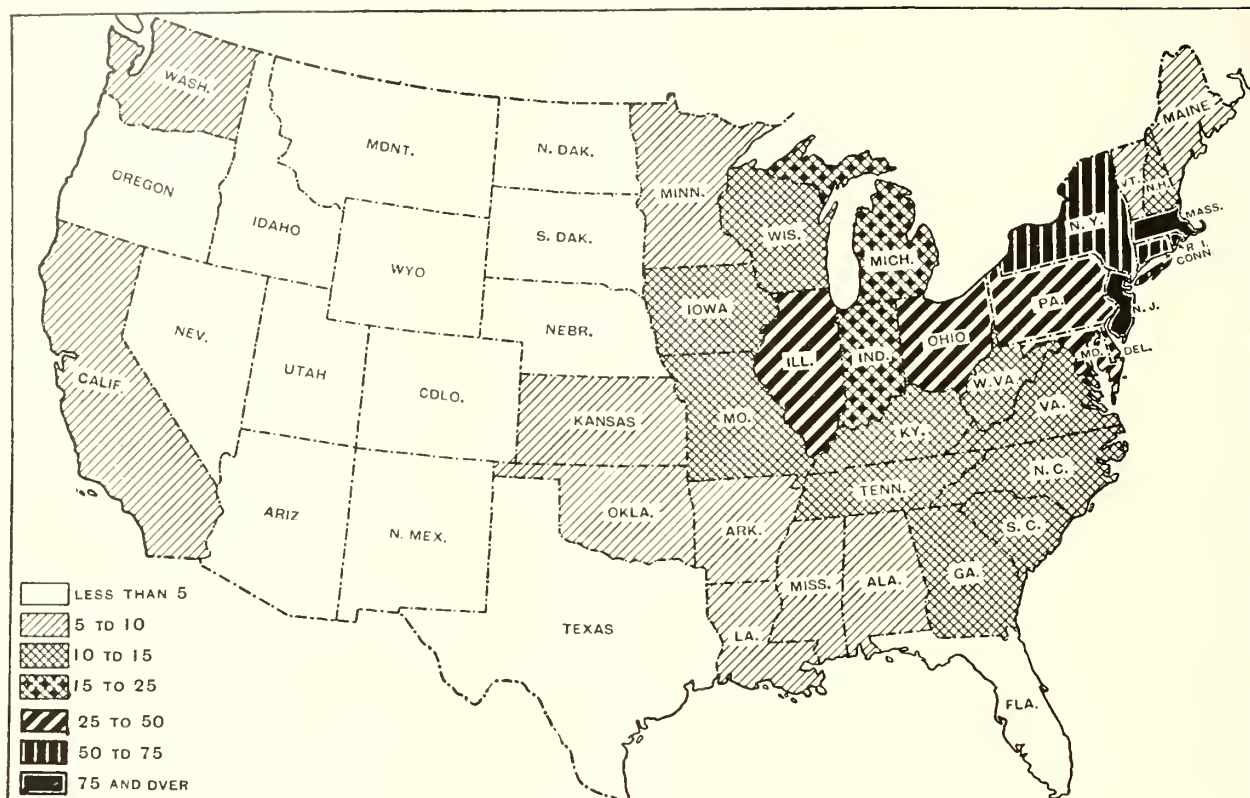


2. NUMBER OF DWELLINGS PER SQUARE MILE, BY STATES: 1910.

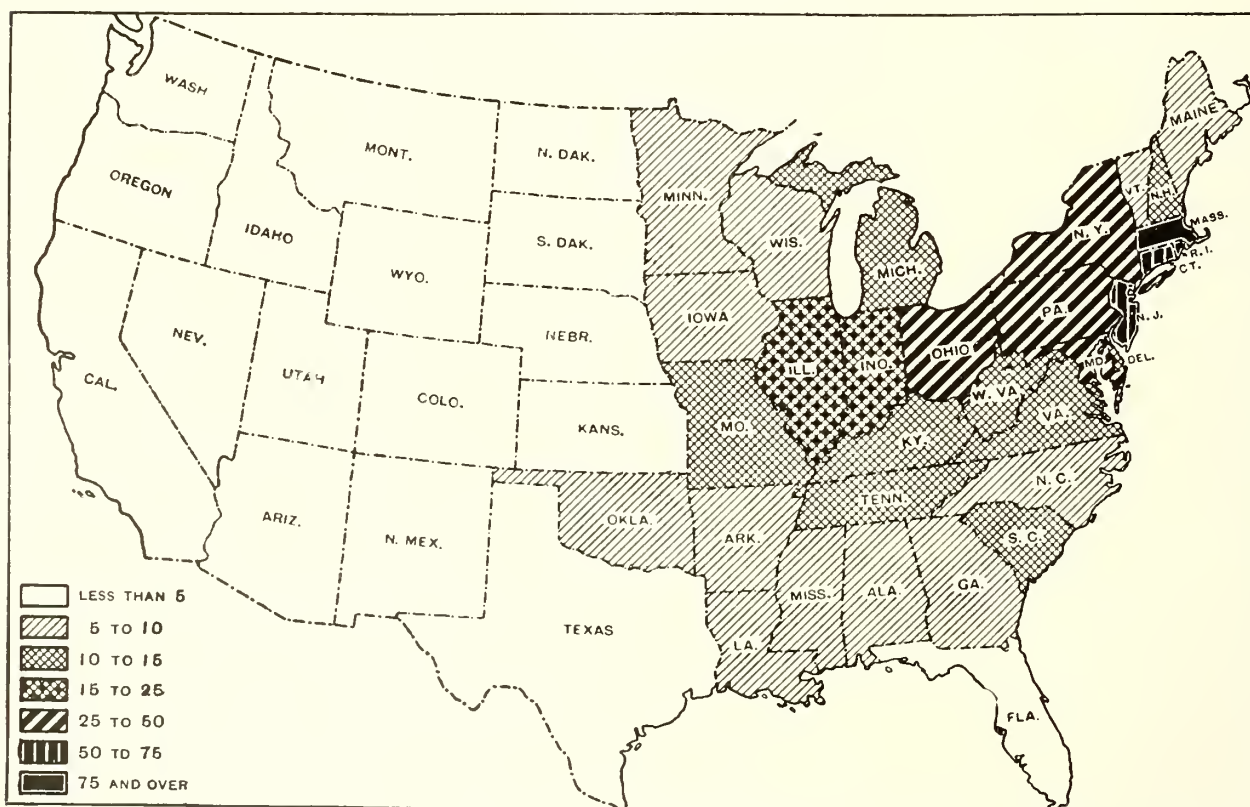




1. NUMBER OF FAMILIES PER SQUARE MILE, BY STATES: 1920.

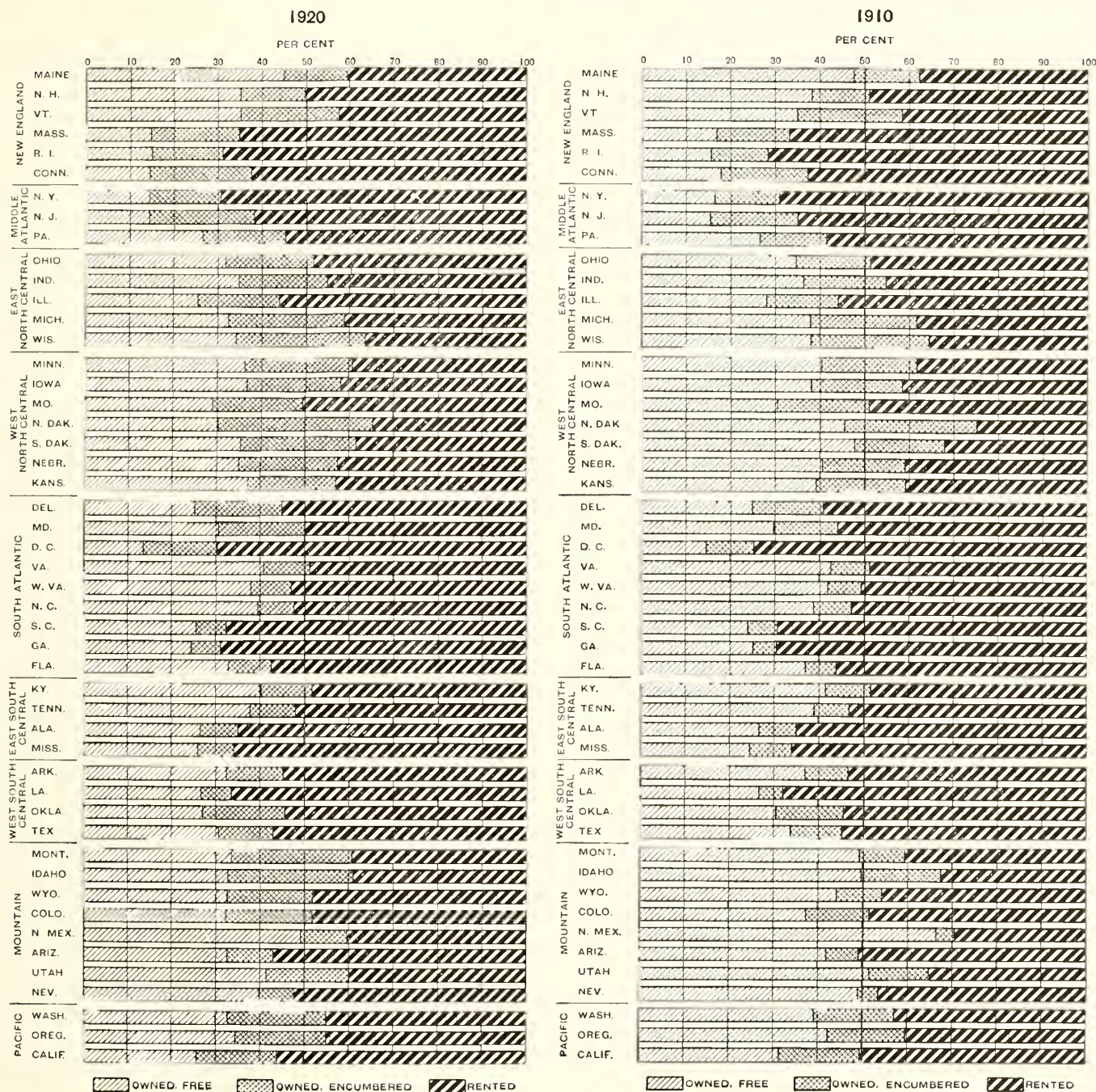


2. NUMBER OF FAMILIES PER SQUARE MILE, BY STATES: 1910.



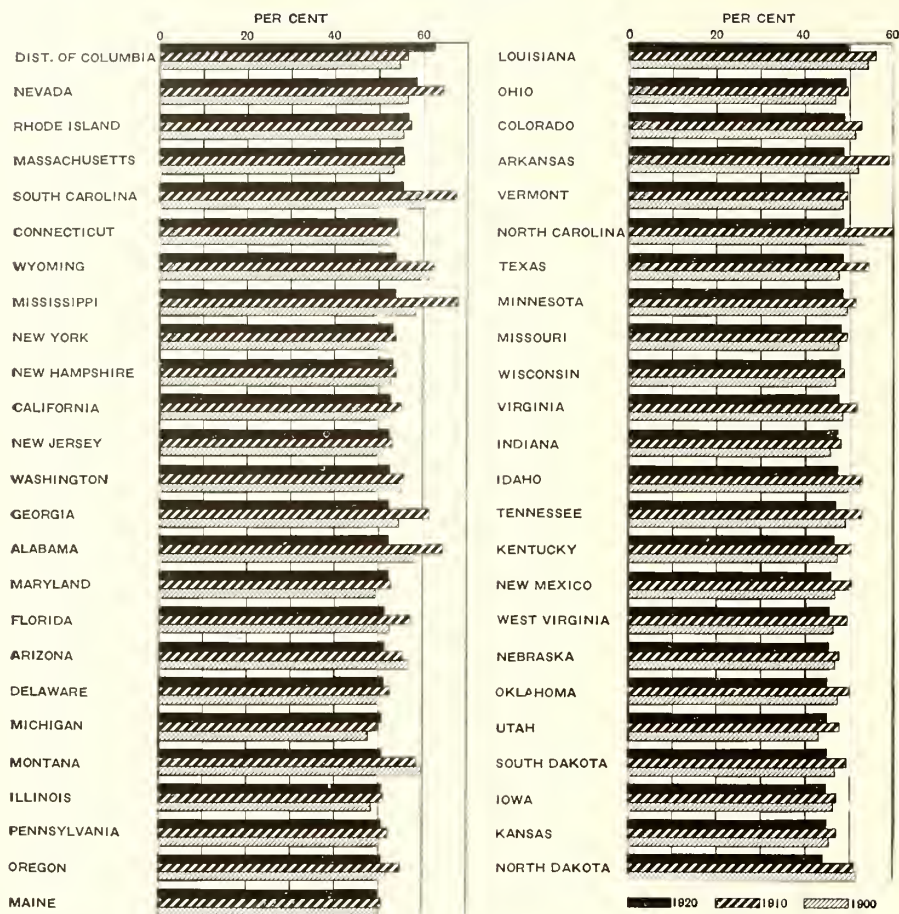


PER CENT OF HOMES OWNED FREE, OWNED ENCUMBERED, AND RENTED, IN TOTAL NUMBER OF HOMES, BY STATES:  
1920 AND 1910

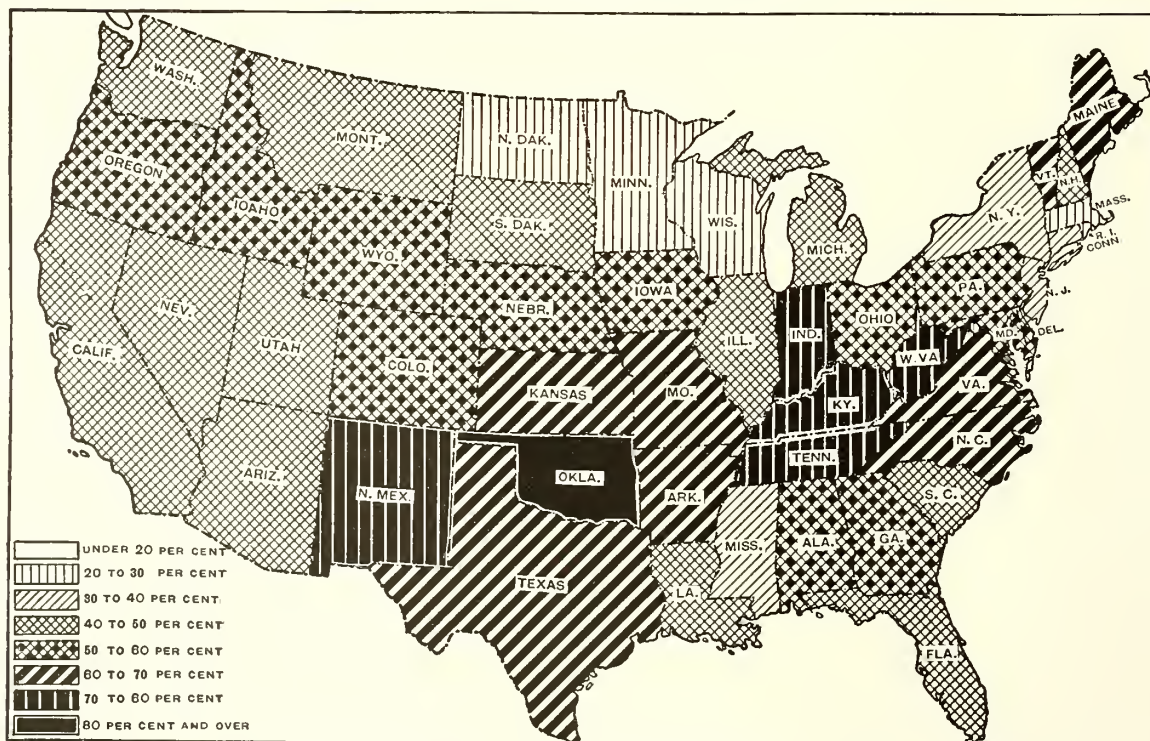




1. PROPORTION OF POPULATION 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1920, 1910, AND 1900.

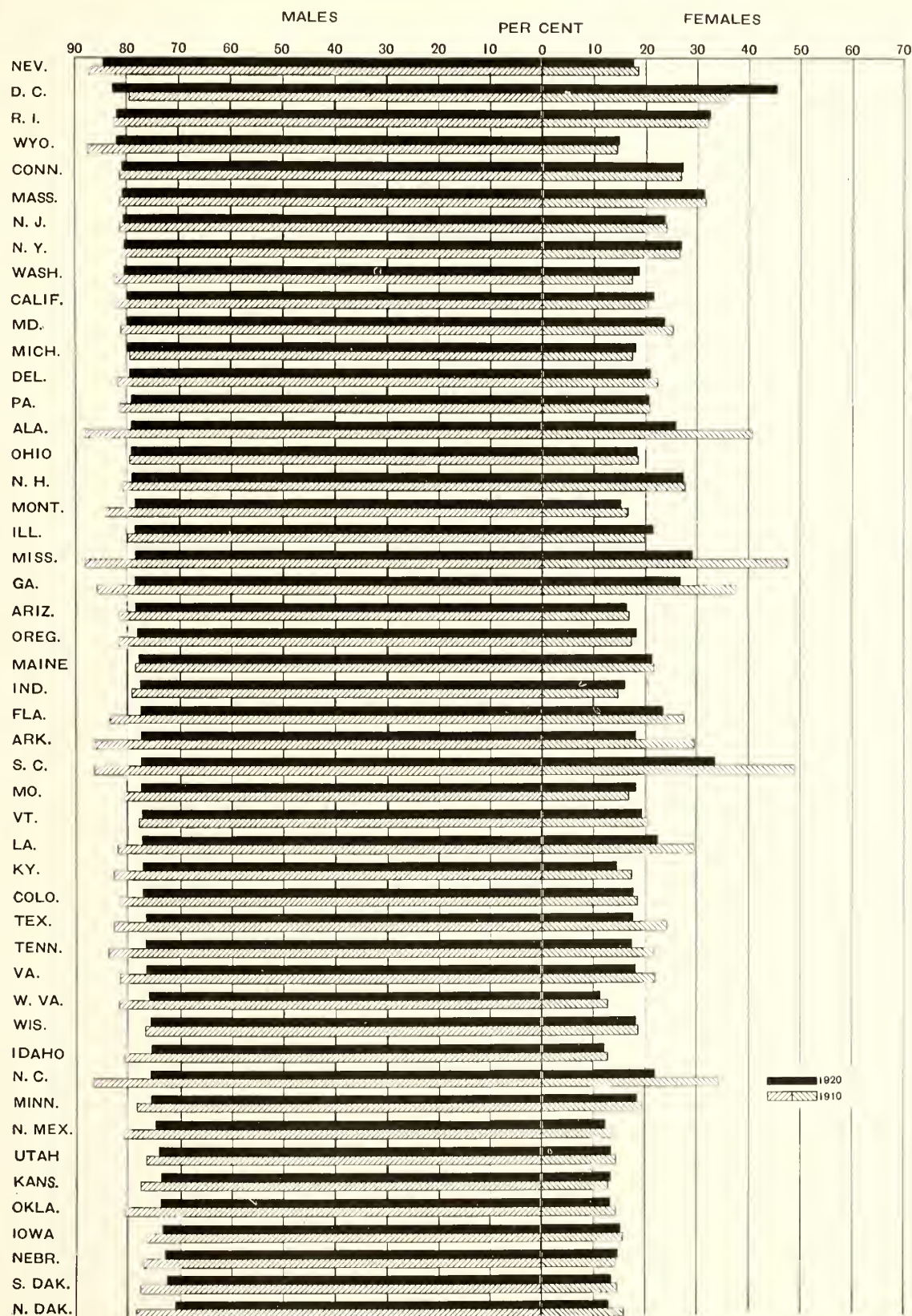


2. PER CENT DISTRIBUTION OF NATIVE WHITE PERSONS OF NATIVE PARENTAGE 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS: 1920.



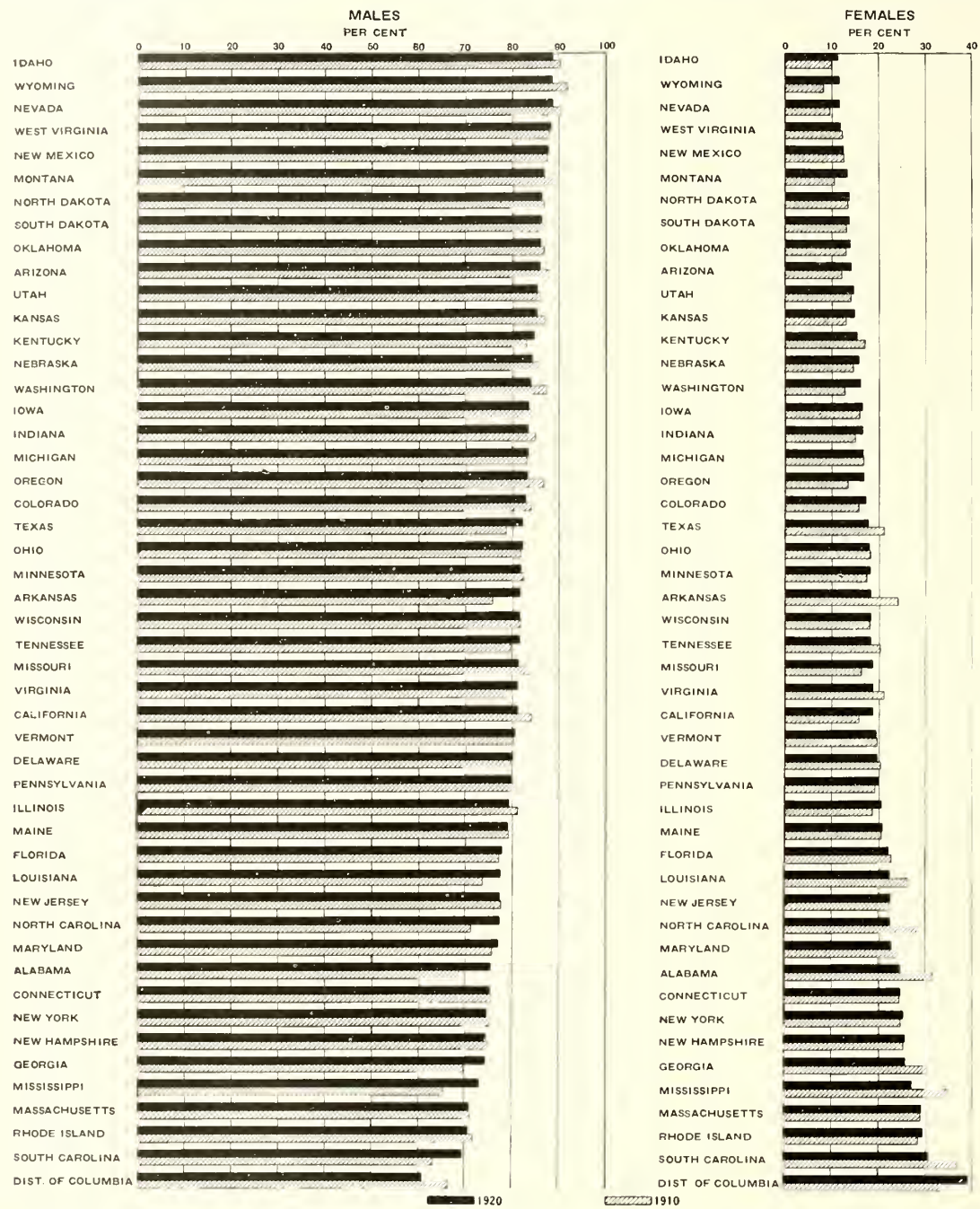


PROPORTION THAT MALES AND FEMALES 10 YEARS OF AGE AND OVER WITH GAINFUL OCCUPATIONS FORMED  
OF ALL MALES AND FEMALES 10 YEARS OF AGE AND OVER: 1920 AND 1910.

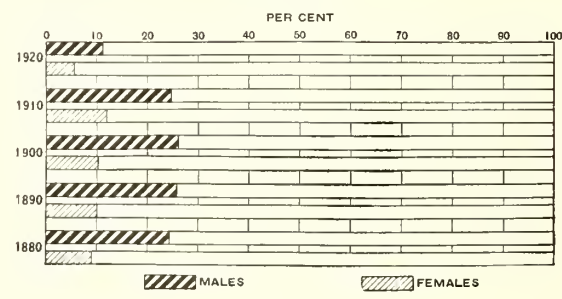




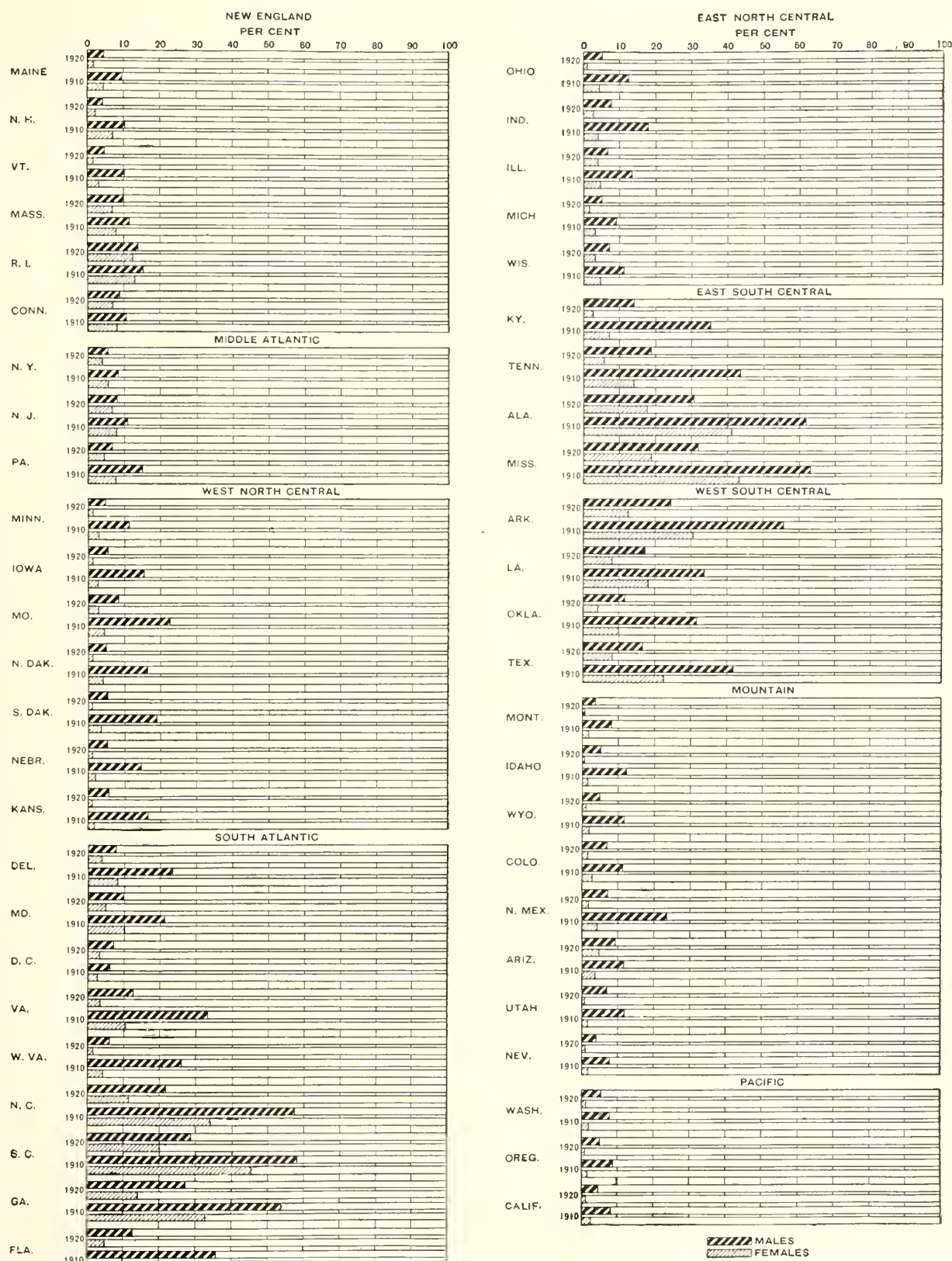
1. PROPORTION THAT MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS FORMED OF THE TOTAL POPULATION 10 YEARS OF AGE AND OVER OCCUPIED, BY STATES: 1920 AND 1910.



2. PROPORTION OF CHILDREN OF EACH SEX 10 TO 15 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS: 1880-1920.

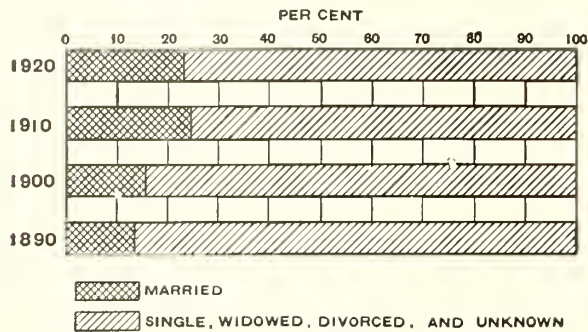


PROPORTION OF CHILDREN OF EACH SEX 10 TO 15 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES,  
ARRANGED BY GEOGRAPHIC DIVISIONS: 1920 AND 1910.

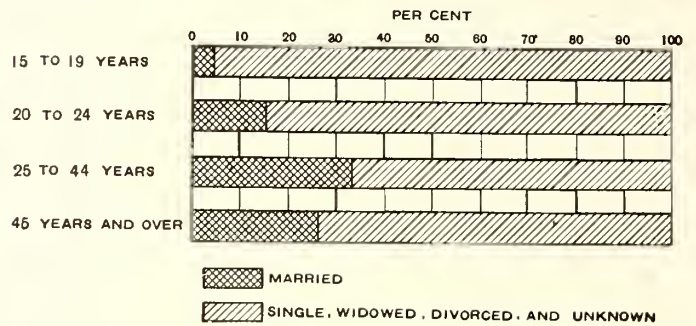




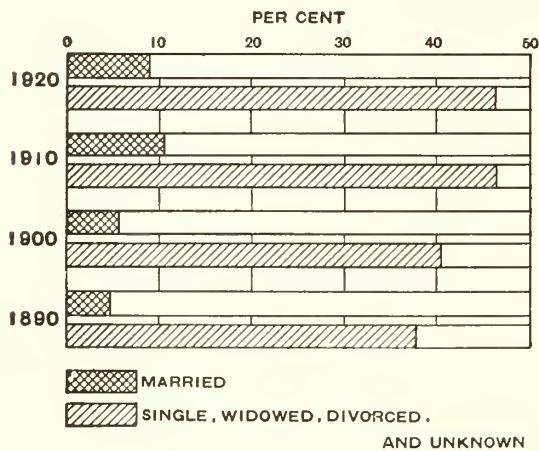
1. PROPORTION OF MARRIED AND OF SINGLE, WIDOWED, DIVORCED, AND UNKNOWN WOMEN AMONG GAINFULLY OCCUPIED WOMEN 15 YEARS OF AGE AND OVER: 1890-1920.



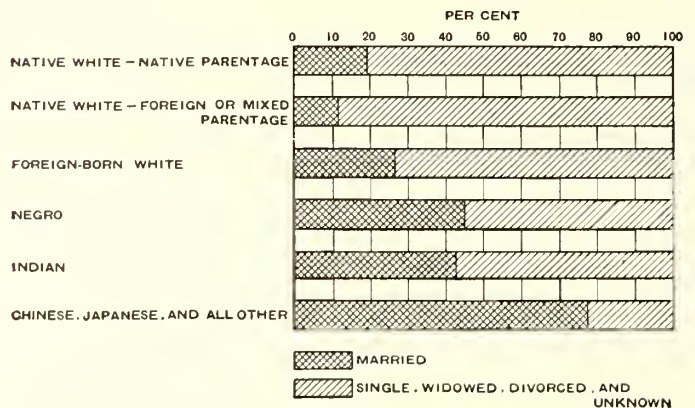
2. PROPORTION OF WOMEN 15 YEARS OF AGE AND OVER IN EACH SPECIFIED AGE PERIOD AND MARITAL CLASS ENGAGED IN GAINFUL OCCUPATIONS: 1920.



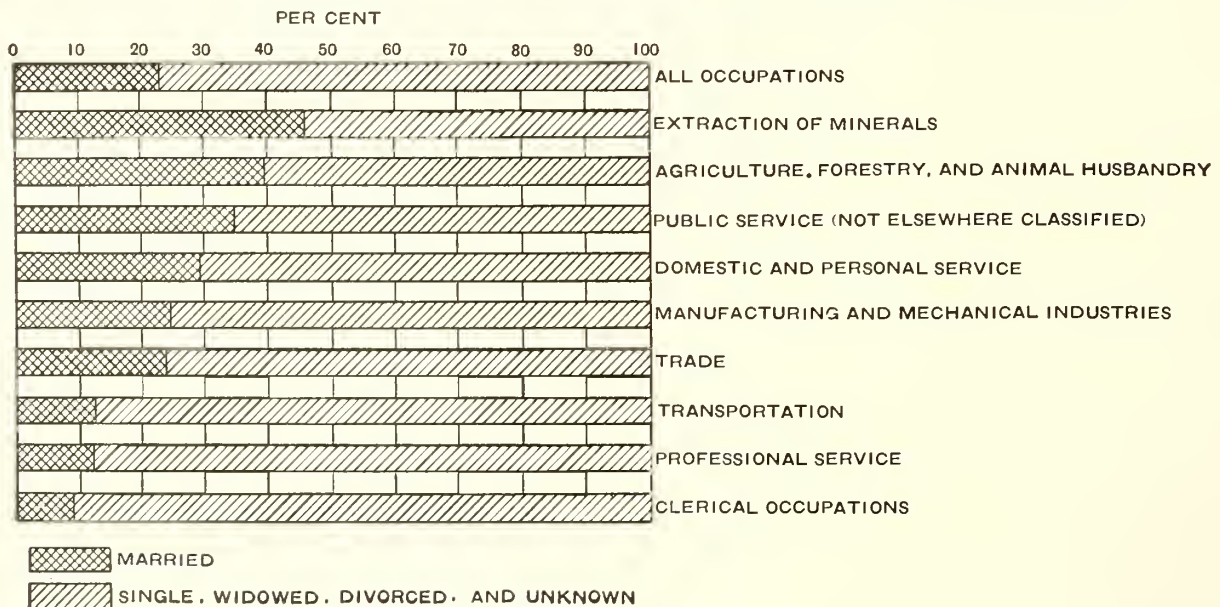
3. PROPORTION OF WOMEN 15 YEARS OF AGE AND OVER IN EACH SPECIFIED MARITAL CLASS ENGAGED IN GAINFUL OCCUPATIONS: 1890-1920.



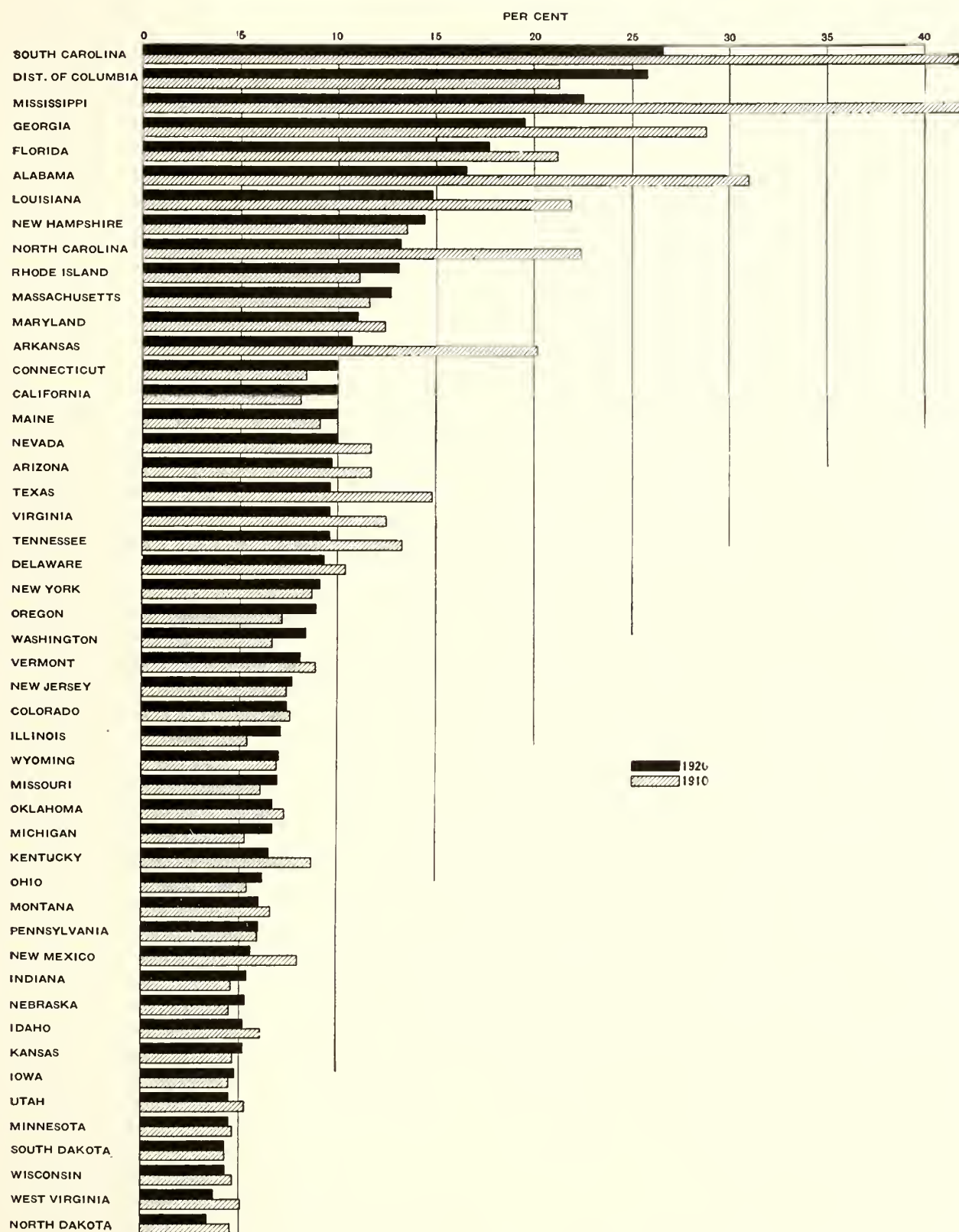
4. PROPORTION OF MARRIED AND OF SINGLE, WIDOWED, DIVORCED, AND UNKNOWN WOMEN 15 YEARS OF AGE AND OVER IN EACH PRINCIPAL CLASS OF THE POPULATION ENGAGED IN GAINFUL OCCUPATIONS: 1920.



5. PROPORTION OF MARRIED AND OF SINGLE, WIDOWED, DIVORCED, AND UNKNOWN WOMEN AMONG WOMEN 15 YEARS OF AGE AND OVER IN EACH GENERAL DIVISION OF GAINFUL OCCUPATIONS: 1920.

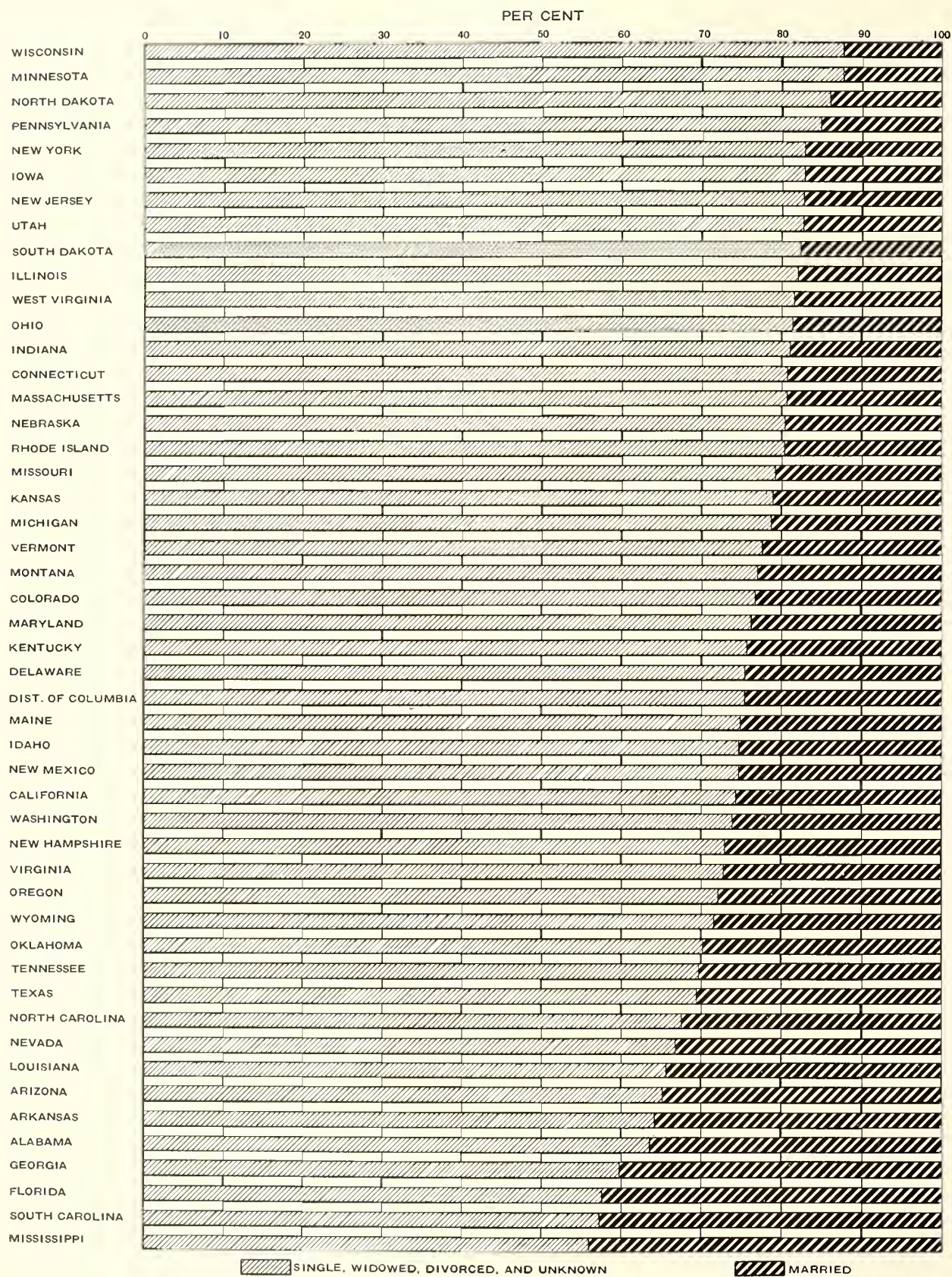


PROPORTION OF MARRIED WOMEN 15 YEARS OF AGE AND OVER ENGAGED IN GAINFUL OCCUPATIONS, BY STATES:  
1920 AND 1910.



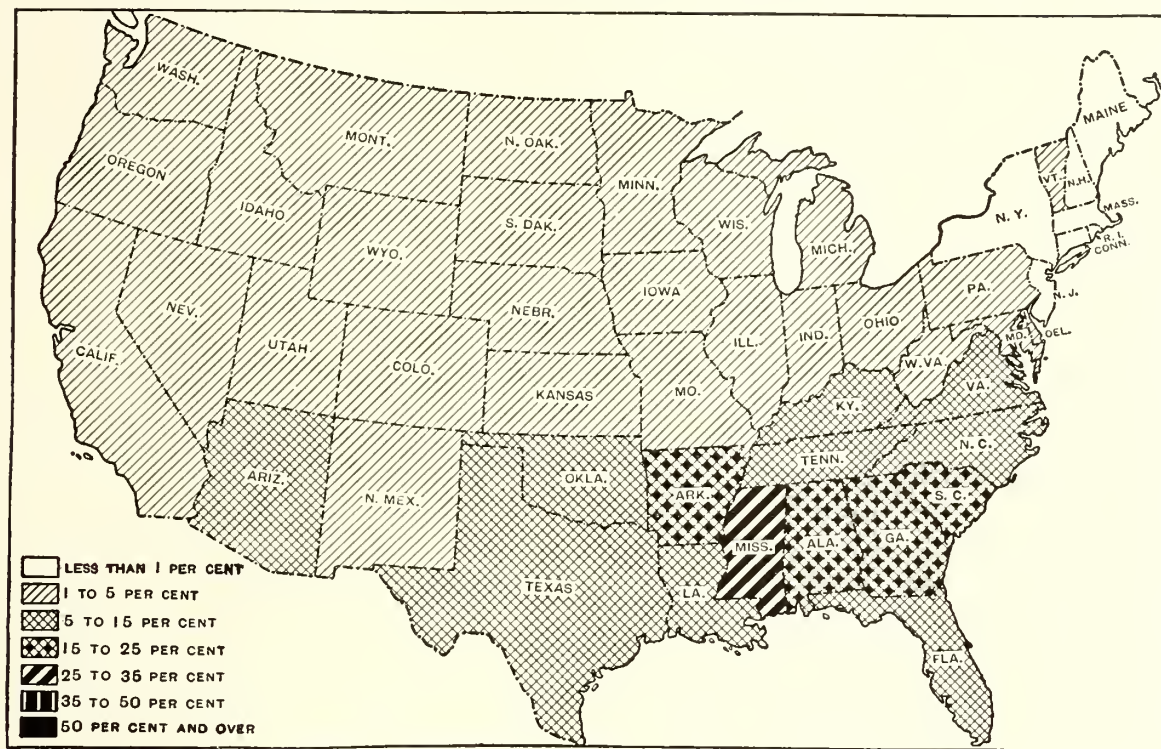


PER CENT DISTRIBUTION, BY MARITAL CONDITION, OF THE GAINFULLY OCCUPIED WOMEN 15 YEARS OF AGE AND OVER, BY STATES: 1920.

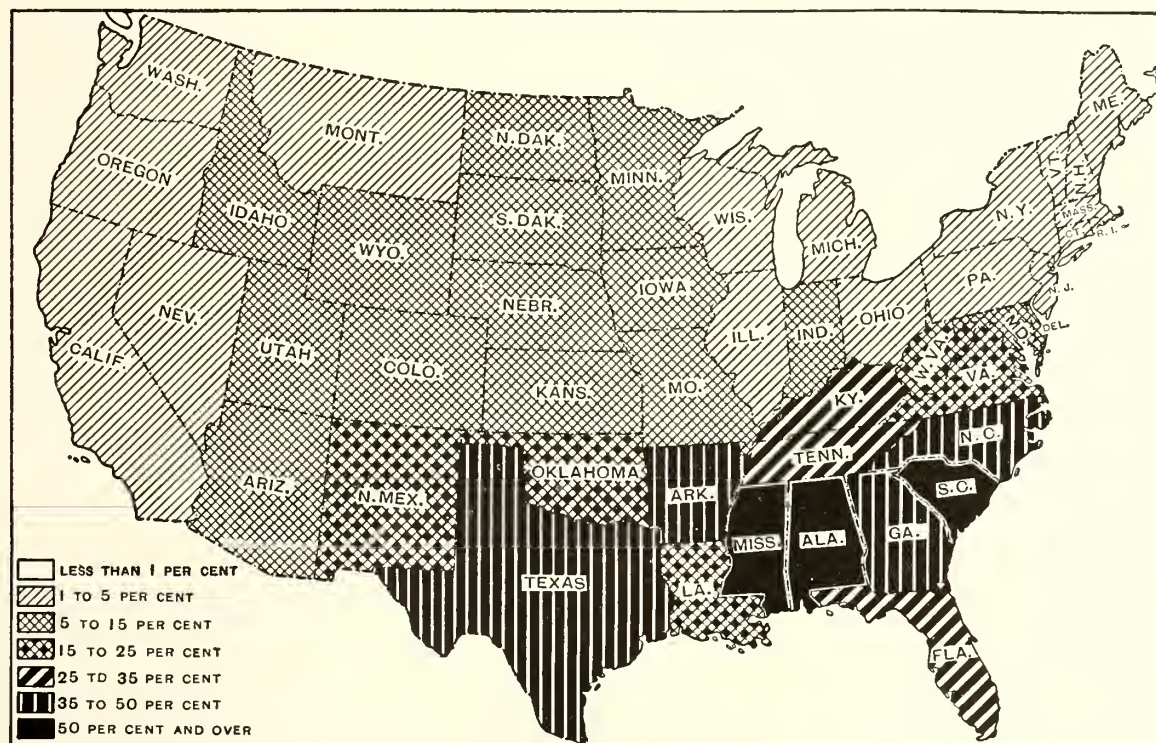




## 1. PROPORTION OF MALES 10 TO 13 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1920.

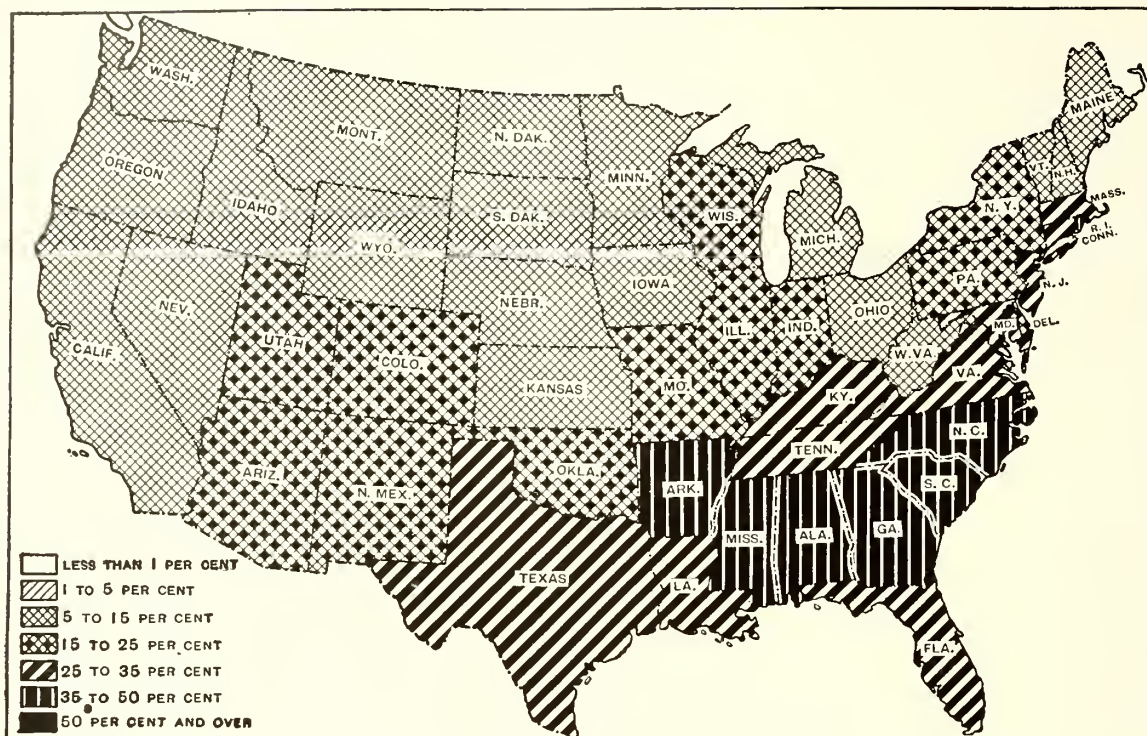


## 2. PROPORTION OF MALES 10 TO 13 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1910.

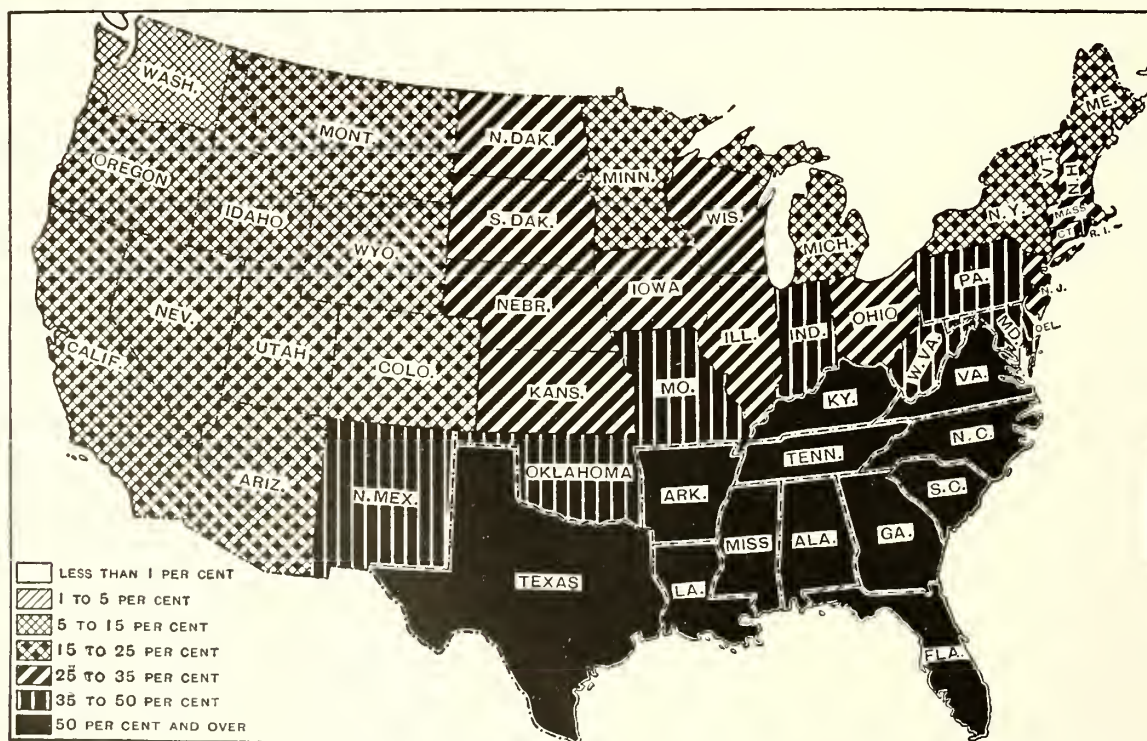




1. PROPORTION OF MALES 14 AND 15 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1920.



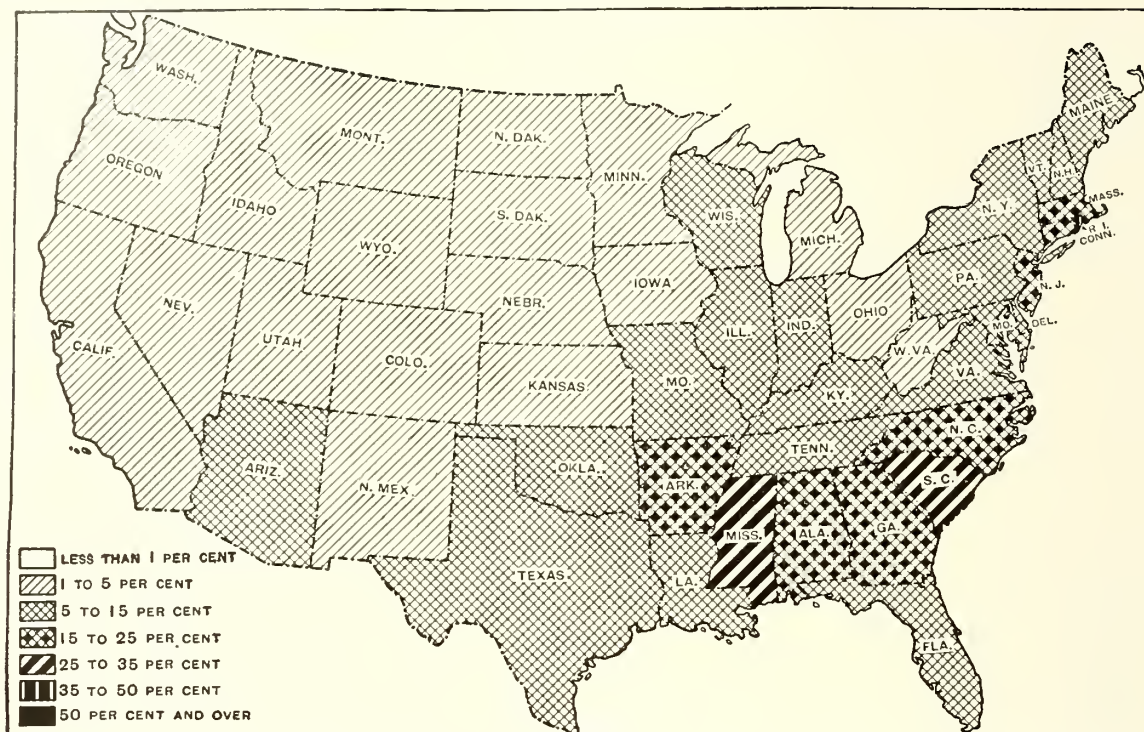
2. PROPORTION OF MALES 14 AND 15 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1910.



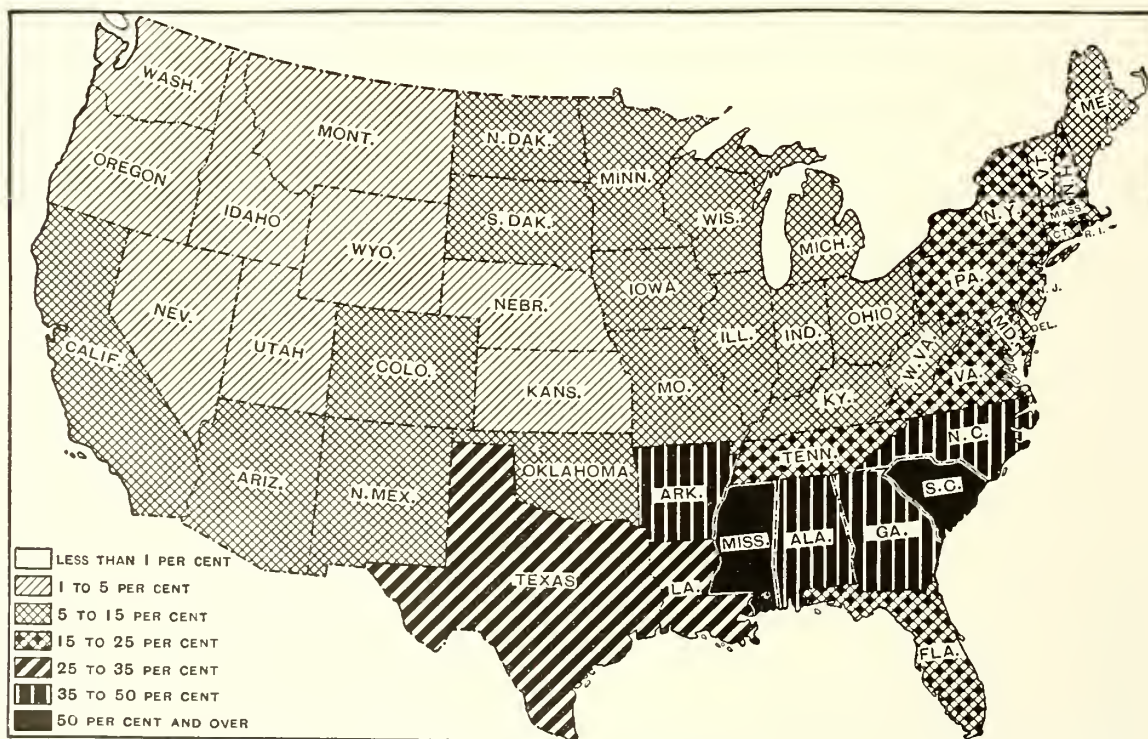




1. PROPORTION OF FEMALES 14 AND 15 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1920.

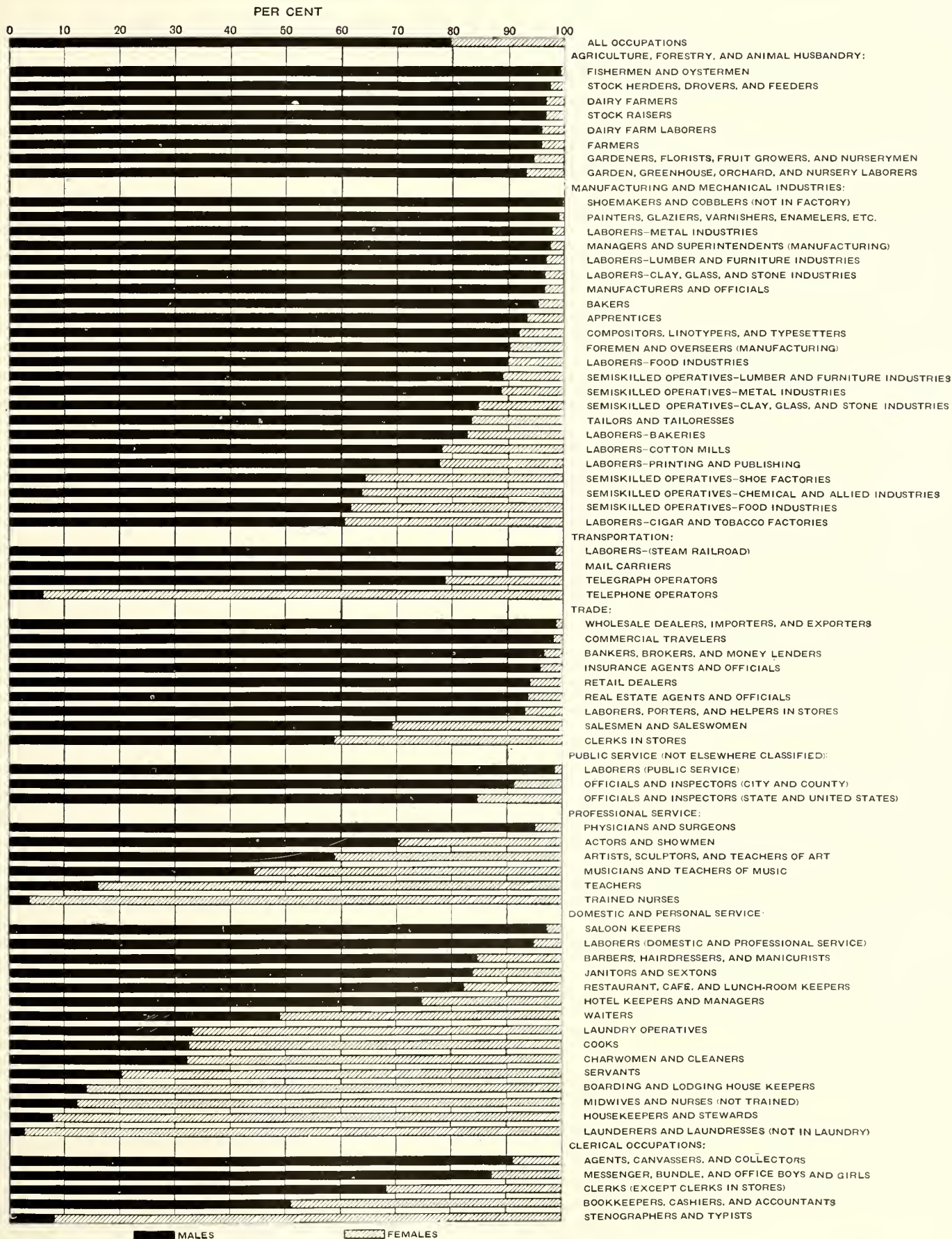


2. PROPORTION OF FEMALES 14 AND 15 YEARS OF AGE ENGAGED IN GAINFUL OCCUPATIONS, BY STATES: 1910.



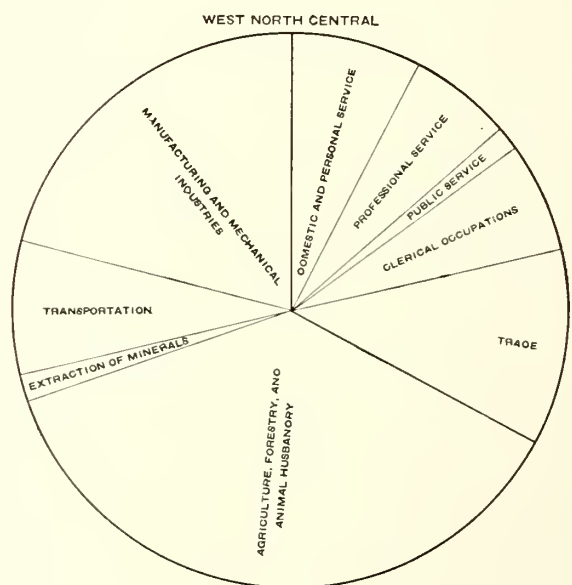
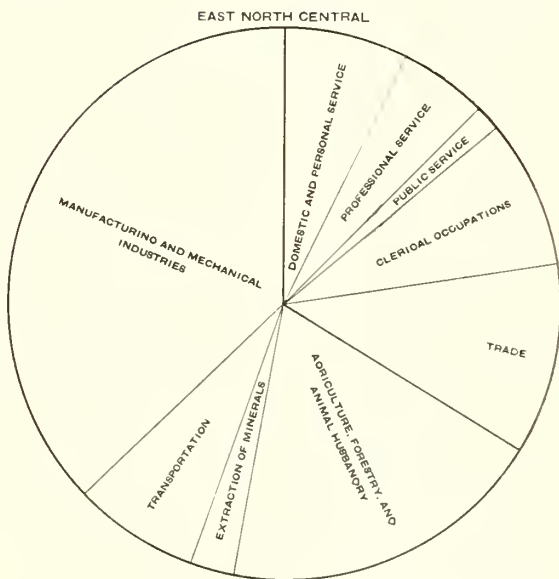
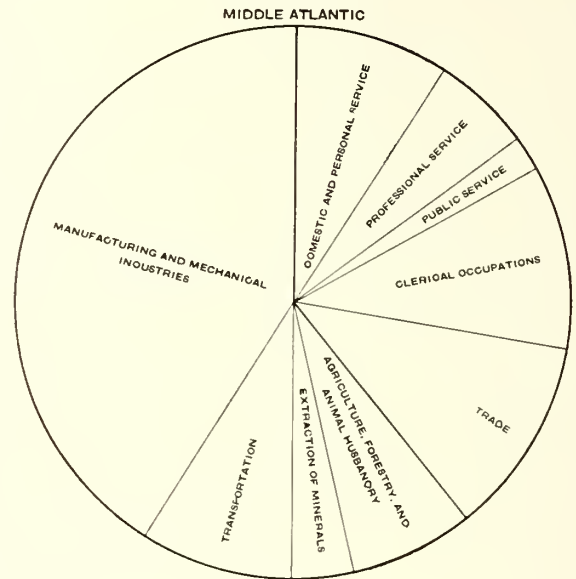
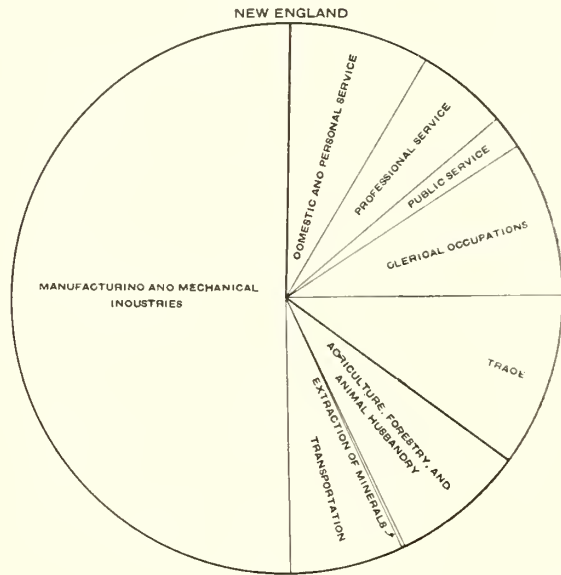


# PROPORTION OF MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN CERTAIN GAINFUL OCCUPATIONS: 1920.

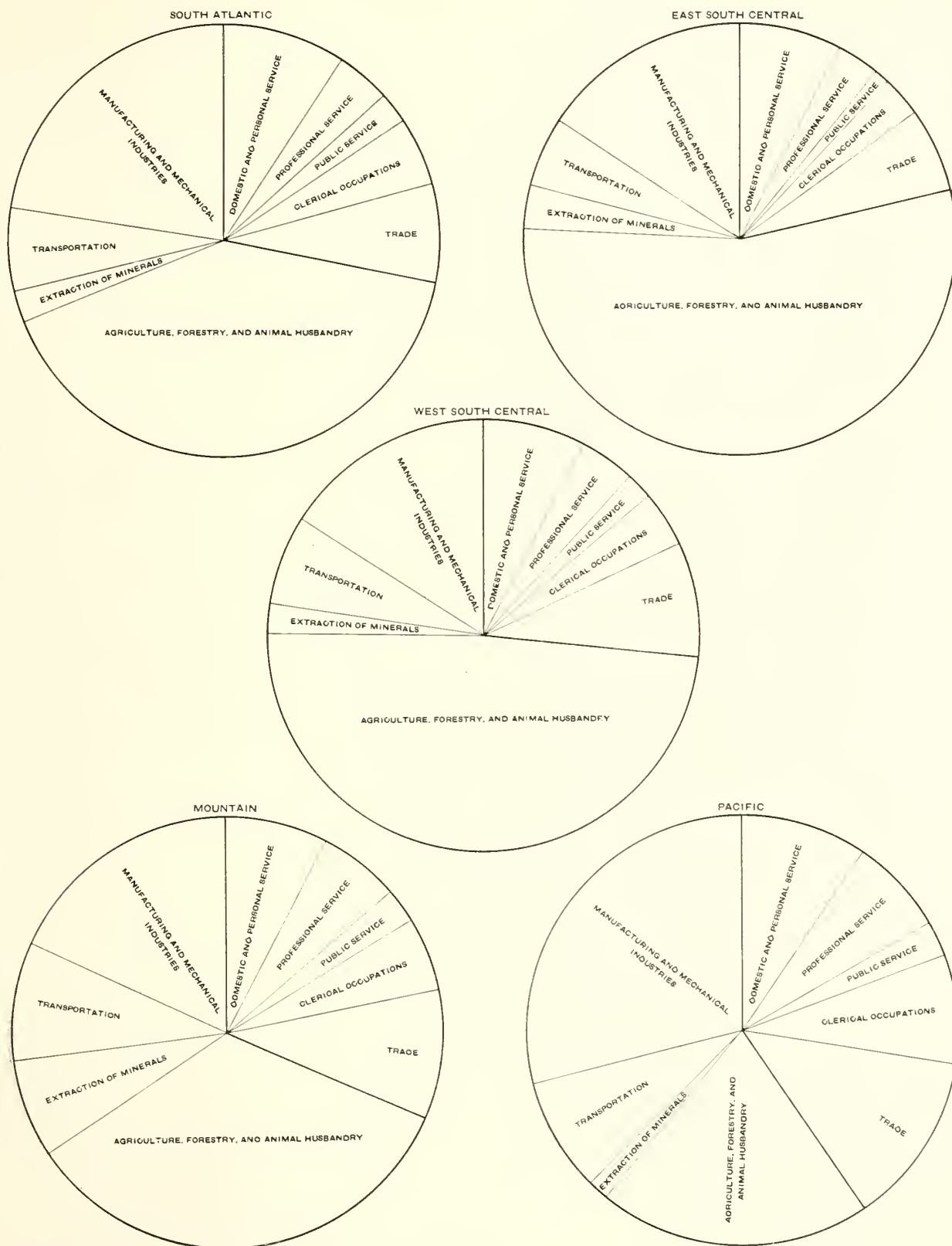




PROPORTION OF POPULATION 10 YEARS OF AGE AND OVER ENGAGED IN EACH GENERAL DIVISION OF GAINFUL OCCUPATIONS, CLASSIFIED AS INDUSTRIAL AND NONINDUSTRIAL, BY GEOGRAPHIC DIVISIONS: 1920.

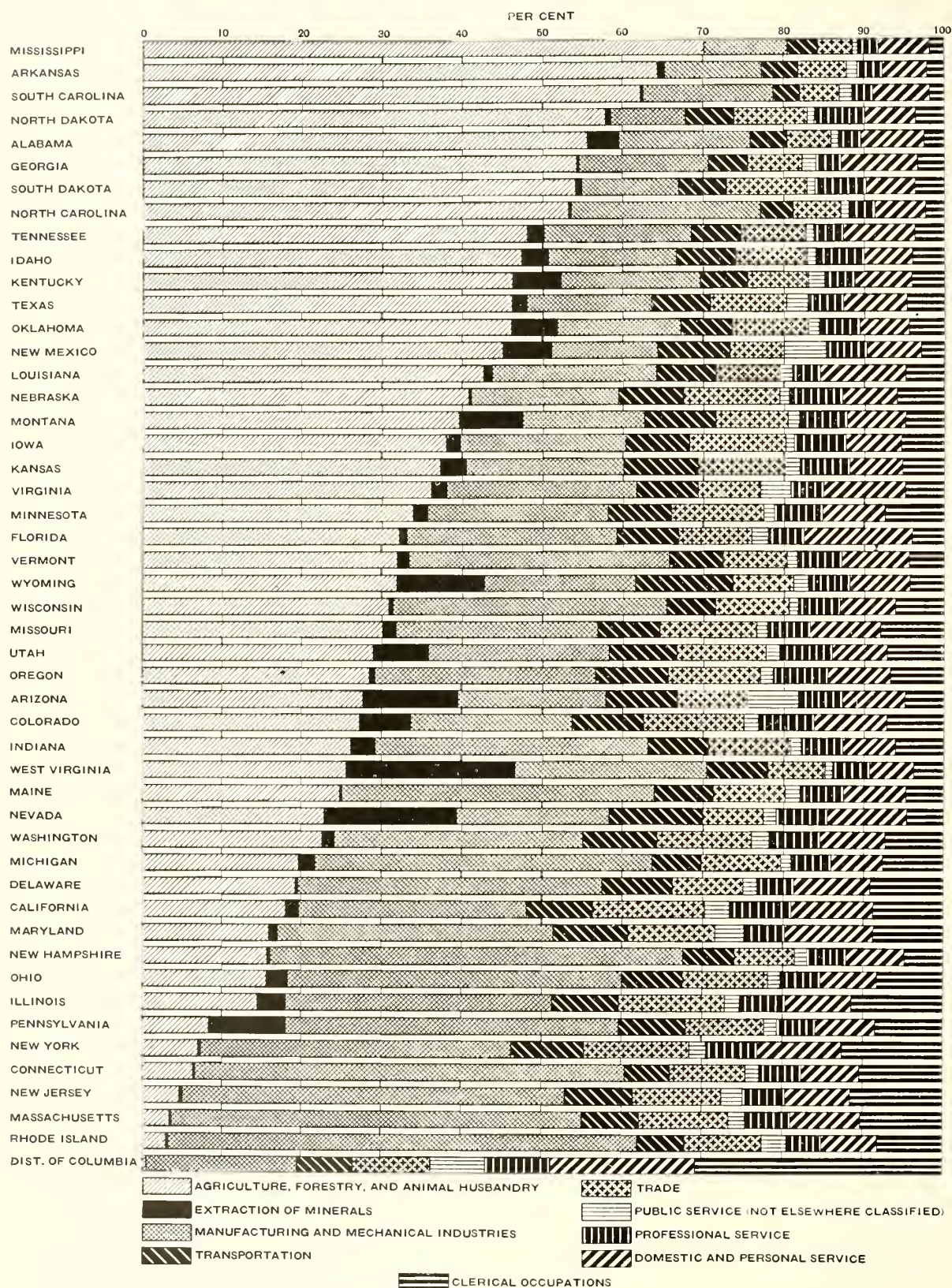


PROPORTION OF POPULATION 10 YEARS OF AGE AND OVER ENGAGED IN EACH GENERAL DIVISION OF GAINFUL OCCUPATIONS, CLASSIFIED AS INDUSTRIAL AND NONINDUSTRIAL, BY GEOGRAPHIC DIVISIONS: 1920.



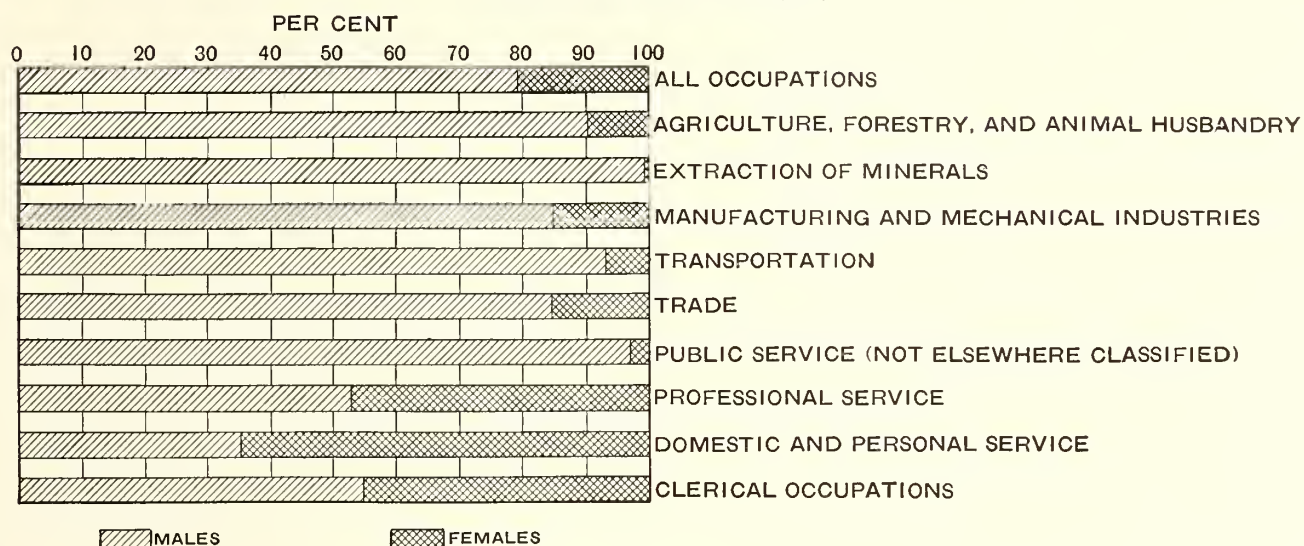


PROPORTION OF POPULATION 10 YEARS OF AGE AND OVER, IN EACH STATE, ENGAGED IN EACH  
GENERAL DIVISION OF GAINFUL OCCUPATIONS: 1920.

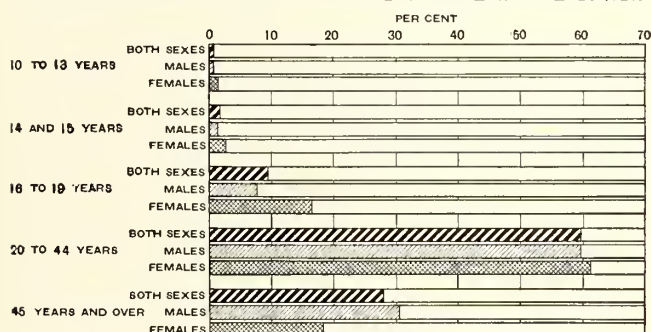




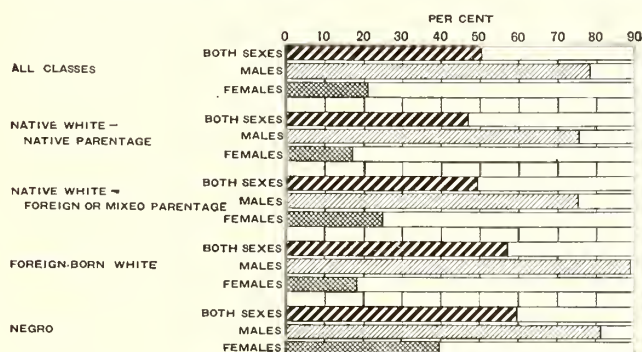
1. PROPORTION OF MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH GENERAL DIVISION OF GAINFUL OCCUPATIONS: 1920.



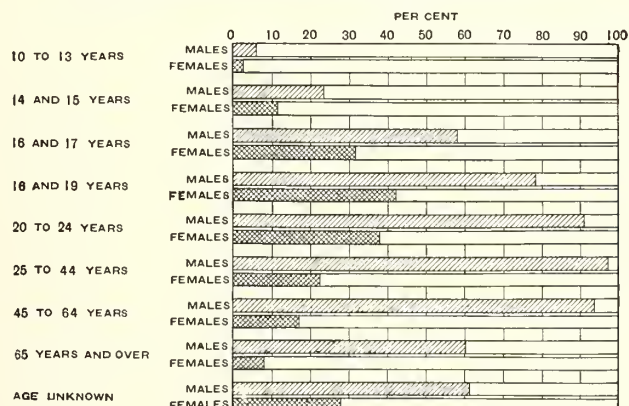
2. PROPORTION WHICH GAINFUL WORKERS OF BOTH SEXES, IN EACH SPECIFIED AGE GROUP, CONSTITUTED OF ALL GAINFUL WORKERS, AND THE PROPORTION WHICH MALES AND FEMALES OF EACH AGE GROUP FORMED OF TOTAL MALE AND FEMALE WORKERS: 1920.



3. PROPORTION OF EACH PRINCIPAL CLASS OF POPULATION 10 YEARS OF AGE AND OVER, BOTH SEXES, MALES AND FEMALES, ENGAGED IN GAINFUL OCCUPATIONS: 1920.



4. PROPORTION OF MALES AND FEMALES OF EACH SPECIFIED AGE GROUP ENGAGED IN GAINFUL OCCUPATIONS: 1920.







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# AGRICULTURE

PLATES 239-341



# AGRICULTURE.

PLATE No.	TITLE.	PLATE No.	TITLE.
239	Relative proportion of improved and unimproved land area in farms to the total land area of the United States: 1850-1920.	254	Number of farms—Per cent distribution by tenure, by states: 1. 1920. 2. 1910.
240	Number of farms, January 1, 1920 (dot map).	255	All farm land—Per cent distribution by tenure, by states: 1. 1920. 2. 1910.
241	1. Improved and unimproved land in farms, and land not in farms, by states: 1920 and 1910. 2. Improved and unimproved land in farms, and land not in farms, in the United States: 1850-1920.	256	Number of farms operated by tenants, January 1, 1920 (dot map).
242	3. Number of farms in the United States: 1850-1920. 1. Per cent of total land area in farms, by states: 1920 (map). 2. Per cent of increase in population and agriculture: 1910-1920.	257	Per cent of all farms operated by tenants, by counties: 1920 (map).
243	1. Average acreage of all land per farm, by states: 1920 (map). 2. Average acreage of all land per farm, by states: 1910 (map).	258	1. Per cent of all farm land operated by tenants, by states: 1920 (map). 2. Per cent of all farm land operated by tenants, by states: 1910 (map).
244	1. Average acreage of improved land per farm, by states: 1920 (map). 2. Proportion of improved land in farms to total land area: 1910 (map).	259	1. Per cent of improved farm land operated by tenants, by states: 1920 (map). 2. Per cent of improved farm land operated by tenants, by states: 1910 (map).
245	Improved land in farms, January 1, 1920 (dot map).	260	1. White farmers—Per cent distribution by tenure, by states, 1920. 2. Colored farmers—Per cent distribution by tenure, by states: 1920. 3. Per cent distribution of farms in the United States, by tenure: 1880-1920. 4. White farmers in the South—Per cent distribution, by tenure, 1900-1920. 5. Colored farmers in the South—Per cent distribution, by tenure: 1900-1920.
246	1. Average size of farms, by states: 1920 and 1910. 2. Average size of farms, by states: 1900 and 1890. Per cent of value of all farm property represented by each class of property, by states: 1. 1920. 2. 1910.	261	1. White farmers—Per cent operating rented farms, by states: 1920 (map). 2. Colored farmers—Per cent operating rented farms, by states: 1920 (map).
247	3. Average value of farm land and buildings per acre: 1850-1920. 4. Value of farm property, by classes: 1850-1920.	262	1. White farmers—Per cent of farm land operated by tenants, by states: 1920 (map). 2. Colored farmers—Per cent of farm land operated by tenants, by states: 1920 (map).
248	Average value of farm land and buildings per acre, by counties: 1920 (map).	263	1. Number of farms—Per cent distribution by race and nativity of farmer, by states: 1920. 2. Number of farms—Per cent distribution by race and nativity of farmer, by states: 1910.
249	1. Per cent of increase in value of all farm property, by states: 1850-1860 (map). 2. Per cent of increase in value of all farm property, by states: 1860-1870 (map).	264	1. All farm land—Per cent distribution by race and nativity of farmer, by states: 1920. 2. Foreign-born white farmers in the United States, by country of birth: 1920 and 1910. 3. White farm tenants and owners in the South, by age: 1920. 4. Colored farm tenants and owners in the South, by age: 1920. 5. Farm tenants and owners in the United States, by age: 1920.
250	1. Per cent of increase in value of all farm property, by states: 1870-1880 (map). 2. Per cent of increase in value of all farm property, by states: 1880-1890 (map).		
251	1. Per cent of increase in value of all farm property, by states: 1890-1900 (map). 2. Per cent of increase in value of all farm property, by states: 1900-1910 (map).		
252	1. Per cent of increase in value of all farm property, by states: 1910-1920 (map). 2. Value of agricultural products, by states: 1920 (map).		
253	1. Value of implements and machinery per acre of improved land in farms, by states: 1920 (map). 2. Value of live stock per acre of all land in farms, by states: 1920 (map).		

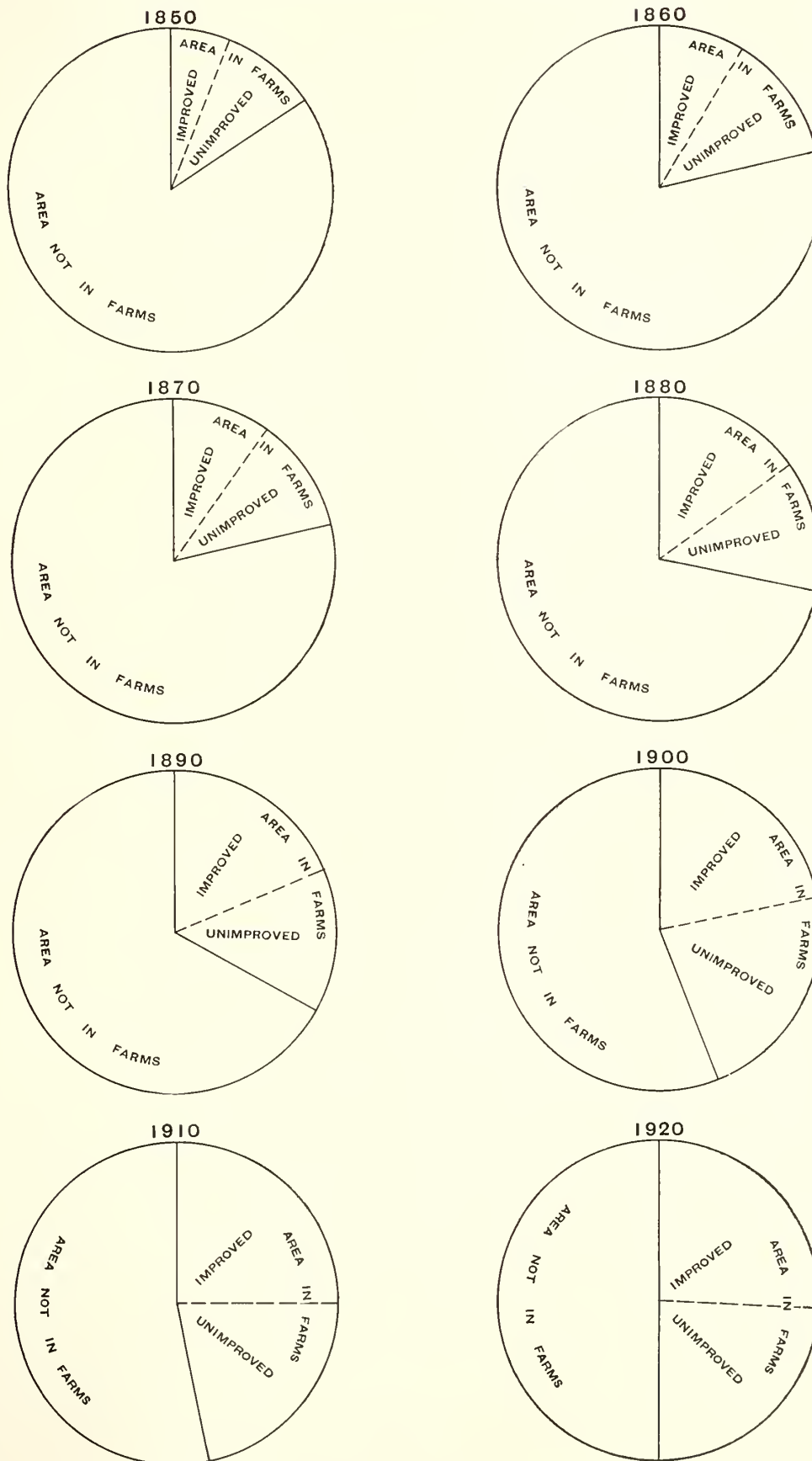
PLATE No.	TITLE.	PLATE No.	TITLE.
265	Per cent of all farms operated by colored farmers, by counties: 1920.		1. Production of potatoes, 20 leading states: 1919 and 1909.
266	1. Per cent of all farm land operated by colored farmers, by states: 1920 (map).		2. Production of sweet potatoes, 15 leading states: 1919 and 1909.
	2. Per cent of all farm land operated by colored farmers, by states: 1910 (map).		3. Production of rye, 10 leading states: 1919 and 1909.
267	1. Per cent of improved farm land operated by colored farmers, by states: 1920 (Southern States only) (map).	282	4. Production of tobacco, 15 leading states: 1919 and 1909.
	2. Per cent of improved farm land operated by colored farmers, by states: 1910 (Southern States only) (map).		5. Value of vegetables raised for sale, 12 leading states: 1919.
268	1. Per cent distribution of owner-operated farms according to mortgage status, by states: 1920.		6. Production of cotton in the United States: 1849-1919.
	2. Ratio of mortgage debt to value of mortgaged farms, by states: 1920.	283	7. Production of cotton, 15 leading states: 1919 and 1909.
	3. Per cent distribution of owner-operated farms in the United States, according to mortgage status: 1890-1920.	284	Corn production in 1919 (dot map).
269	Mortgage debt on owner-operated farms, by states: 1920 and 1910.	285	Wheat production in 1919 (dot map).
270	1. Farm expenditures for labor, by states: 1919 and 1909.	286	Oats production in 1919 (dot map).
	2. Farm expenditures for feed, by states: 1919 and 1909.		1. Per cent of all farms operated by tenants, by geographic divisions: 1880-1920.
	3. Farm expenditures for fertilizer, 36 leading states: 1919 and 1909.	287	2. Per cent of tenancy in each age group, for selected states: 1920.
271	1. Per cent of all farms reporting telephones, by states: 1920 (map).	288	1. Per cent of improved land in farms operated by tenants, owners, and managers, for selected states: 1920.
	2. Sales and purchases by farmers through cooperative organizations, 20 leading states: 1919.		2. Relation between quality of soil and per cent of tenancy: Monroe, Northampton, Lehigh, and Carbon Counties, Pa. (map).
272	Number of automobiles on farms: 1920 (dot map).	289	1. Per cent of farms operated by tenants, by counties: 1920 (map).
273	Beef cattle on farms, Jan. 1, 1920 (dot map).		2. Per cent of farms operated by tenants, by counties: 1880 (map).
274	Dairy cows on farms, Jan. 1, 1920 (dot map).	290	1. Number and per cent of tenants and owners, by age, for the North, South, and West: 1920.
275	Swine on farms, Jan. 1, 1920 (dot map).		2. Average value of farm property per farm, and per cent represented by land, for owners and tenants in selected States: 1920.
276	Value of dairy products sold by farmers in 1919 (dot map).	291	1. Per cent of tenancy in each age group, for the North, South, and West: 1890-1920.
277	1. Eggs produced on farms, by states: 1919 and 1909.		2. Per cent distribution of value of live stock, by classes, and average value per farm, for owners and tenants, in selected states: 1920.
	2. Wool produced, 16 leading states: 1919 and 1909.	292	1. Per cent distribution of farms and farm acreage, by tenure, for the North, South, and West: 1920.
	3. Butter made on farms and in factories: 1879-1919.		2. Per cent of total value of farm property represented by each class, for owners and tenants, in the North, South, and West: 1920.
278	1. Calves raised on farms, by states: 1919.	293	1. Per cent of tenants in each labor-income group, Yazoo-Mississippi Delta: 1913.
	2. Pigs raised on farms, by states: 1919.		2. Return on landlord's investment, in relation to tenant's labor income, Yazoo-Mississippi Delta: 1913.
279	1. Value of all farm crops, by states: 1919 and 1909.		
	2. All farm crops—value, by states: 1909 (map).		
280	1. Average value of all farm crops per farm, by states: 1919 and 1909.		
	2. Average value per acre of crops with acreage reports, by states: 1919 and 1909.		
281	1. Production of wheat in the United States: 1849-1919.		
	2. Production of corn in the United States: 1849-1919.		
	3. Production of wheat, 15 leading states: 1919 and 1909.		
	4. Production of corn, 20 leading states: 1919 and 1909.		
	5. Production of oats in the United States: 1849-1919.		
	6. Production of buckwheat, 5 leading states: 1919 and 1909.		
	7. Production of oats, 15 leading states: 1919 and 1909.		
	8. Production of barley, 10 leading states: 1919 and 1909.		



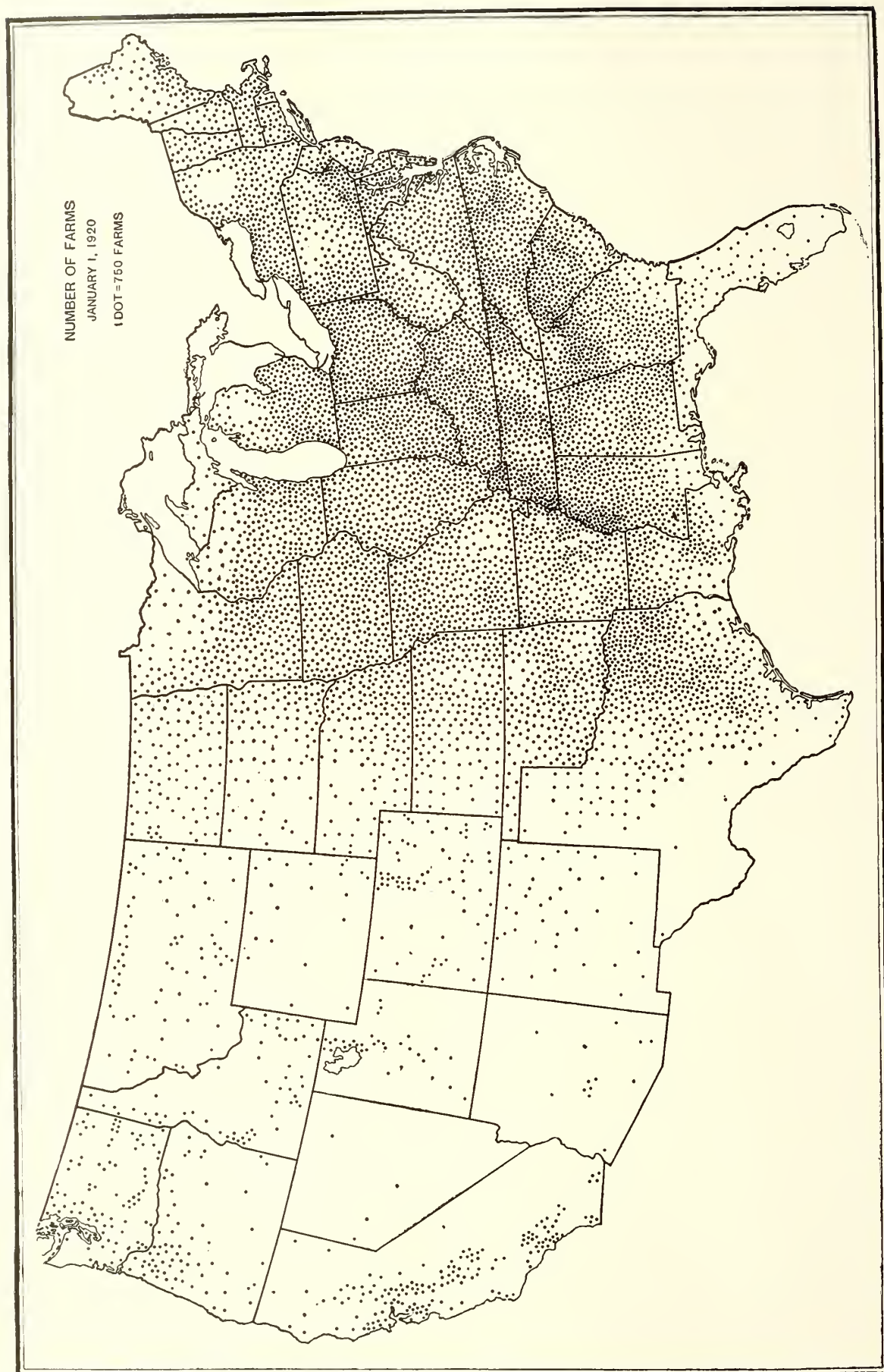
## DRAINAGE AND IRRIGATION.

PLATE No.	TITLE.	PLATE No.	TITLE.
DRAINAGE.		IRRIGATION.	
294	Approximate location and area of operating drainage enterprises in the United States: 1920 (map). Approximate location and area of operating drainage enterprises: 1920 (maps)—	323	Approximate location and extent of irrigated areas in the United States: 1920 (map). Approximate location and extent of irrigated land: 1920 (maps)—
295	Arkansas.	324	Arizona.
296	California.	325	Arkansas.
297	Colorado.	326	California.
298	Florida.	327	Colorado.
299	Georgia.	328	Idaho.
300	Idaho.	329	Kansas.
301	Illinois.	330	Louisiana.
302	Indiana.	331	Montana.
303	Iowa.	332	Nebraska.
304	Kansas.	333	Nevada.
305	Kentucky and Tennessee.	334	New Mexico.
306	Louisiana.	335	North Dakota.
307	Michigan.	336	Oregon.
308	Minnesota.	337	South Dakota.
309	Mississippi.	338	Texas.
310	Missouri.	339	Utah.
311	Montana.	340	Washington.
312	Nebraska.	341	Wyoming.
313	North Carolina.		
314	North Dakota.		
315	Ohio.		
316	South Carolina.		
317	South Dakota.		
318	Texas.		
319	Utah.		
320	Washington.		
321	Wisconsin.		
322	Wyoming.		

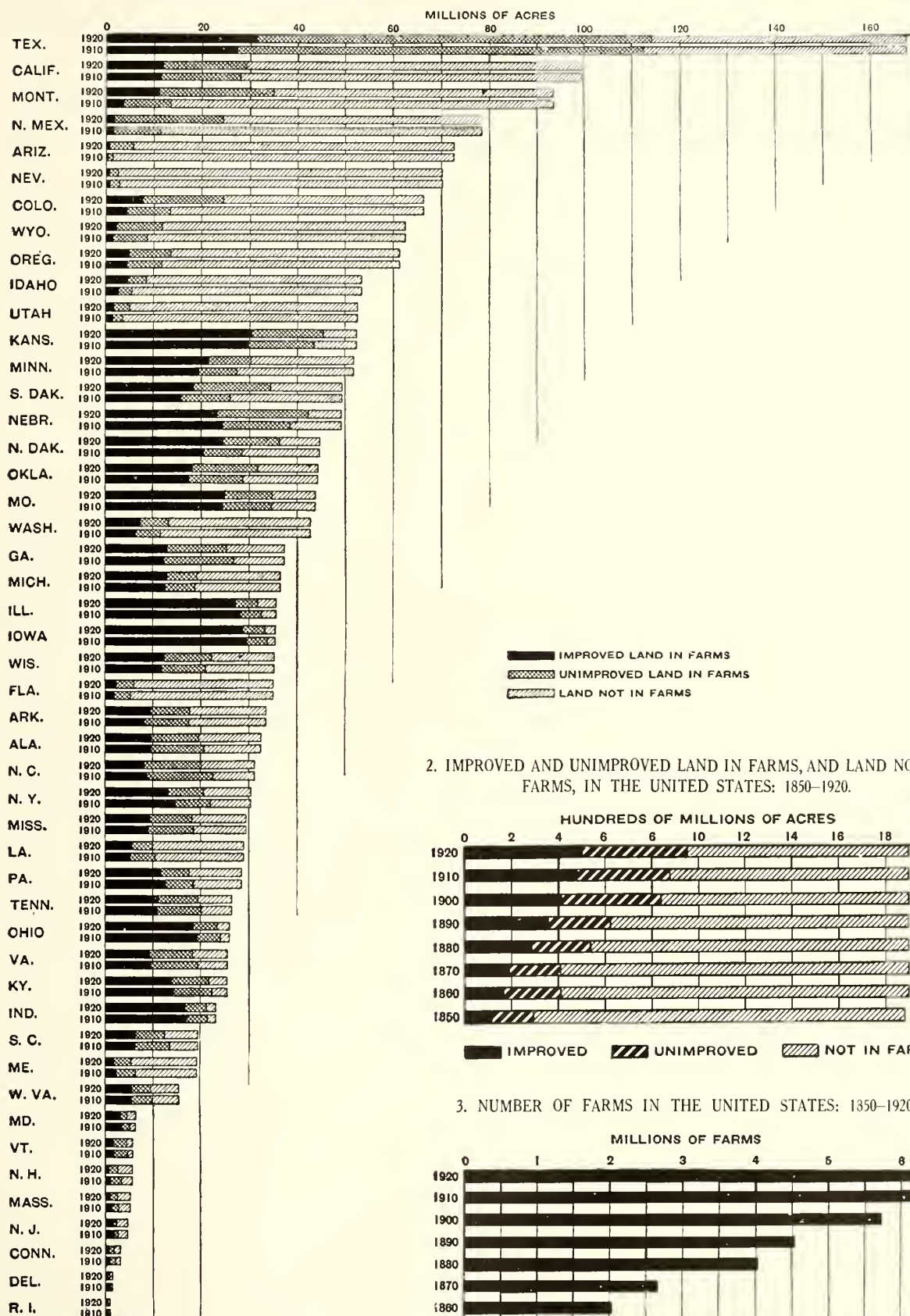
RELATIVE PROPORTION OF IMPROVED AND UNIMPROVED LAND AREA IN FARMS TO THE TOTAL LAND AREA  
OF THE UNITED STATES: 1850-1920.



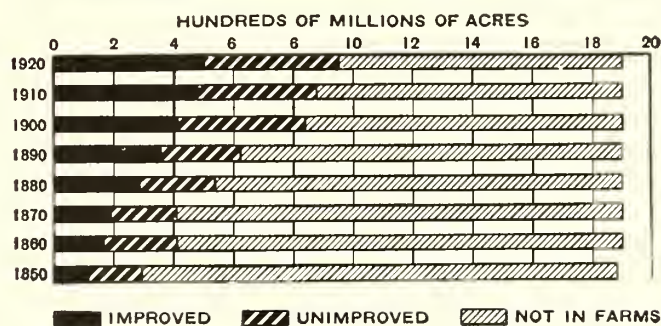




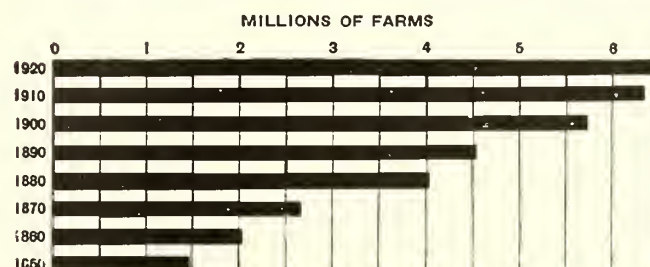
1. IMPROVED AND UNIMPROVED LAND IN FARMS, AND LAND NOT IN FARMS, BY STATES: 1920 AND 1910.



2. IMPROVED AND UNIMPROVED LAND IN FARMS, AND LAND NOT IN FARMS, IN THE UNITED STATES: 1850-1920.

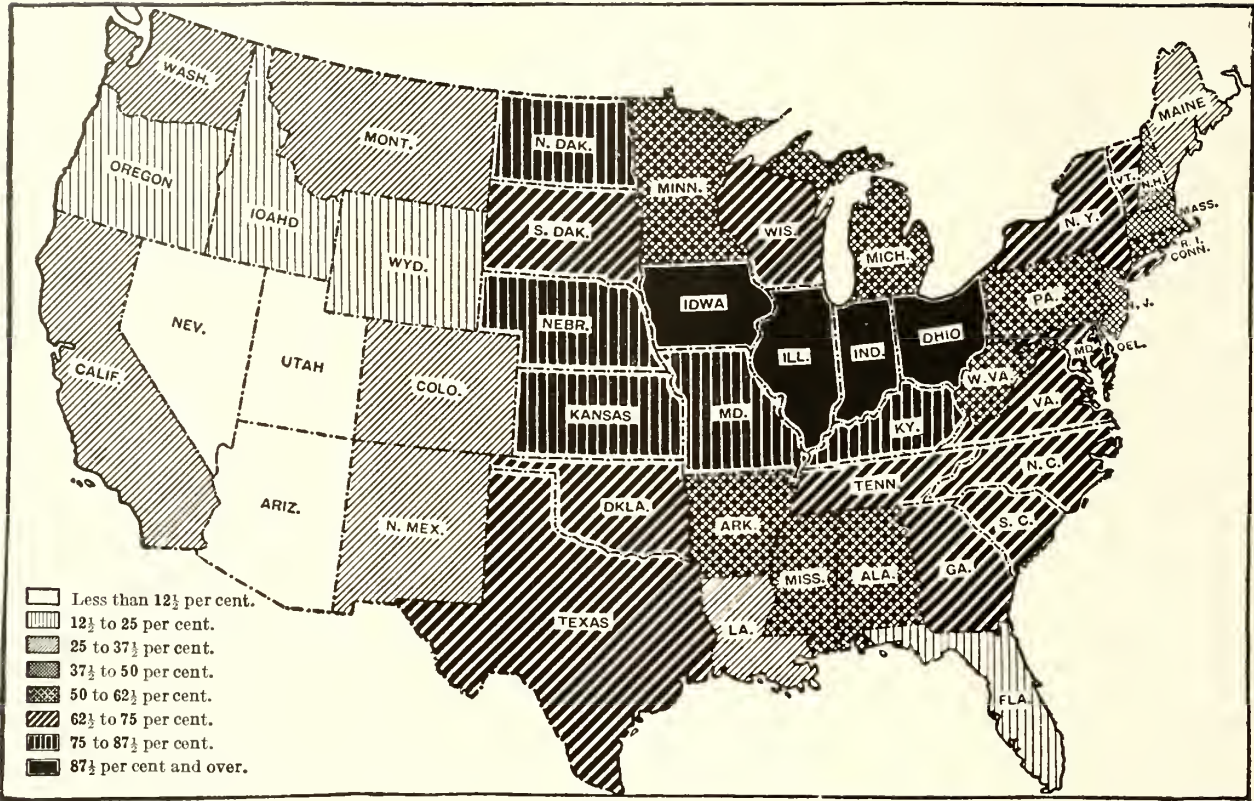


3. NUMBER OF FARMS IN THE UNITED STATES: 1850-1920.

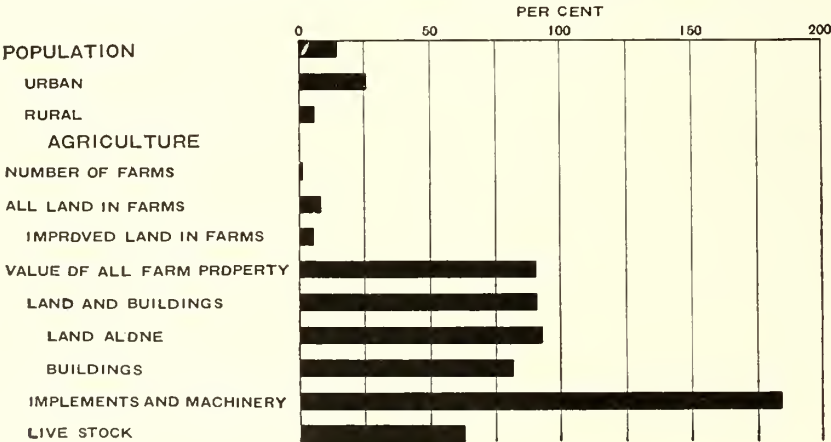




1. PER CENT OF TOTAL LAND AREA IN FARMS, BY STATES: 1920.



2. PER CENT OF INCREASE IN POPULATION AND AGRICULTURE: 1910-1920.

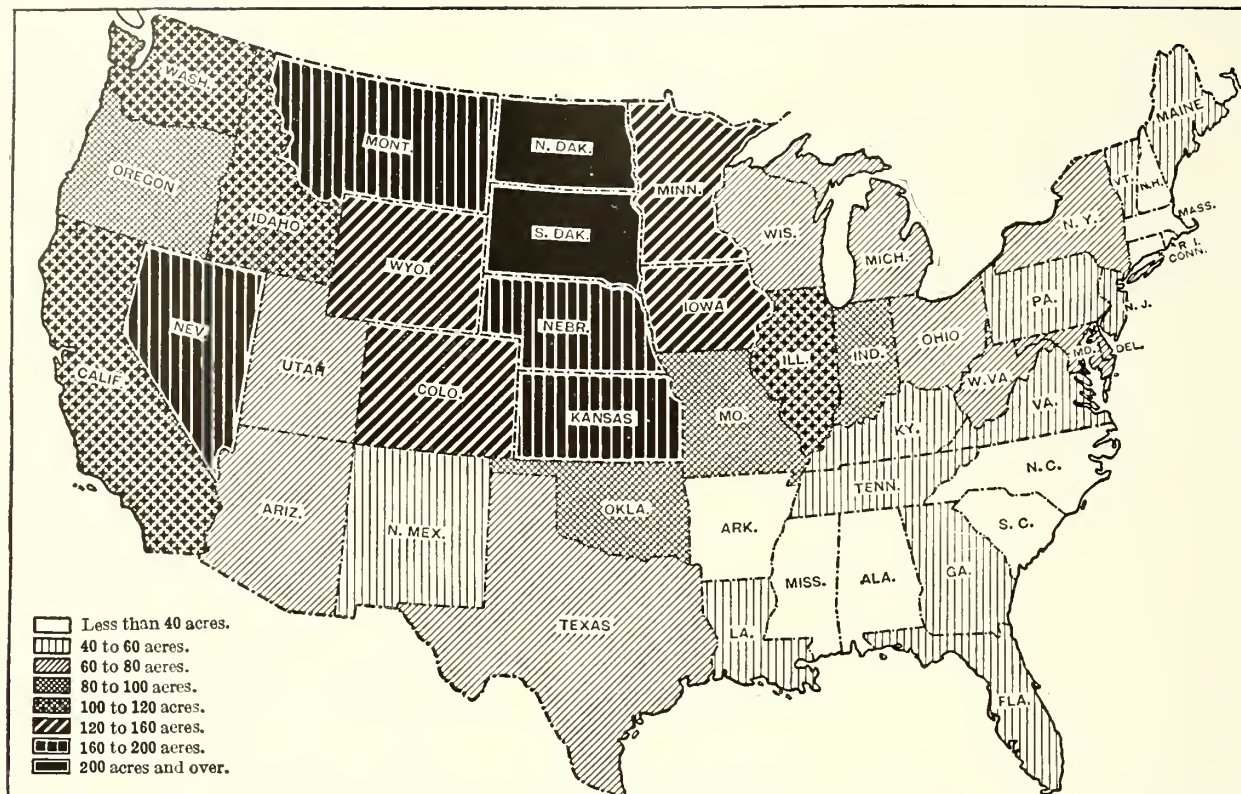




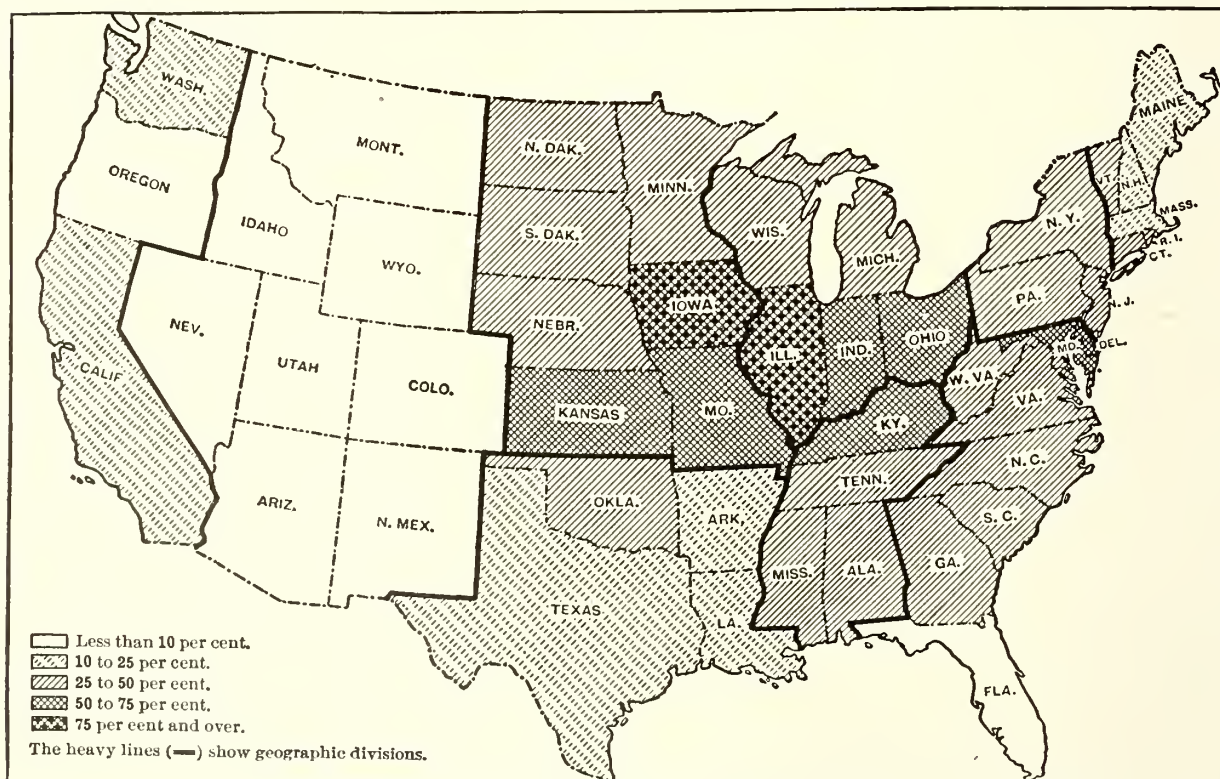


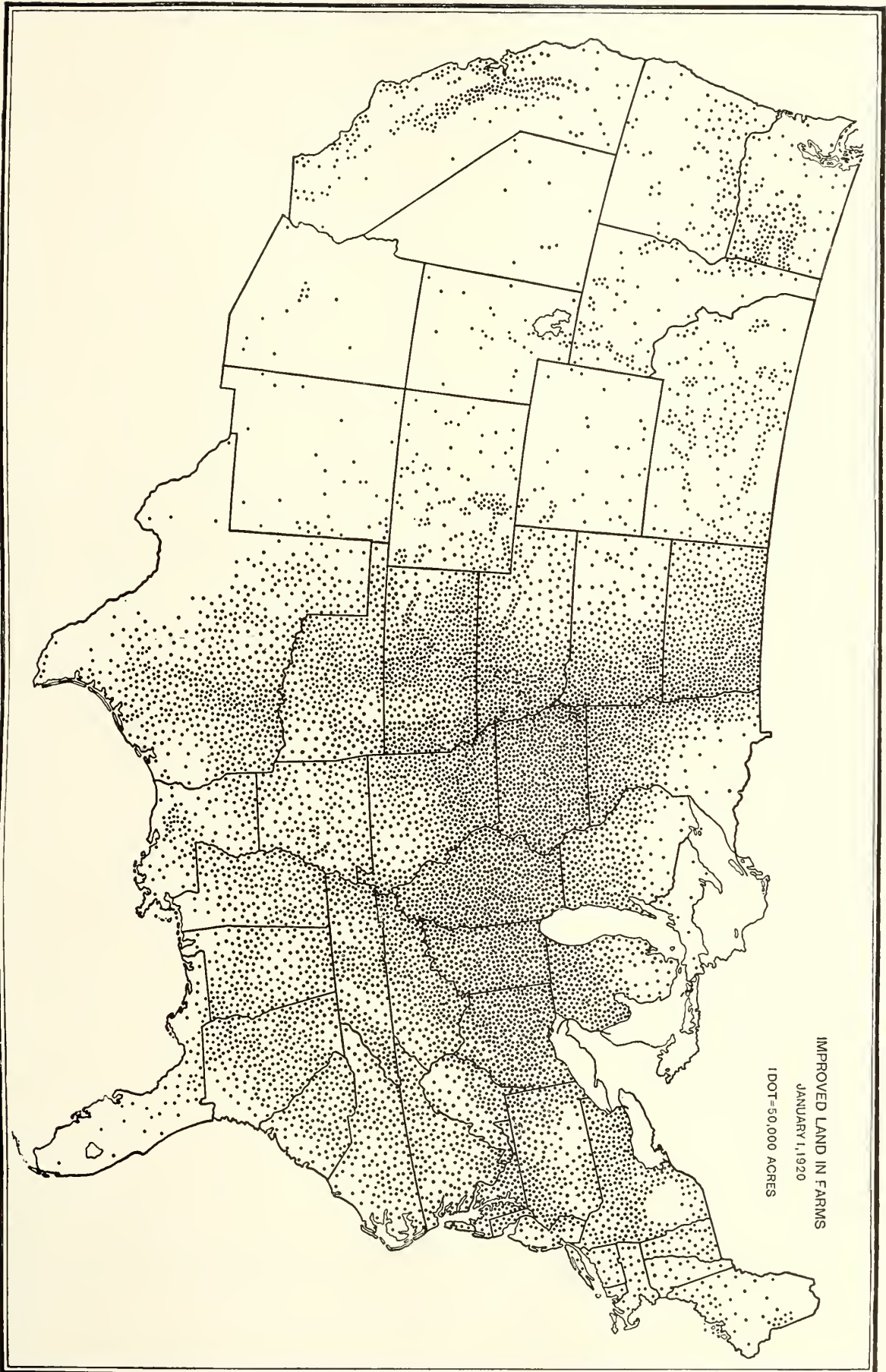


1. AVERAGE ACREAGE OF IMPROVED LAND PER FARM, BY STATES: 1920.



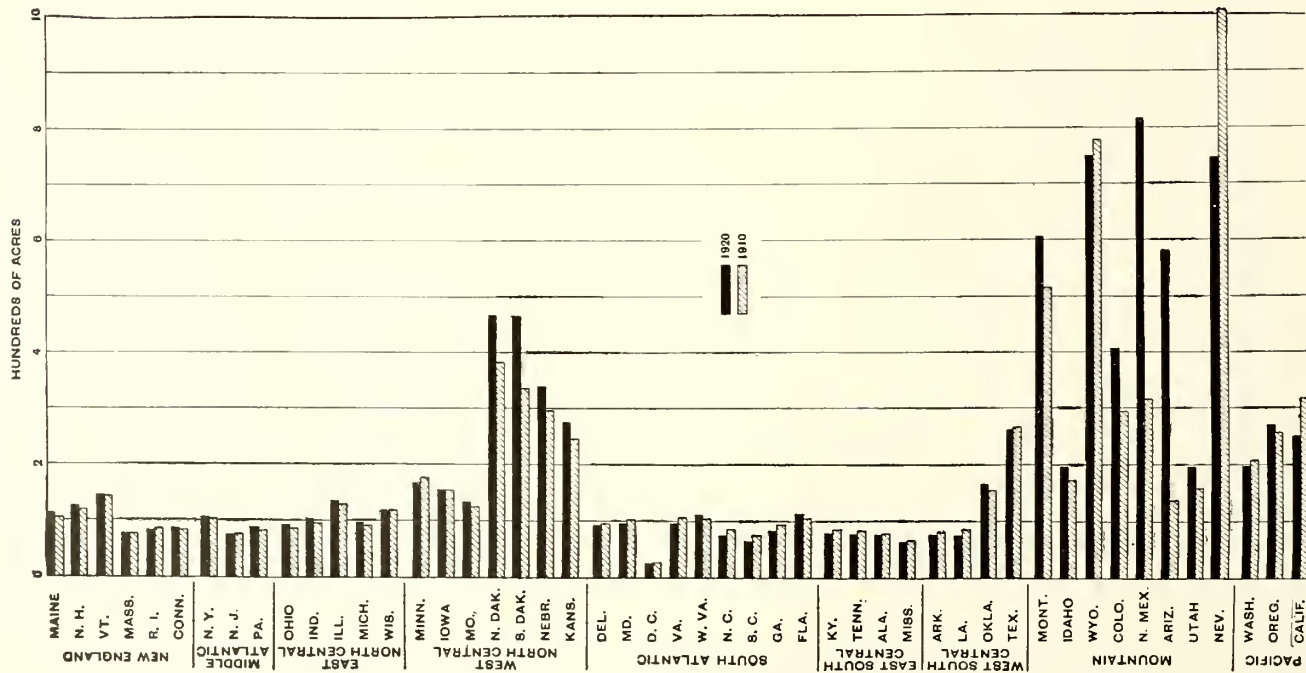
2. PROPORTION OF IMPROVED LAND IN FARMS TO TOTAL LAND AREA: 1910.



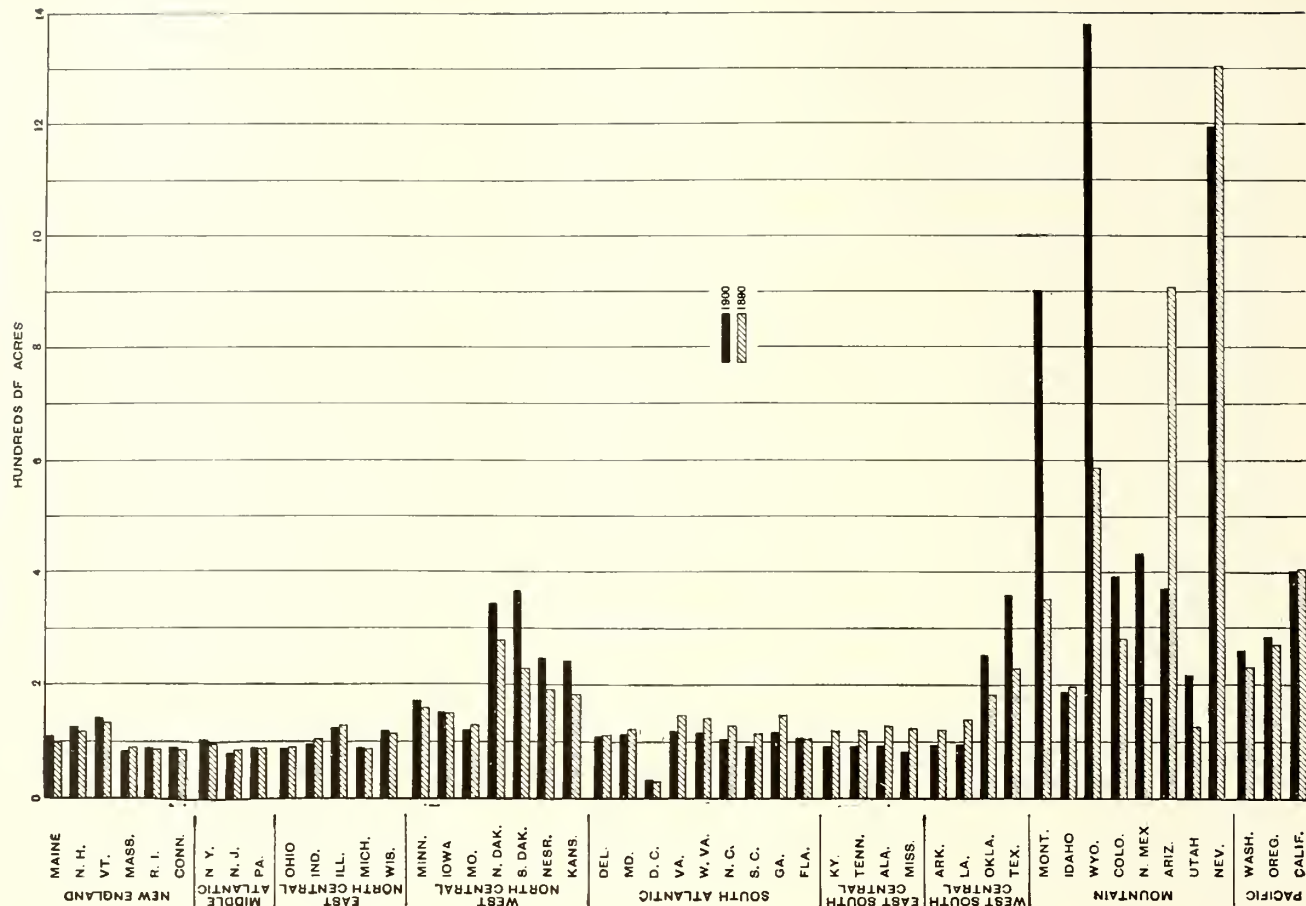




1. AVERAGE SIZE OF FARMS, BY STATES: 1920 AND 1910.

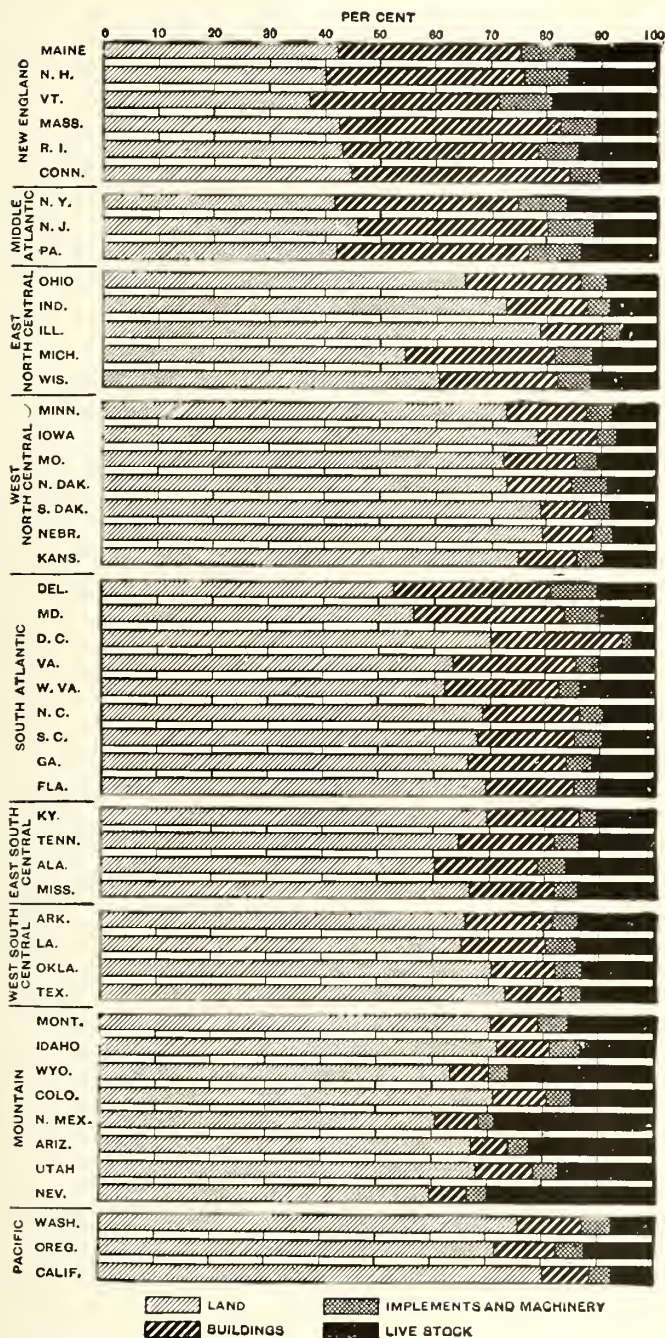


2. AVERAGE SIZE OF FARMS, BY STATES: 1900 AND 1890.

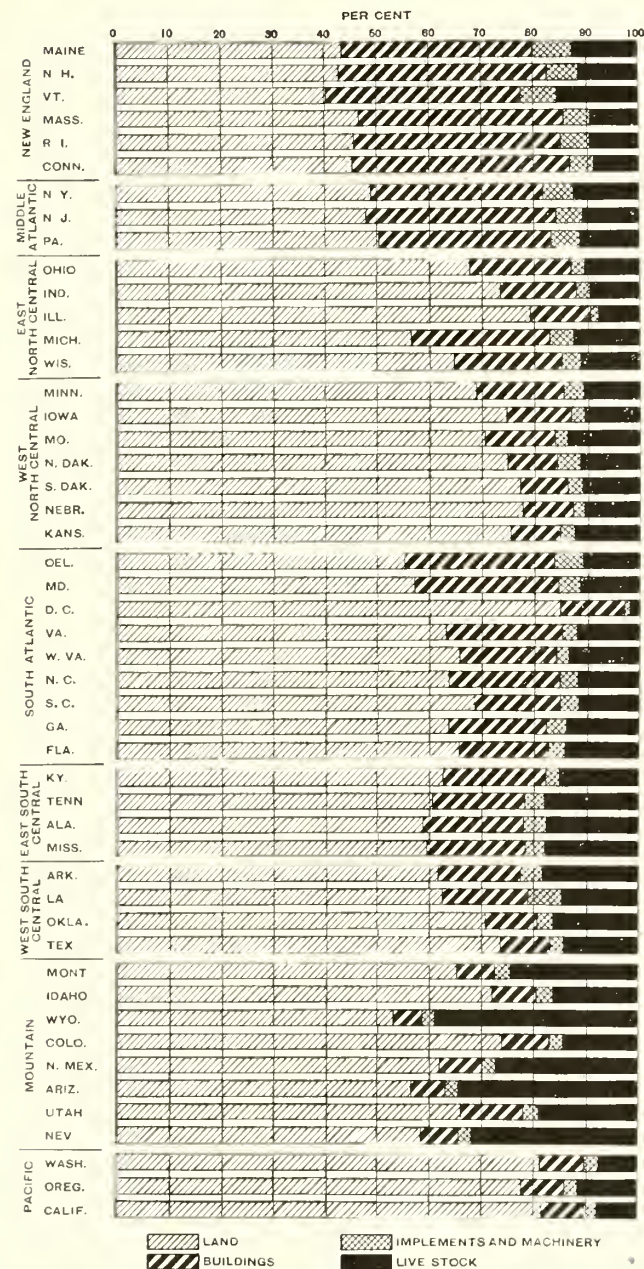




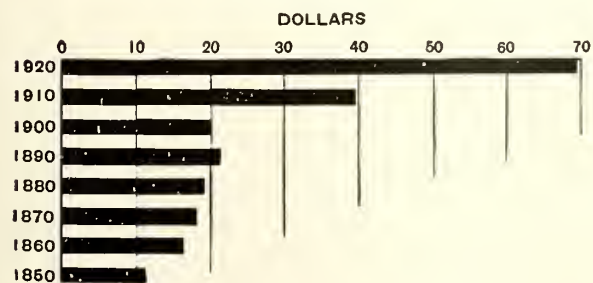
1. PER CENT OF VALUE OF ALL FARM PROPERTY REPRESENTED BY EACH CLASS OF PROPERTY, BY STATES: 1920.



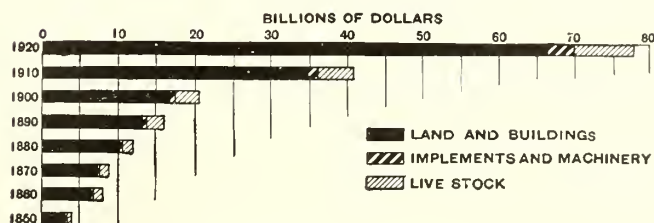
2. PER CENT OF VALUE OF ALL FARM PROPERTY REPRESENTED BY EACH CLASS OF PROPERTY, BY STATES: 1910.



3. AVERAGE VALUE OF FARM LAND AND BUILDINGS PER ACRE: 1850-1920.



4. VALUE OF FARM PROPERTY, BY CLASSES: 1850-1920.

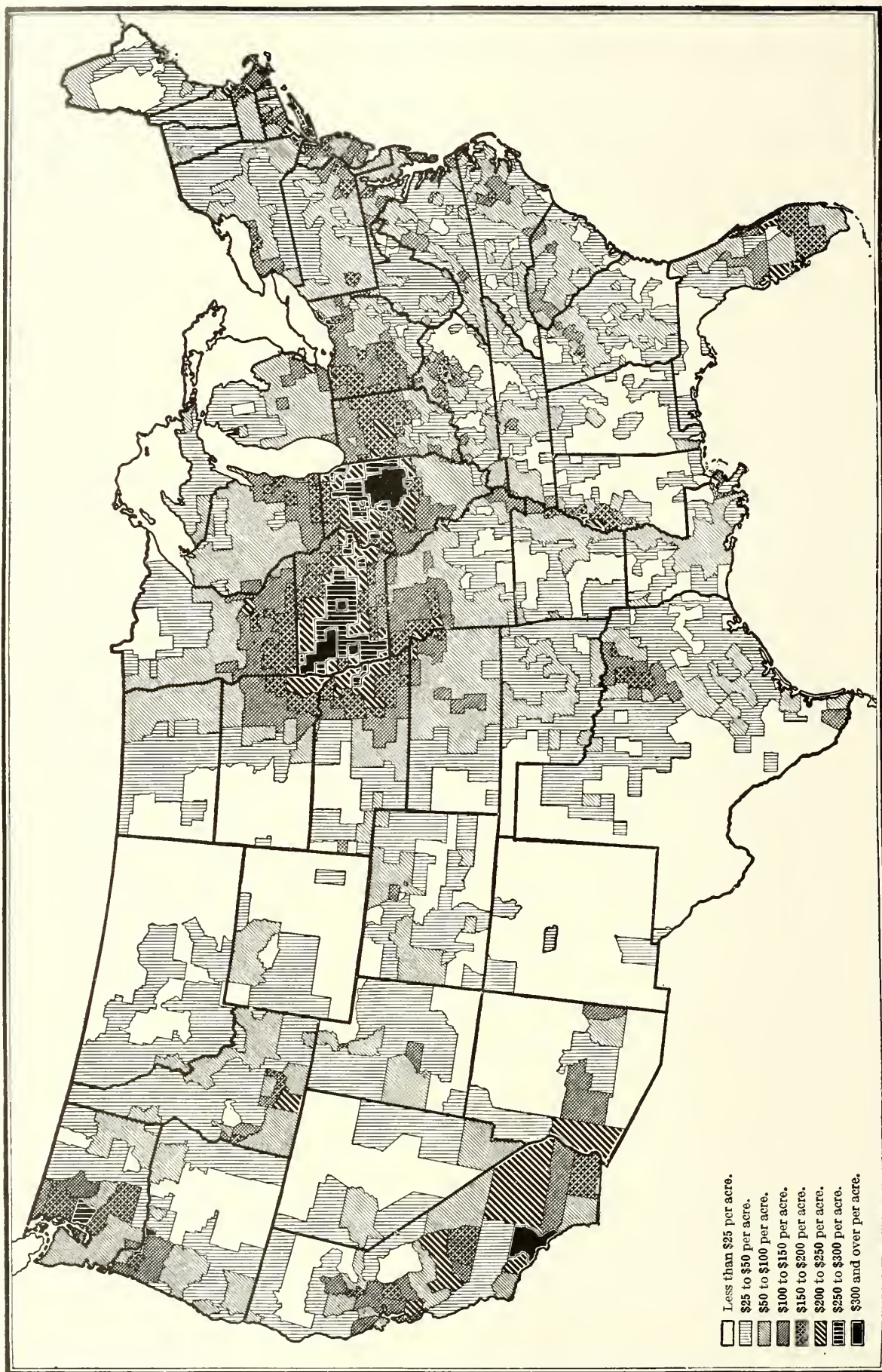




# AVERAGE VALUE OF FARM LAND AND BUILDINGS PER ACRE, BY COUNTIES: 1920.

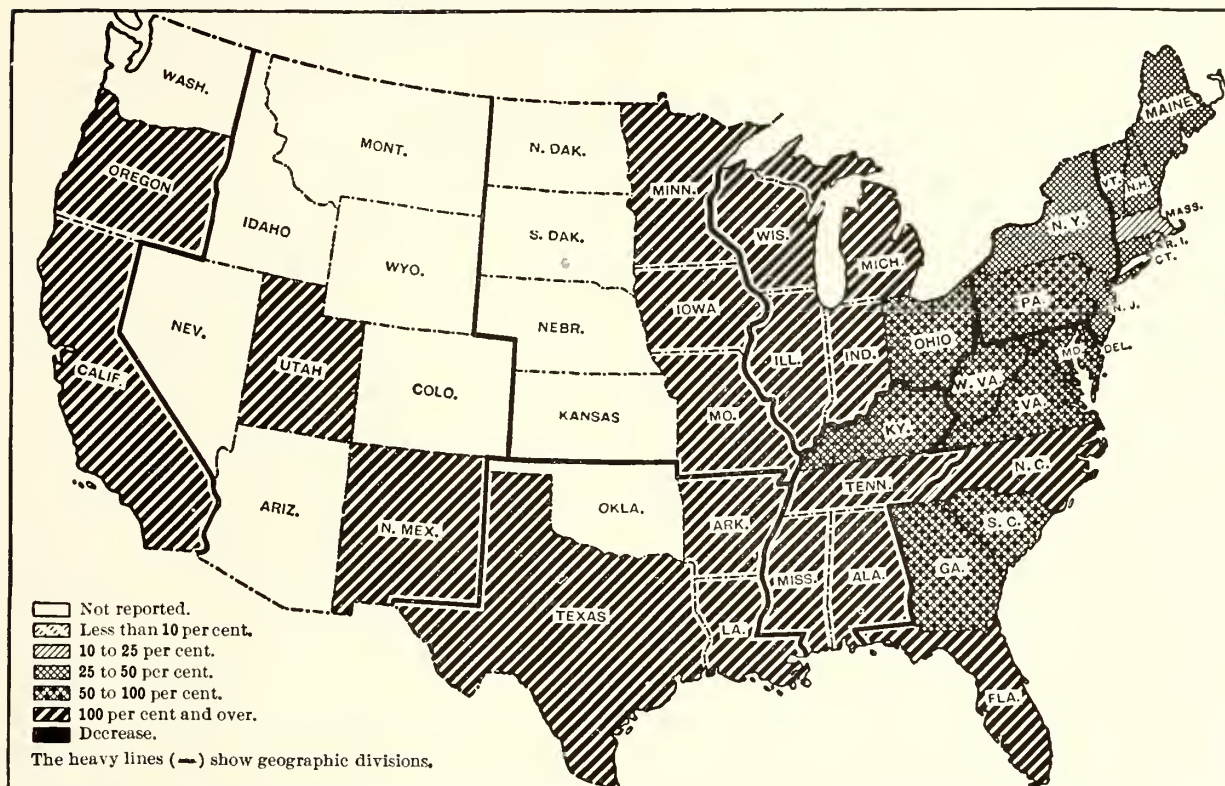
[AVERAGE FOR THE UNITED STATES, \$69.38.]

NOTE.—The averages are based on figures relating to the area in farms alone, the county as a whole being shaded in accordance with the average value of the farms (land and buildings) per acre, even though only a small part of the county is occupied by farm land.

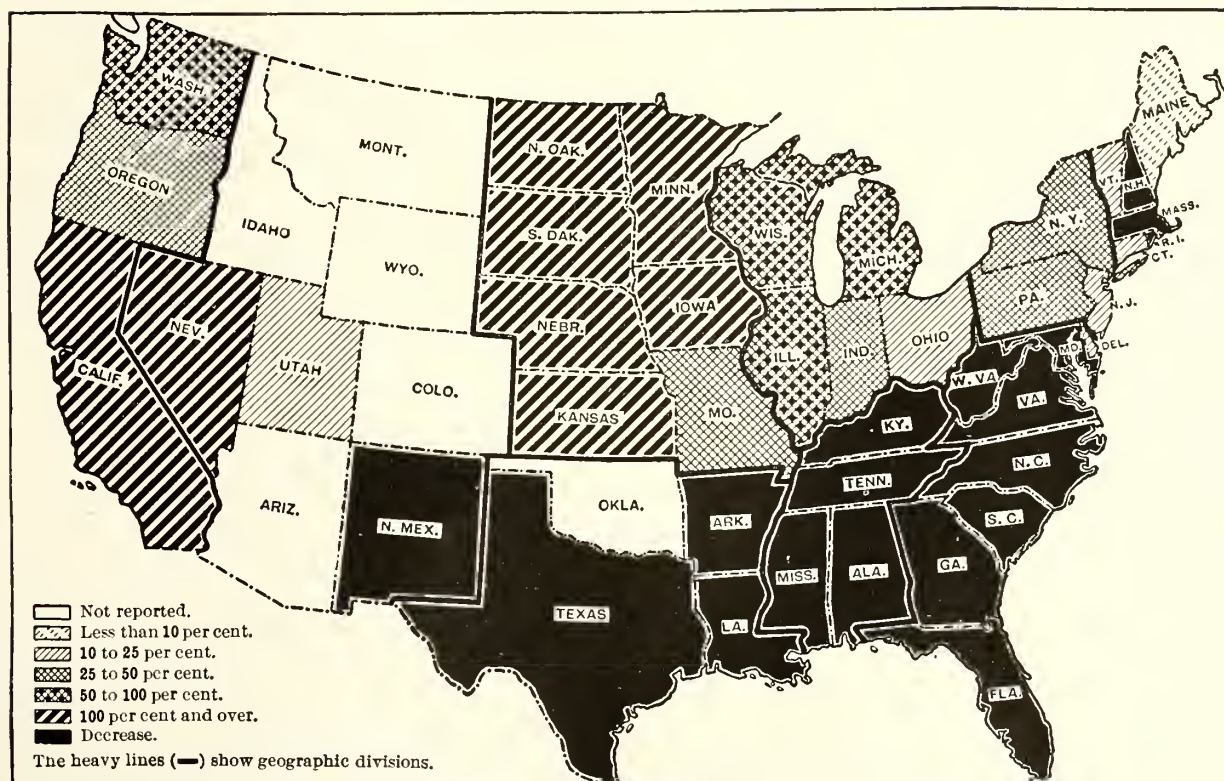




1. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1850-1860.

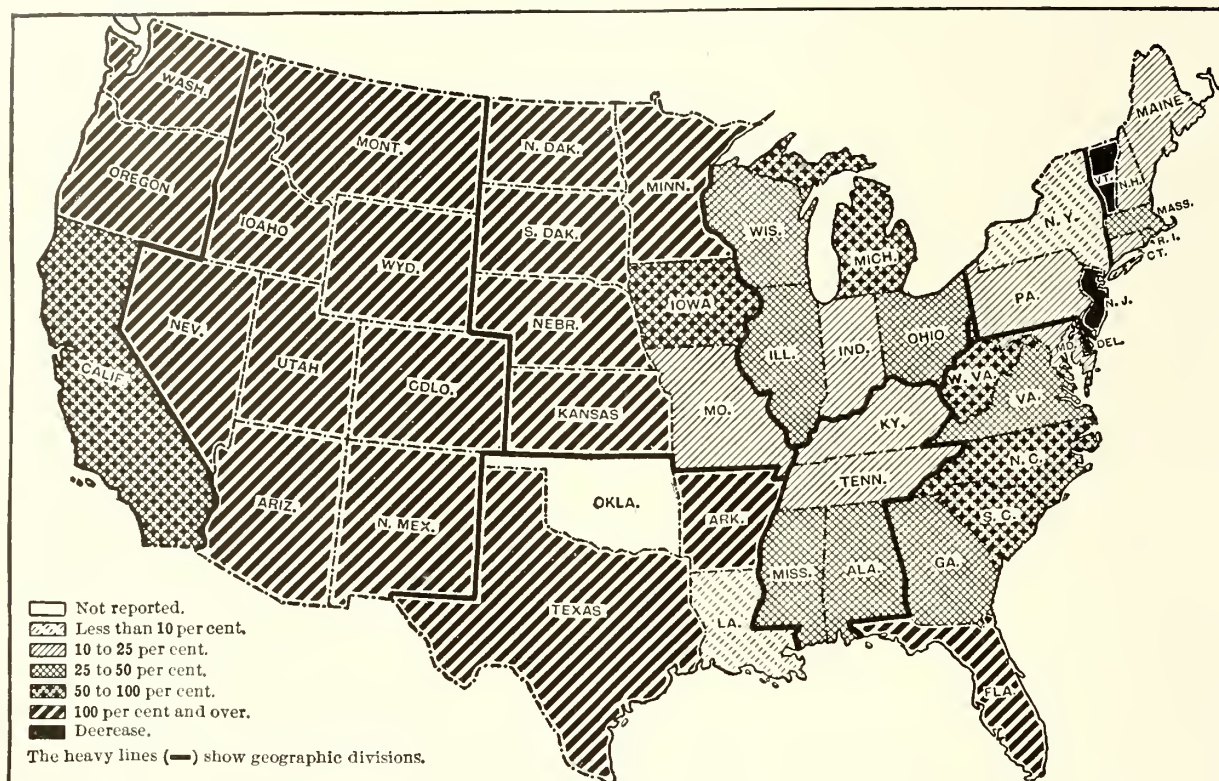


## 2. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1860-1870.

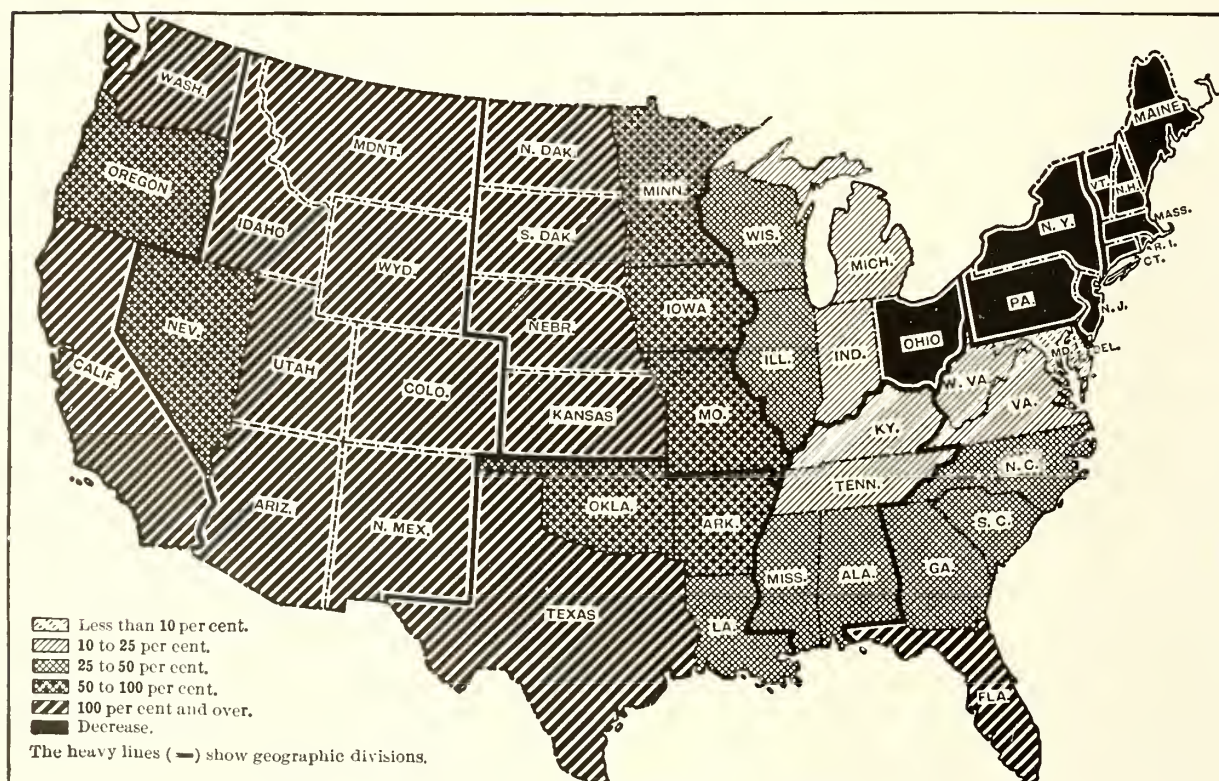




1. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1870-1880.

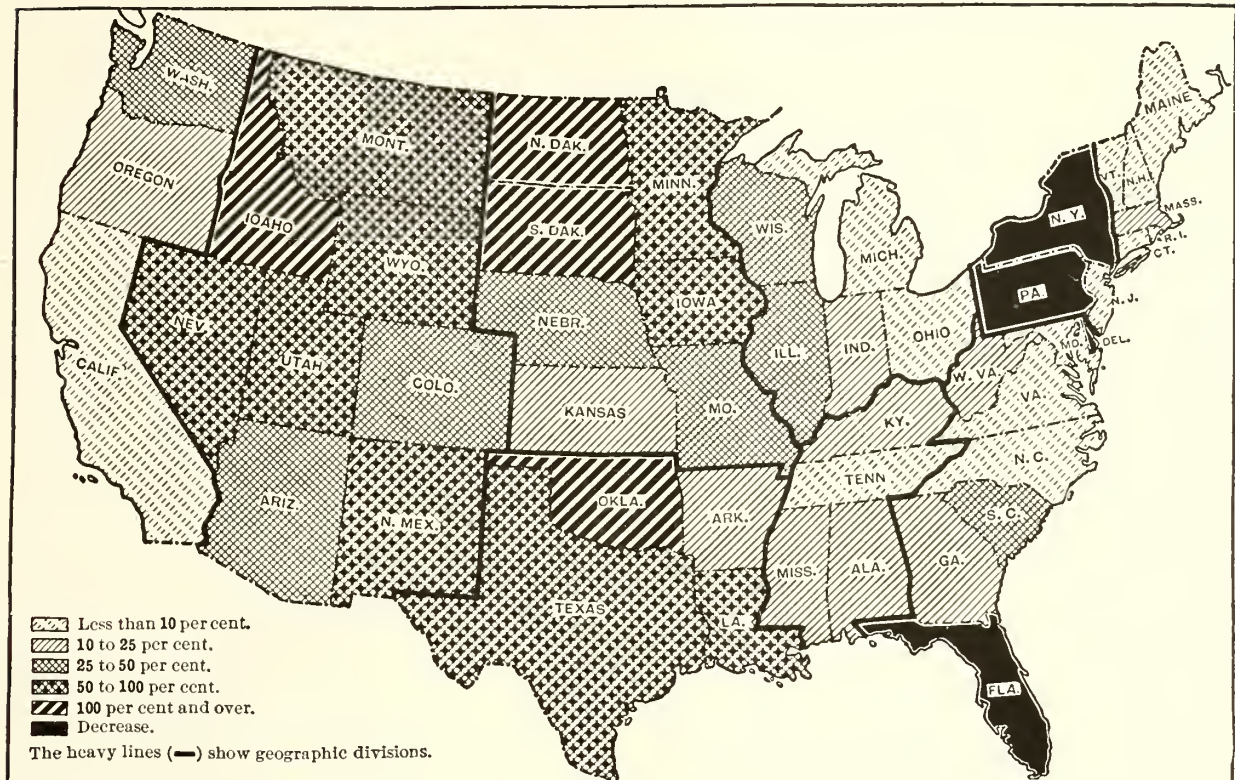


2. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1880-1890.

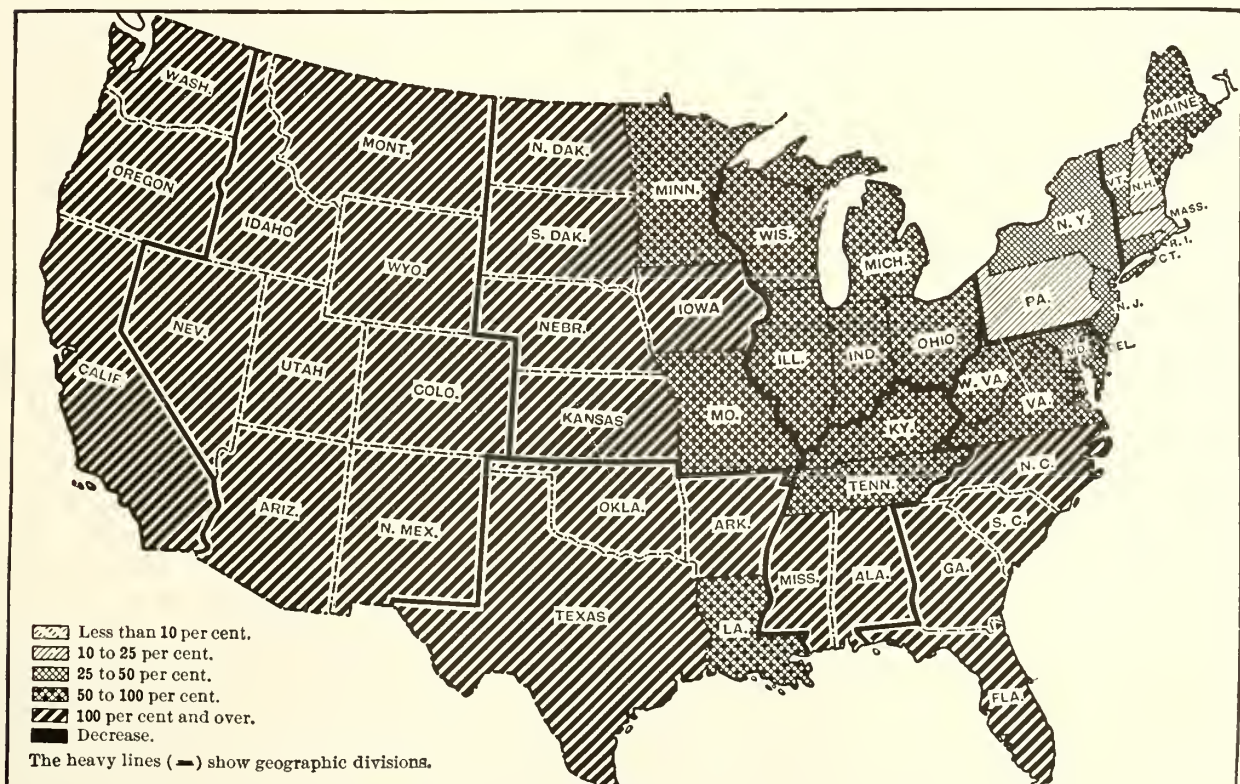




## 1. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1890-1900.

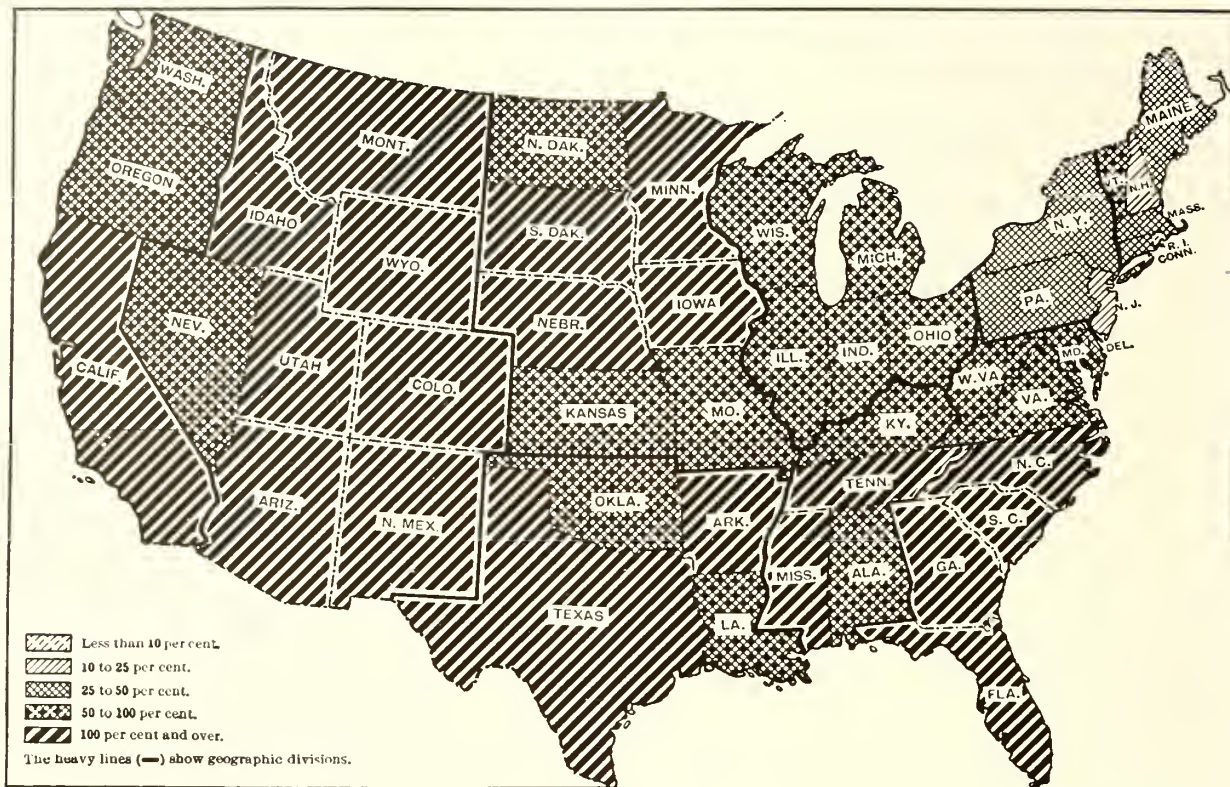


## 2. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1900-1910.

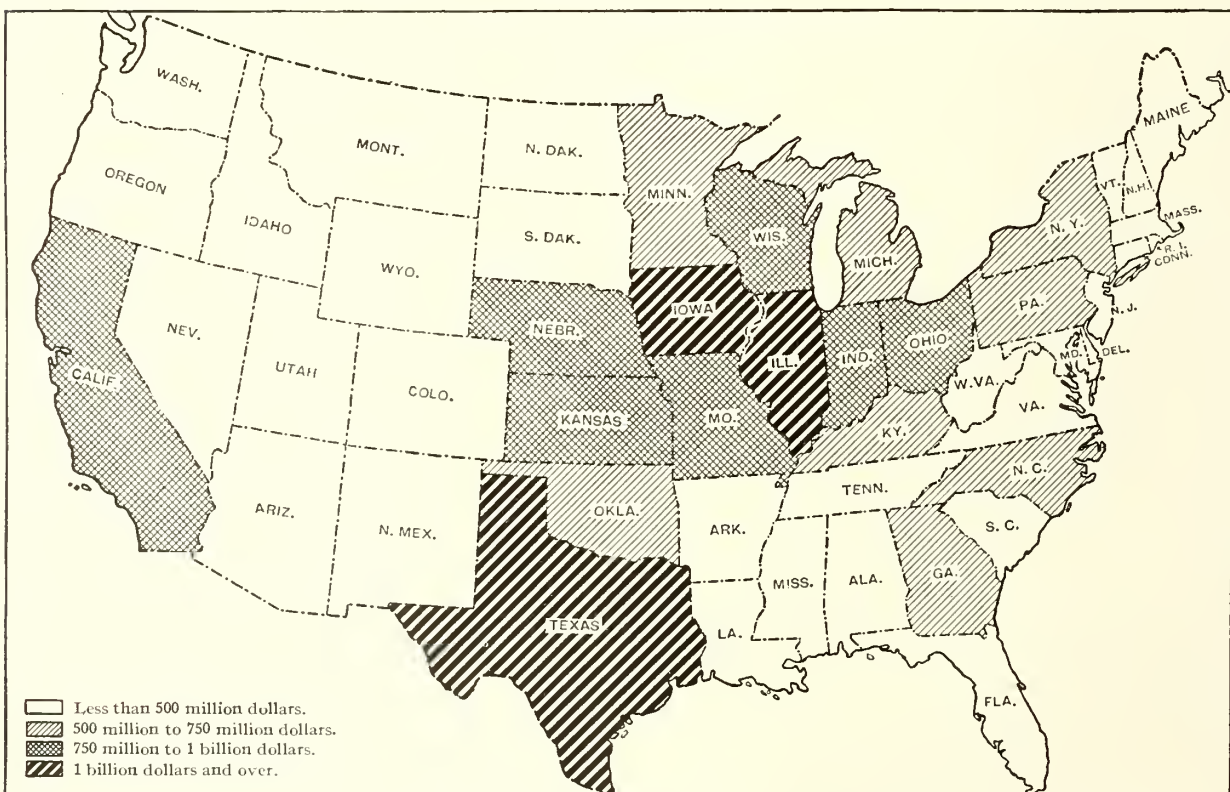




1. PER CENT OF INCREASE IN VALUE OF ALL FARM PROPERTY, BY STATES: 1910-1920.

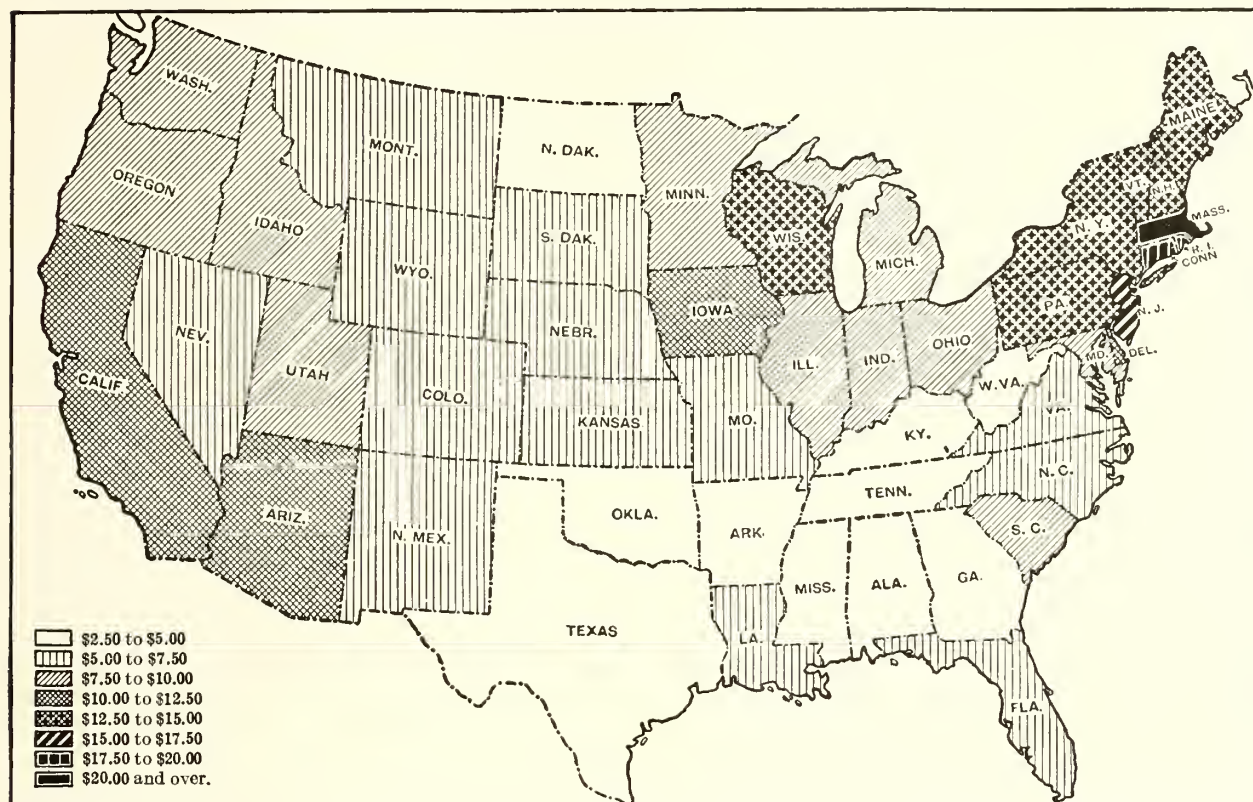


2. VALUE OF AGRICULTURAL PRODUCTS, BY STATES: 1920.

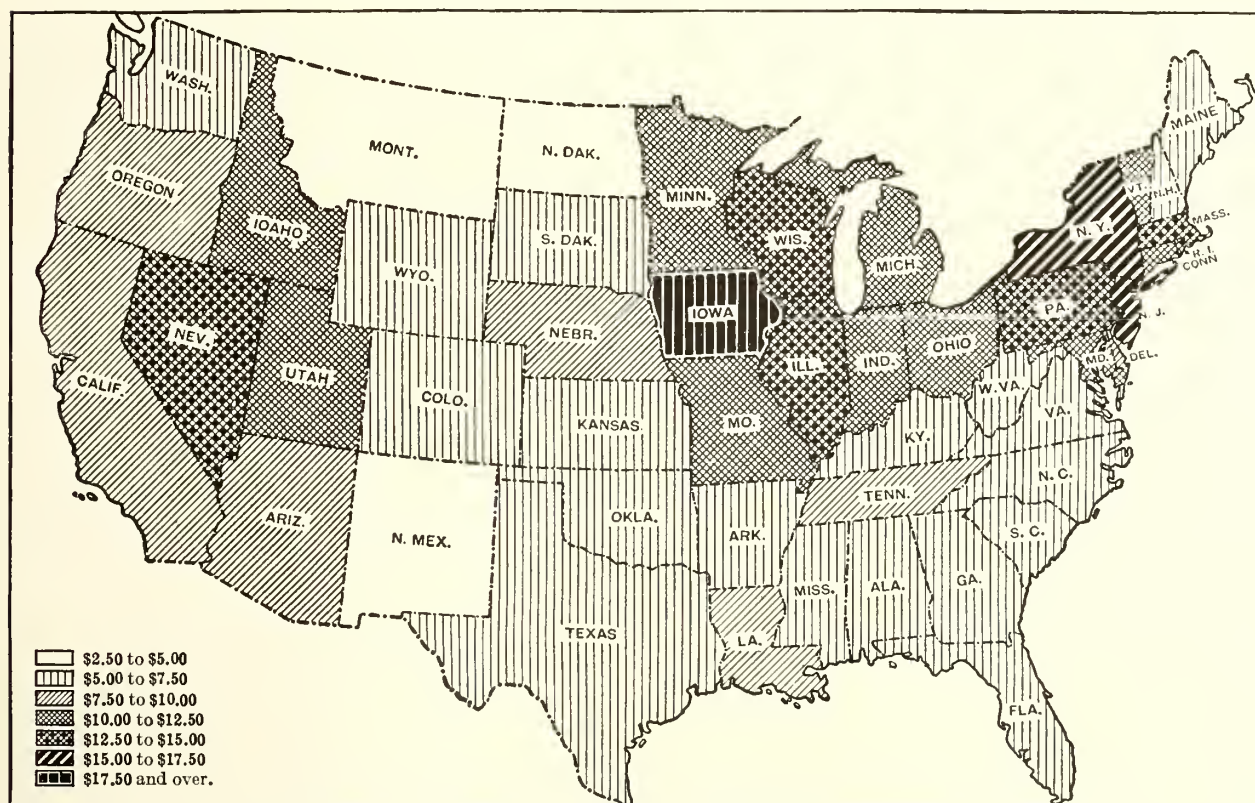




## 1. VALUE OF IMPLEMENTS AND MACHINERY PER ACRE OF IMPROVED LAND IN FARMS, BY STATES: 1920.

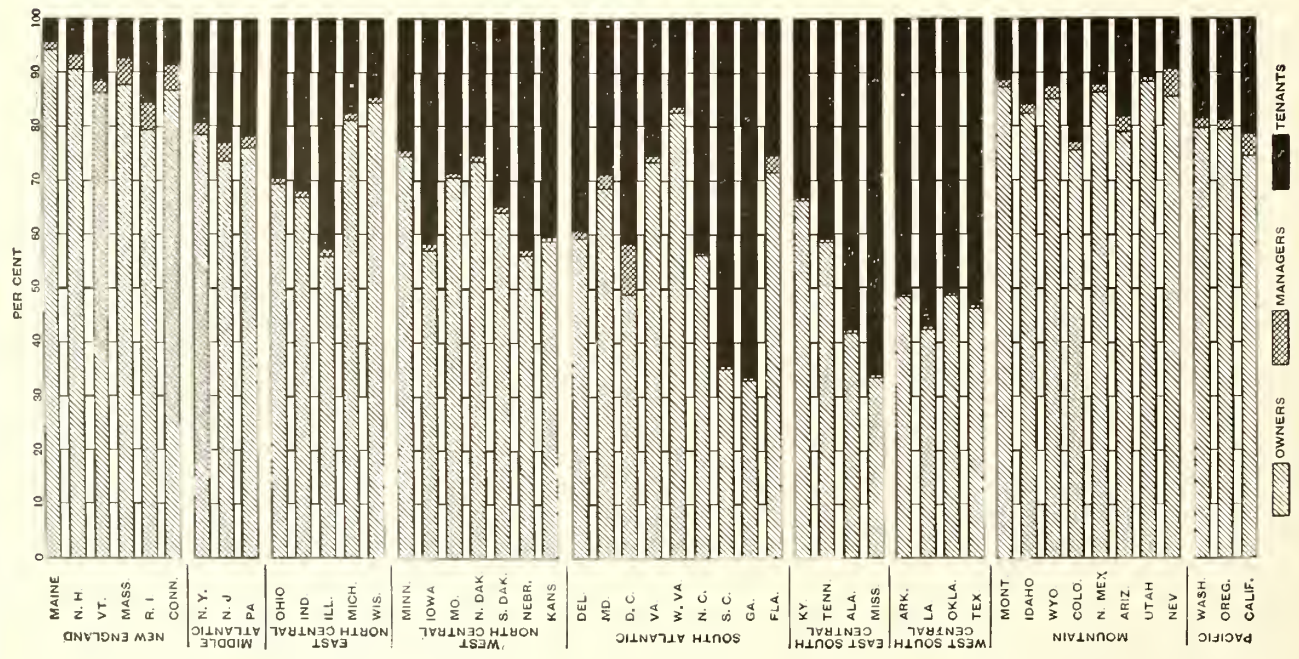


## 2. VALUE OF LIVE STOCK PER ACRE OF ALL LAND IN FARMS, BY STATES: 1920.

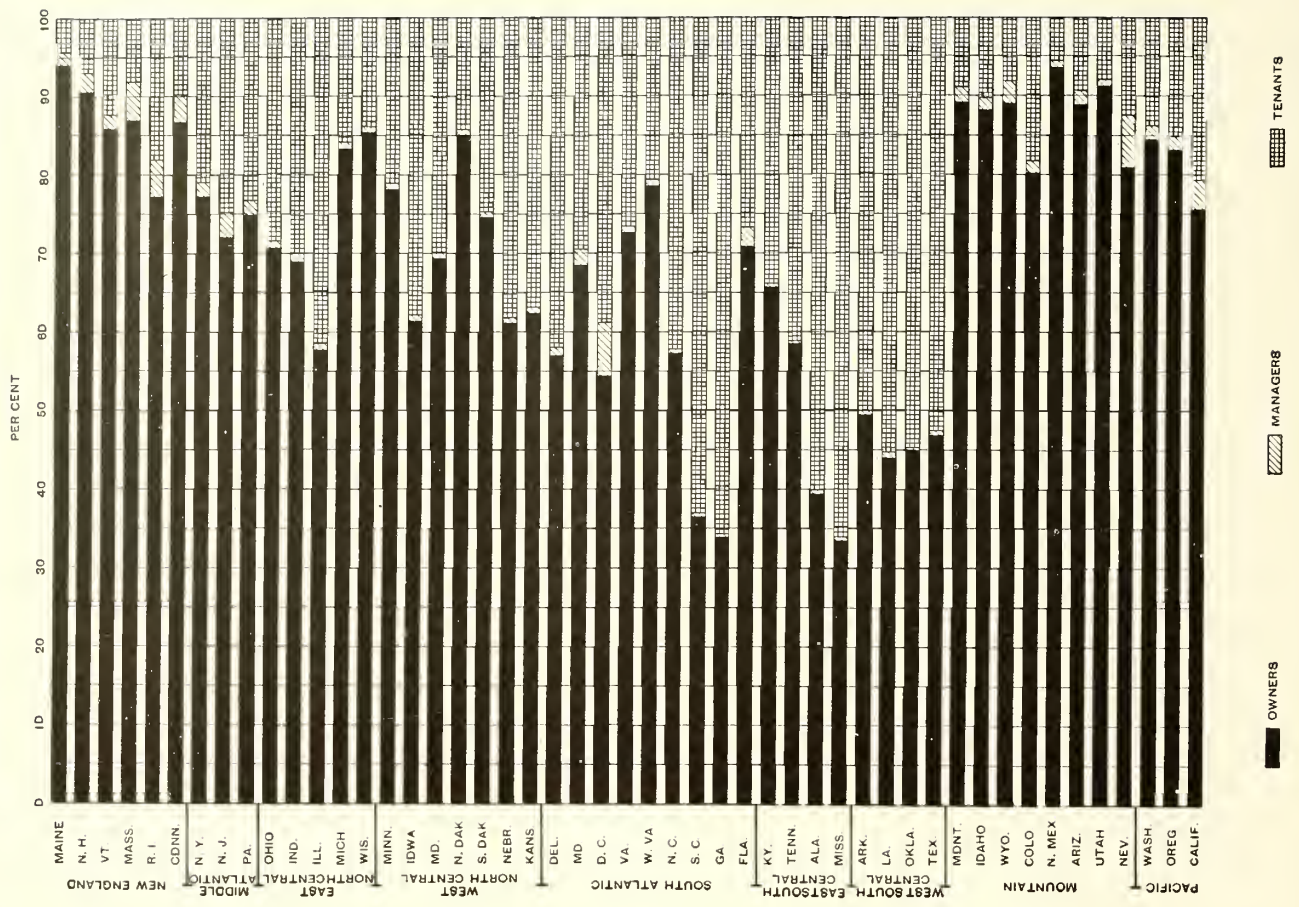




1. NUMBER OF FARMS—PER CENT DISTRIBUTION BY TENURE, BY STATES: 1920.

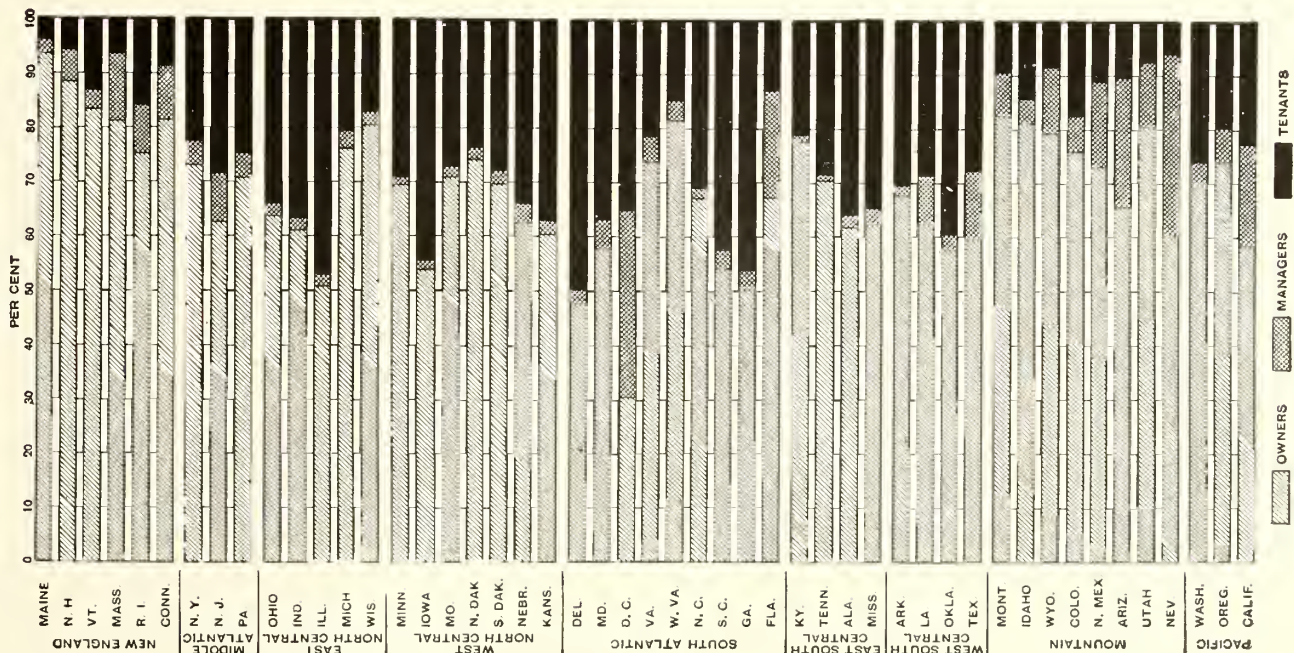


2. NUMBER OF FARMS—PER CENT DISTRIBUTION BY TENURE, BY STATES: 1910.

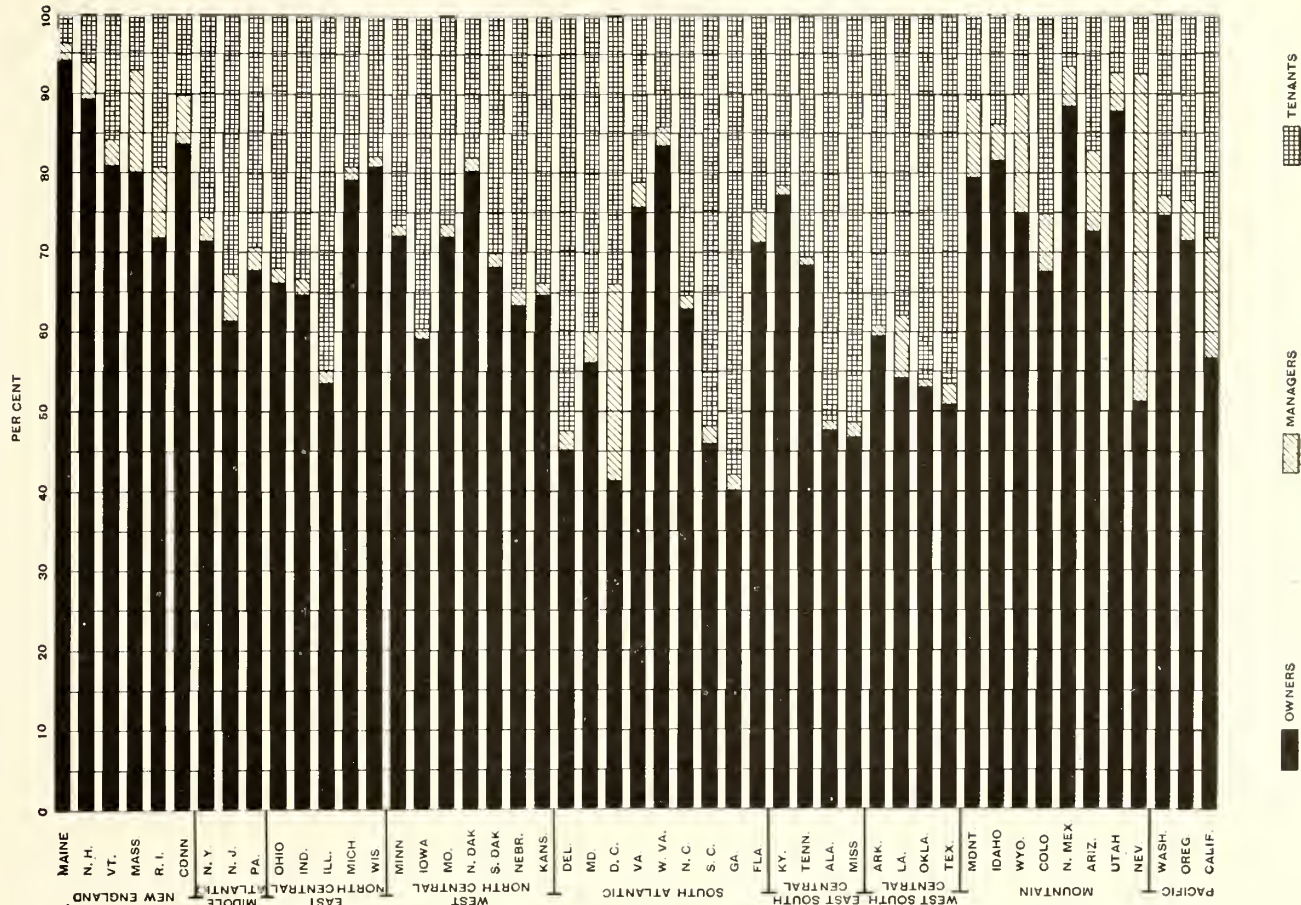




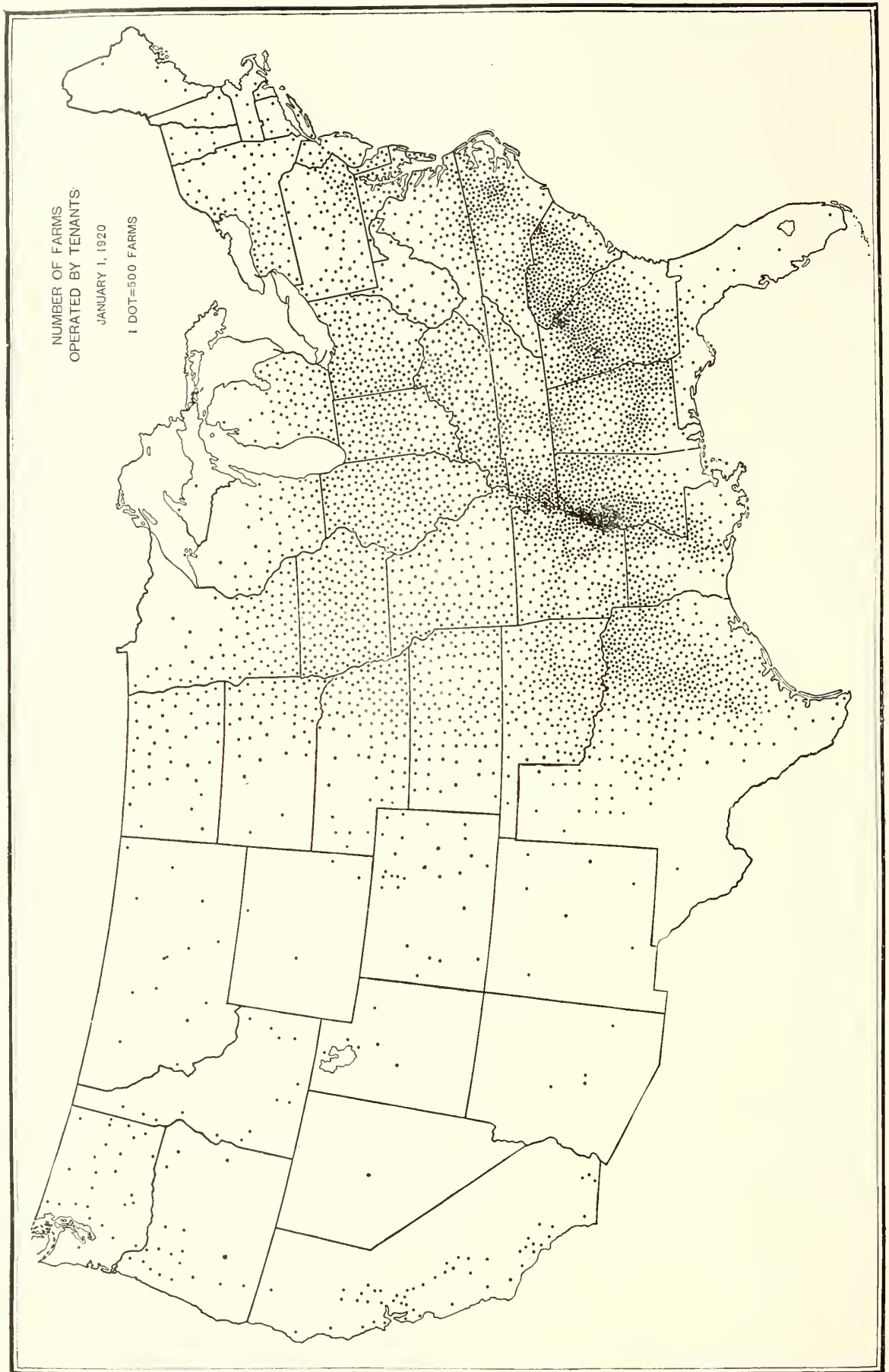
1. ALL FARM LAND—PER CENT DISTRIBUTION BY TENURE, BY STATES: 1920.



2. ALL FARM LAND—PER CENT DISTRIBUTION BY TENURE, BY STATES: 1910.

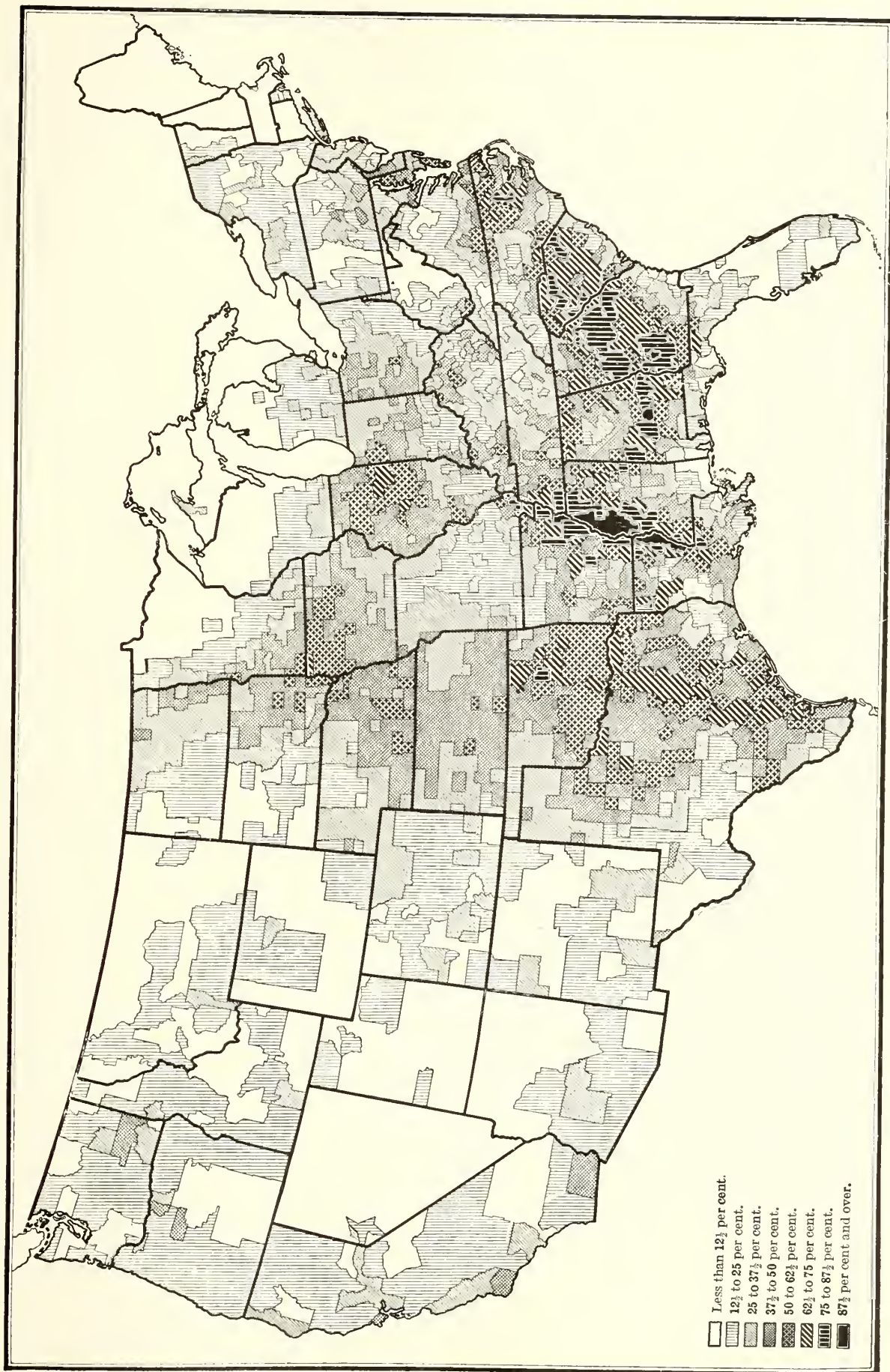






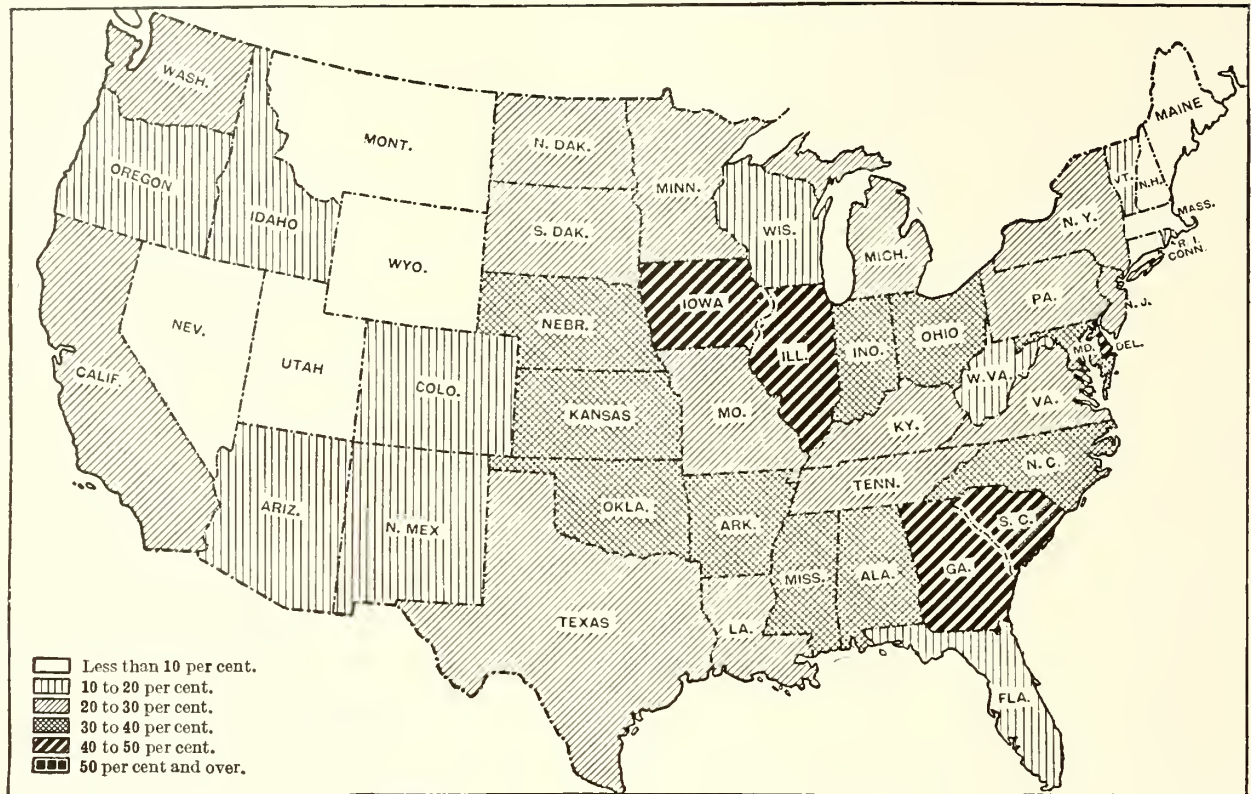
# PER CENT OF ALL FARMS OPERATED BY TENANTS, BY COUNTIES: 1920.

[PER CENT FOR THE UNITED STATES, 38.1.]

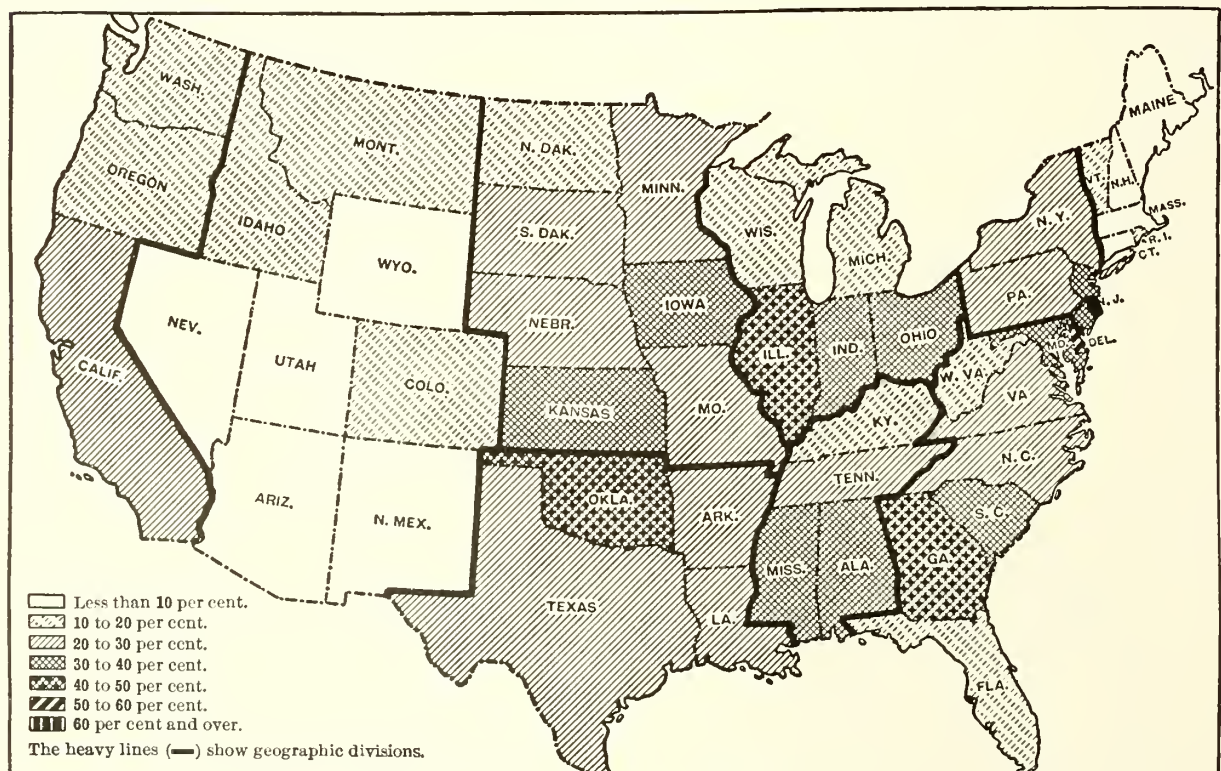




1. PER CENT OF ALL FARM LAND OPERATED BY TENANTS, BY STATES: 1920.

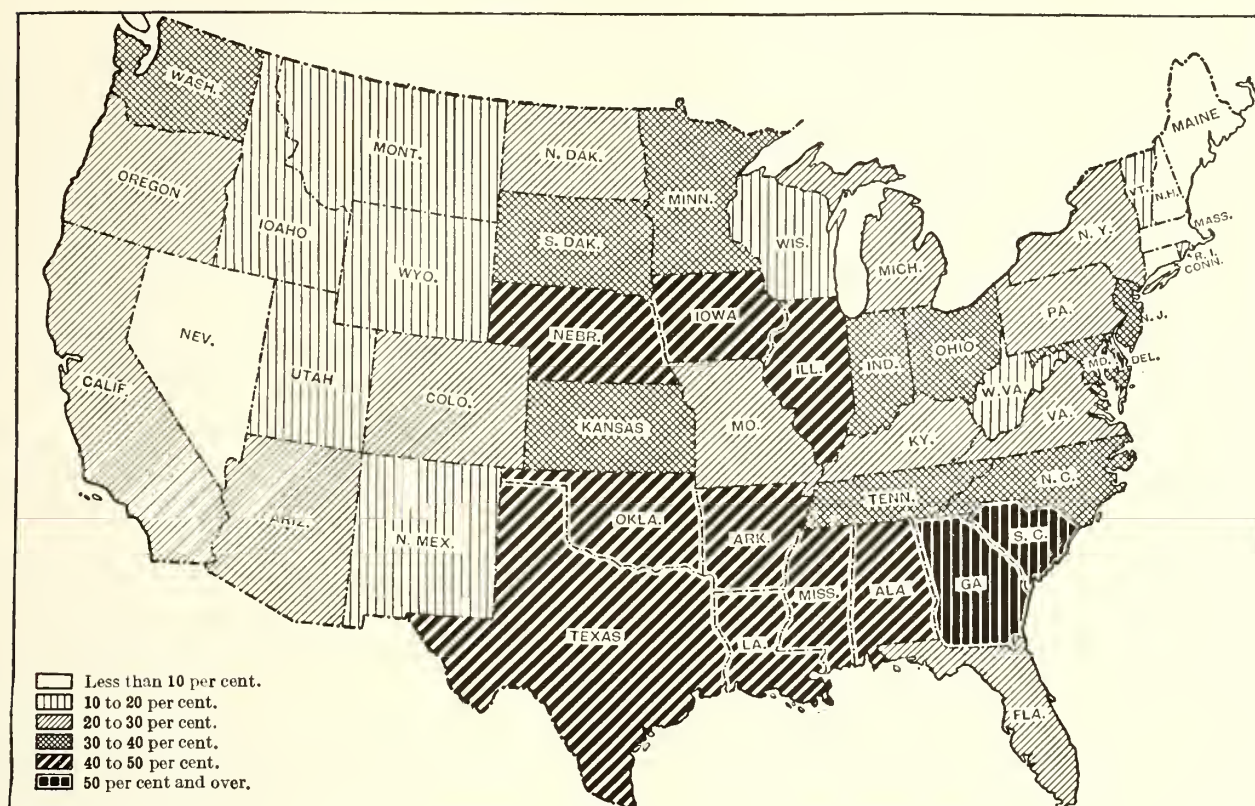


## 2. PER CENT OF ALL FARM LAND OPERATED BY TENANTS, BY STATES: 1910.

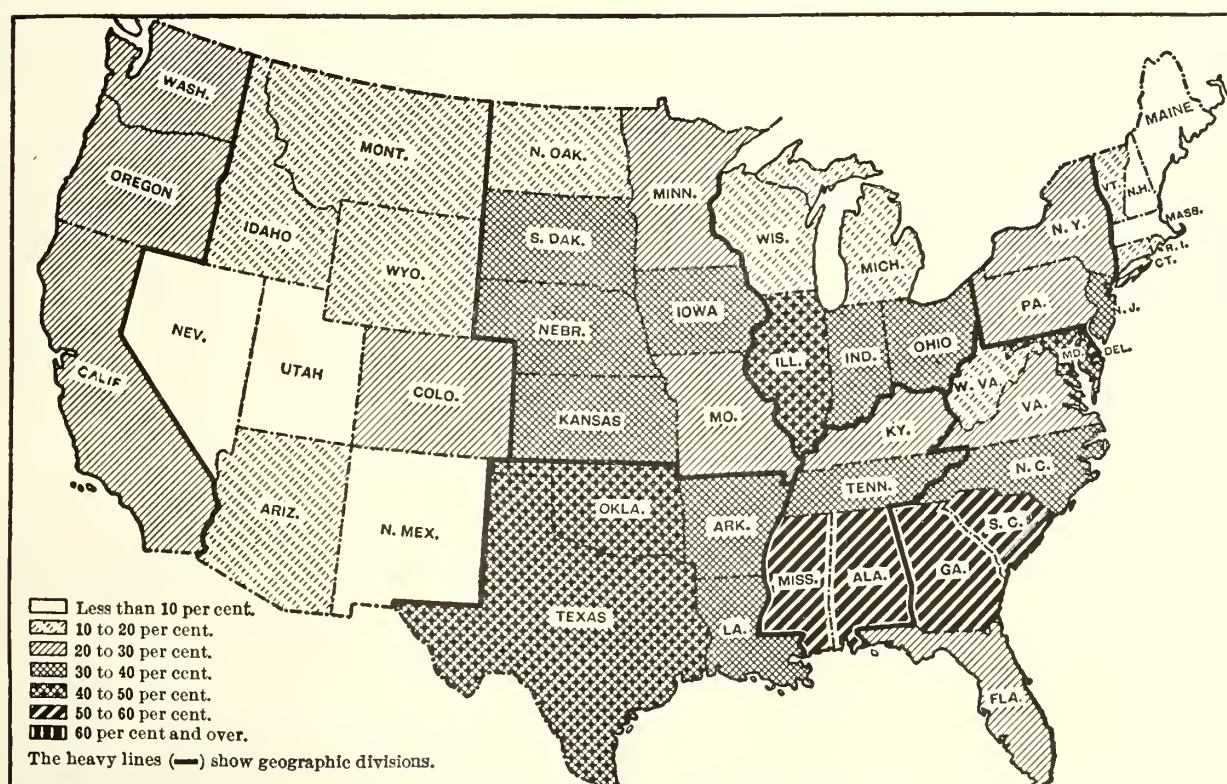




1. PER CENT OF IMPROVED FARM LAND OPERATED BY TENANTS, BY STATES: 1920.

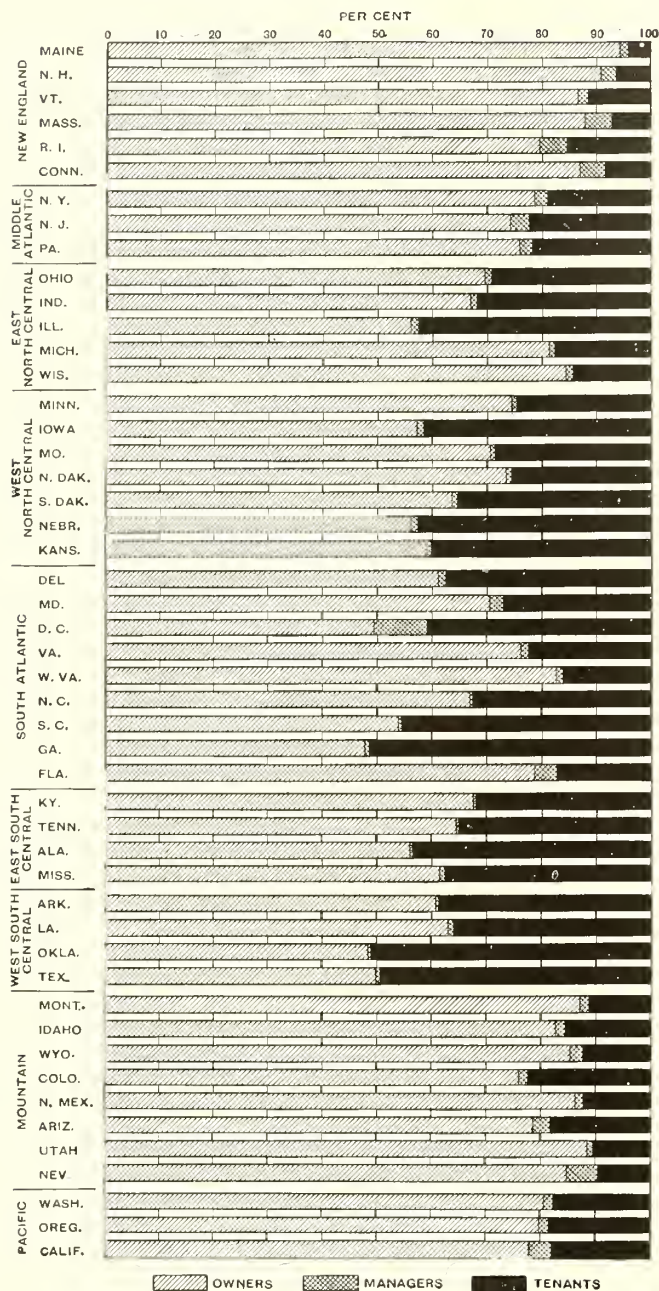


2. PER CENT OF IMPROVED FARM LAND OPERATED BY TENANTS, BY STATES: 1910.

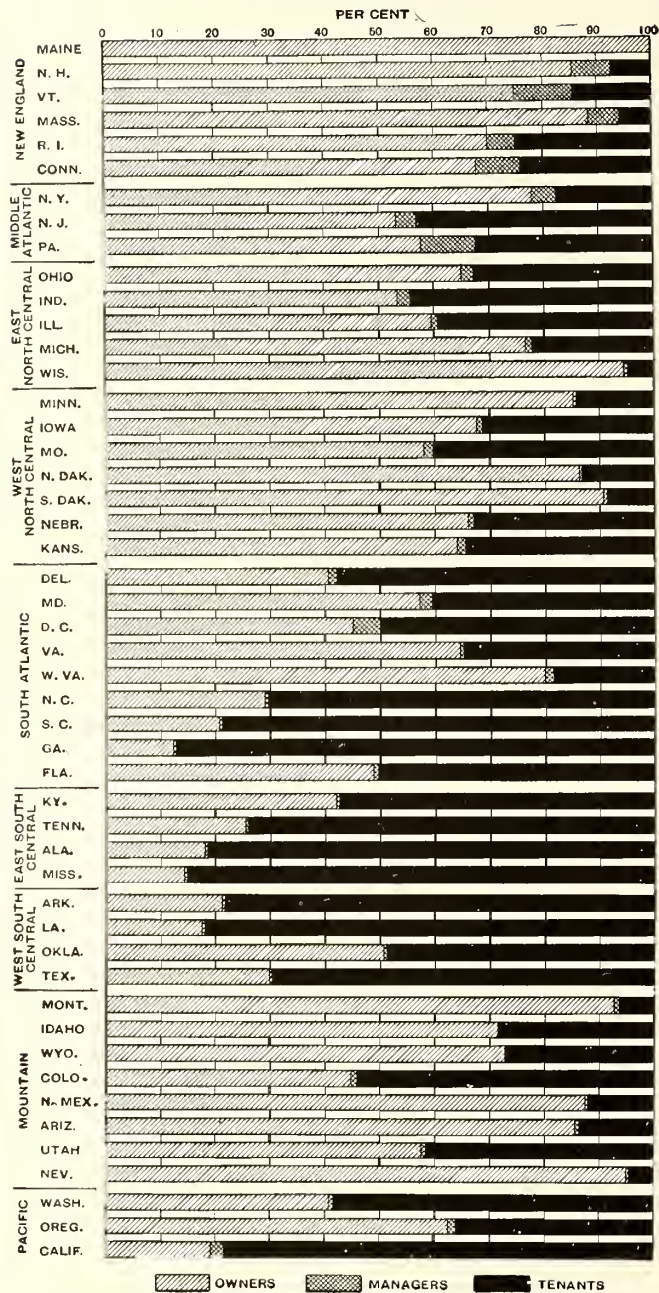




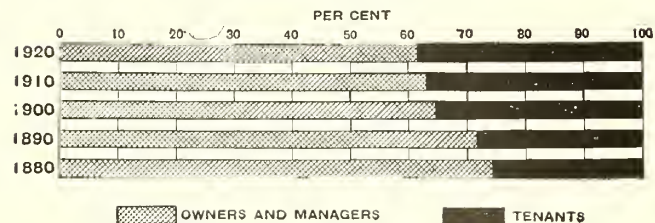
1. WHITE FARMERS—PER CENT DISTRIBUTION BY TENURE, BY STATES: 1920.



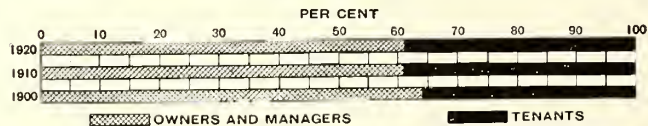
2. COLORED FARMERS—PER CENT DISTRIBUTION BY TENURE, BY STATES: 1920.



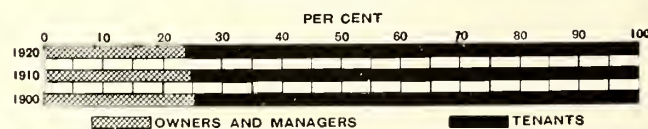
3. PER CENT DISTRIBUTION OF FARMS IN THE UNITED STATES, BY TENURE: 1880-1920.



4. WHITE FARMERS IN THE SOUTH—PER CENT DISTRIBUTION, BY TENURE: 1900-1920.

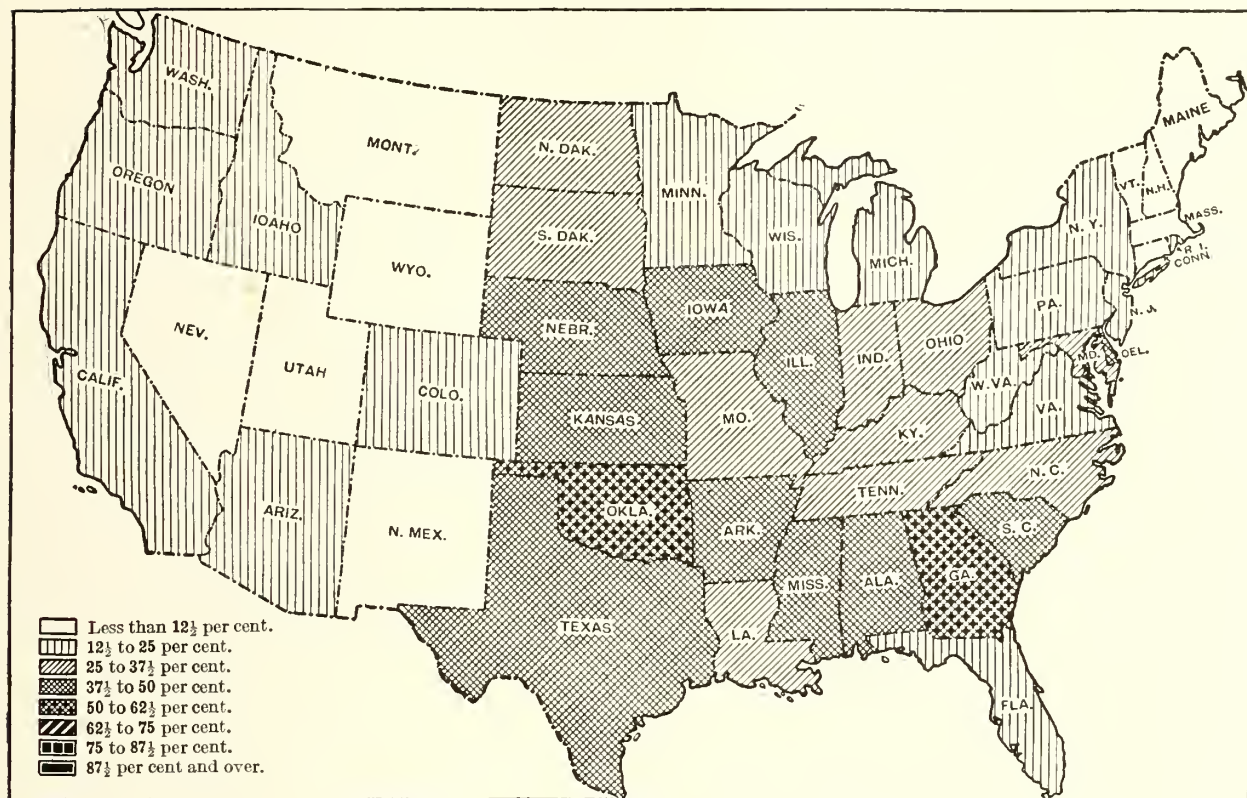


5. COLORED FARMERS IN THE SOUTH—PER CENT DISTRIBUTION, BY TENURE: 1900-1920.

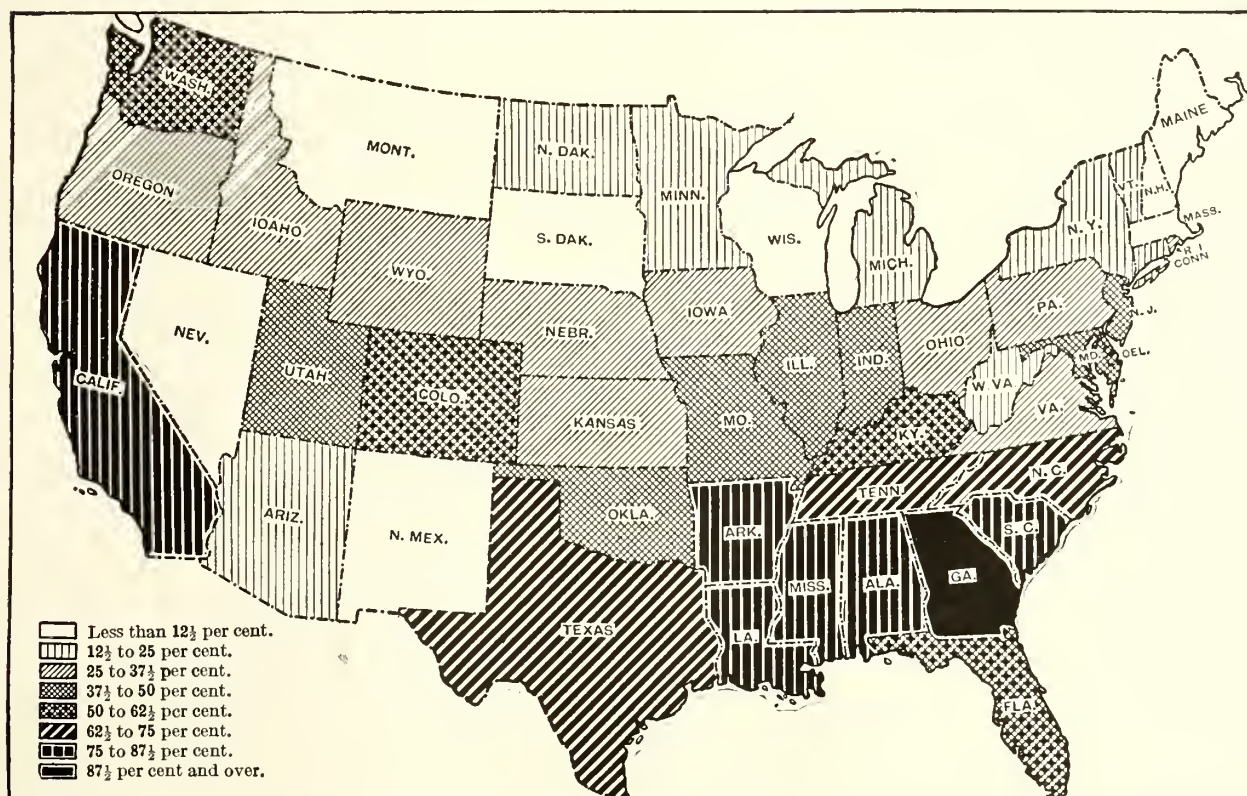




## 1. WHITE FARMERS—PER CENT OPERATING RENTED FARMS, BY STATES: 1920.

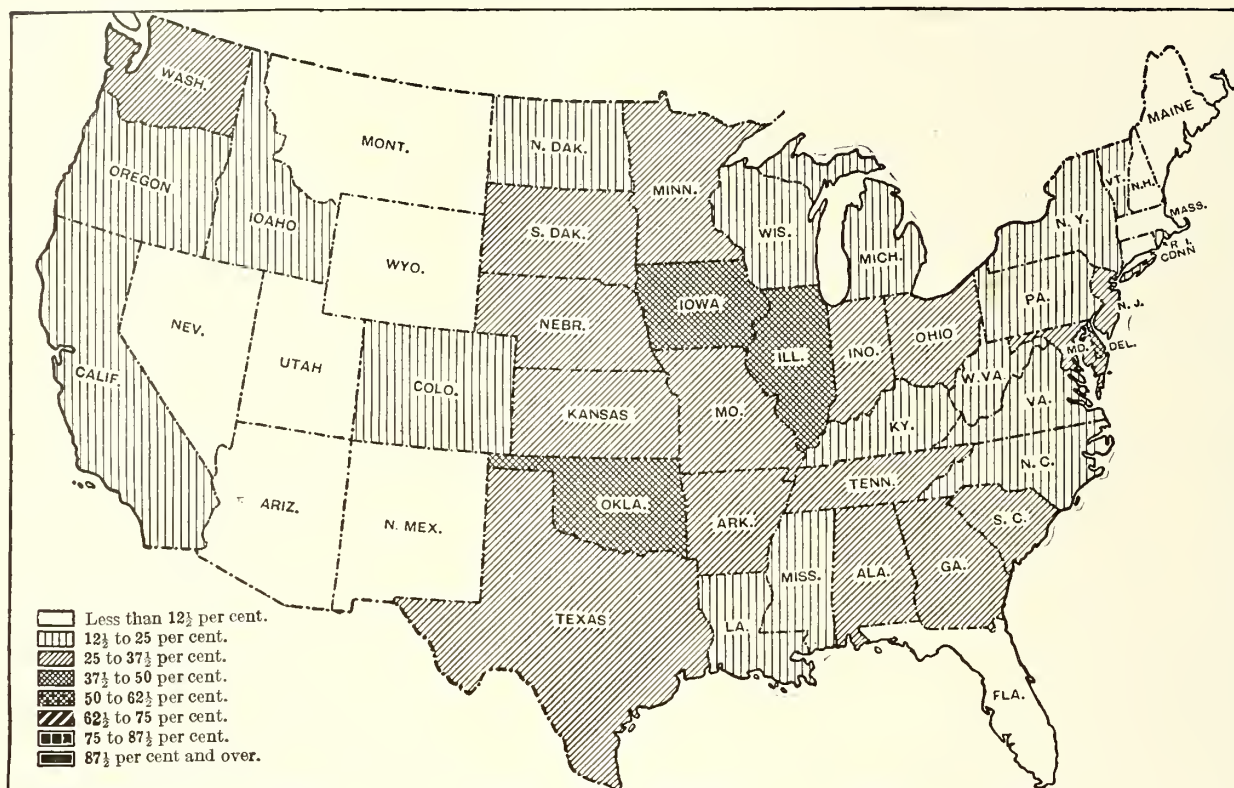


## 2. COLORED FARMERS—PER CENT OPERATING RENTED FARMS, BY STATES: 1920.

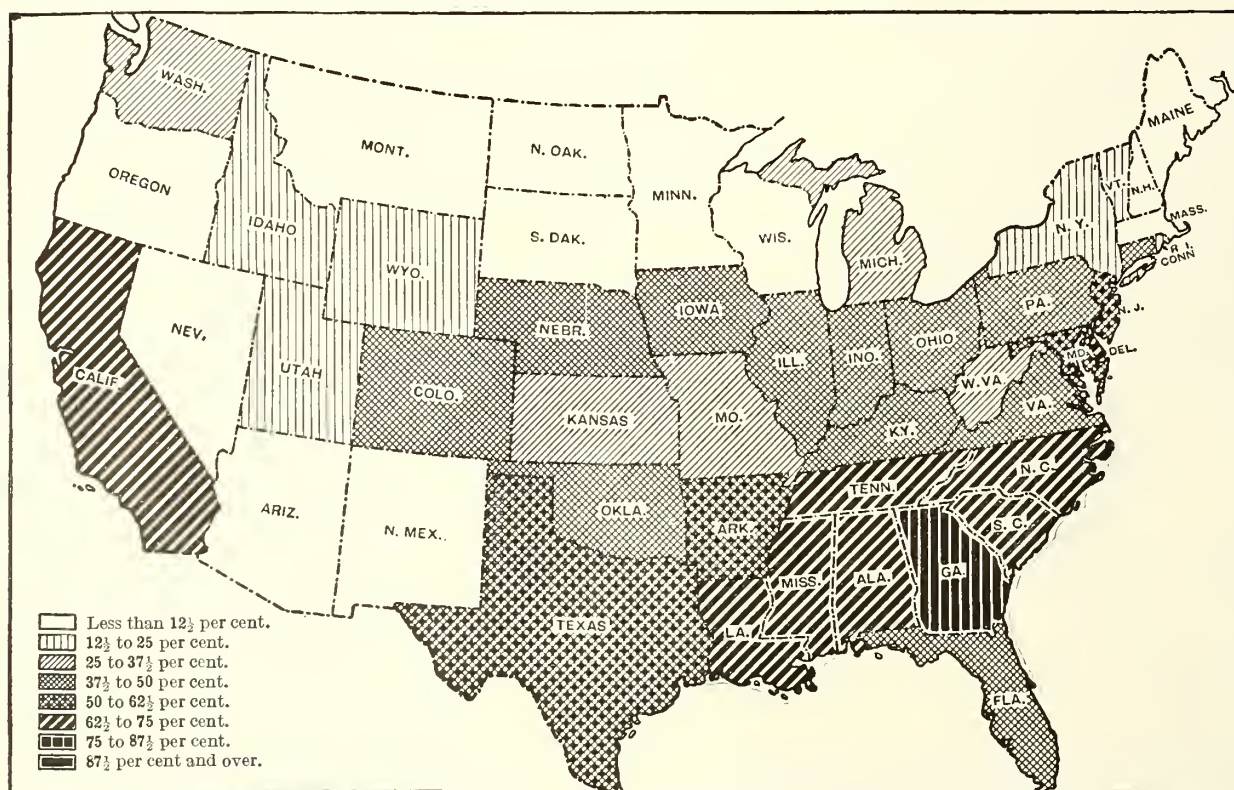




1. WHITE FARMERS—PER CENT OF FARM LAND OPERATED BY TENANTS, BY STATES: 1920.

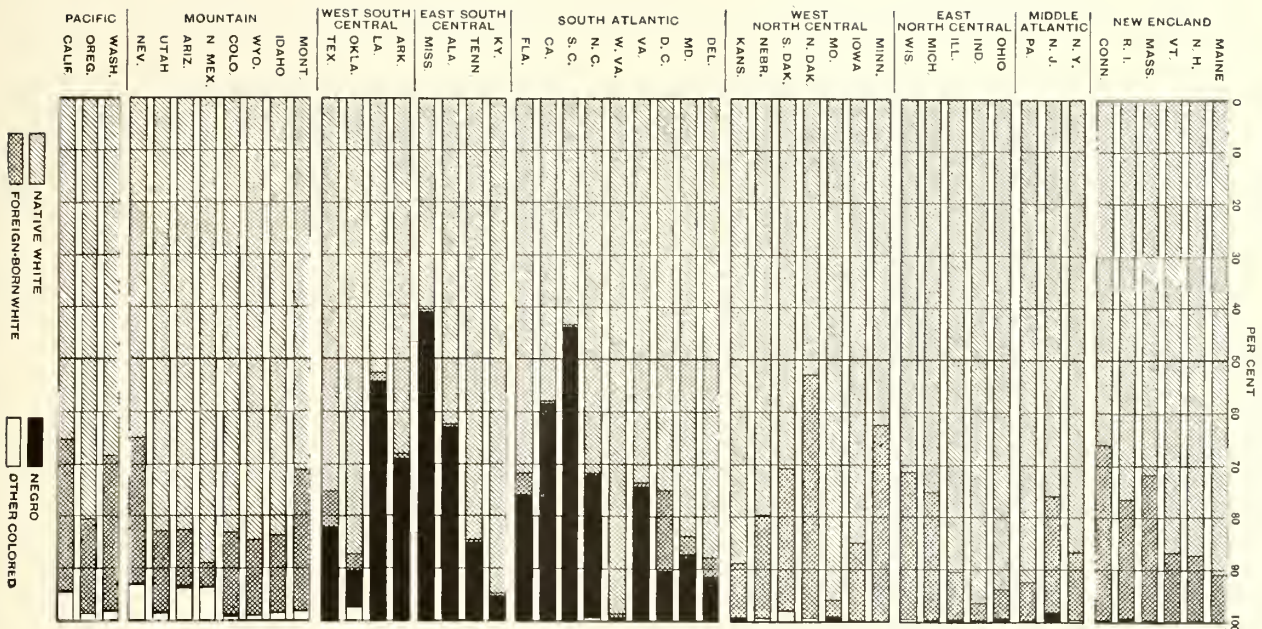


2. COLORED FARMERS—PER CENT OF FARM LAND OPERATED BY TENANTS, BY STATES: 1920.

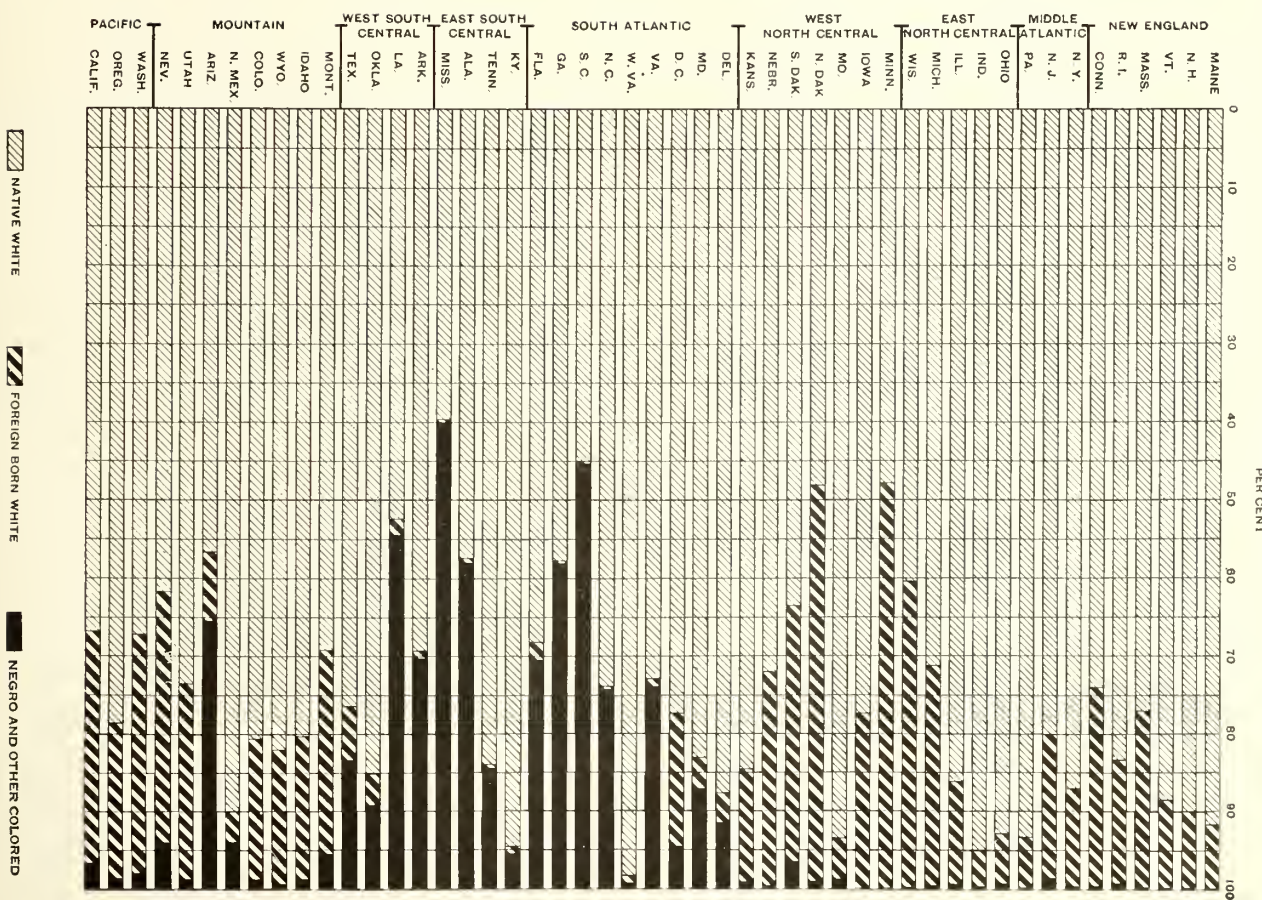




1. NUMBER OF FARMS—PER CENT DISTRIBUTION BY RACE AND NATIVITY OF FARMER, BY STATES, 1920.

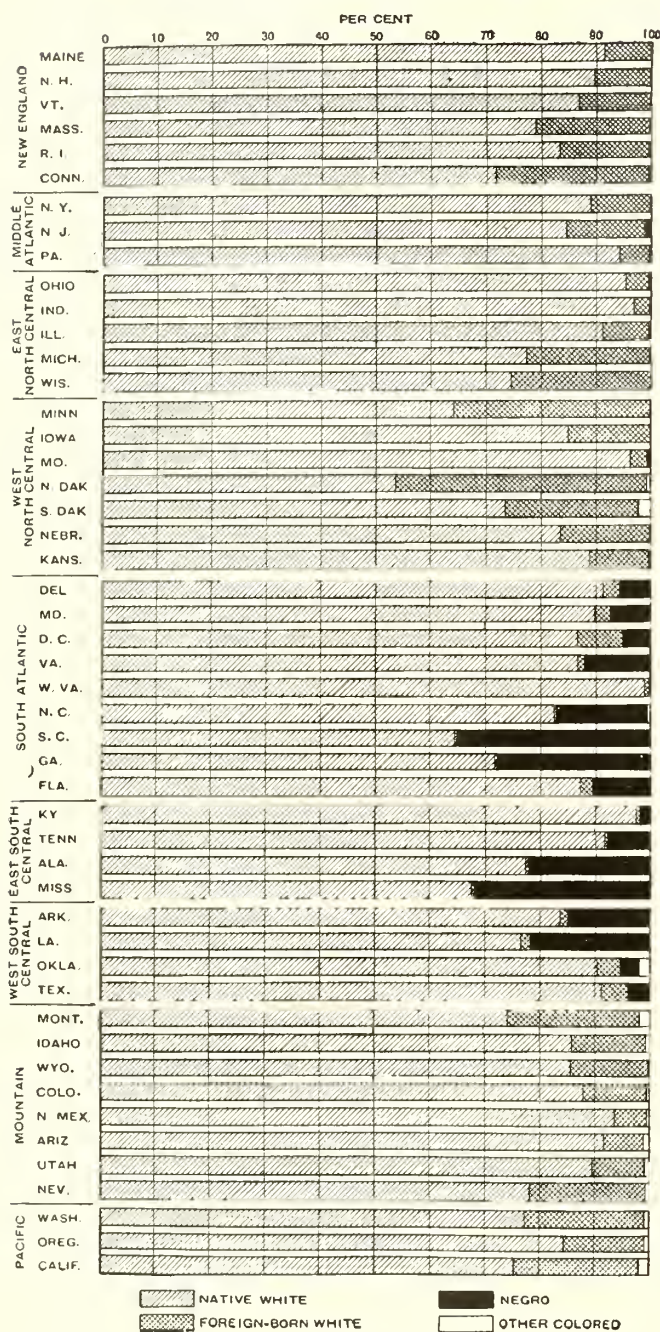


2. NUMBER OF FARMS—PER CENT DISTRIBUTION BY RACE AND NATIVITY OF FARMER, BY STATES, 1910.

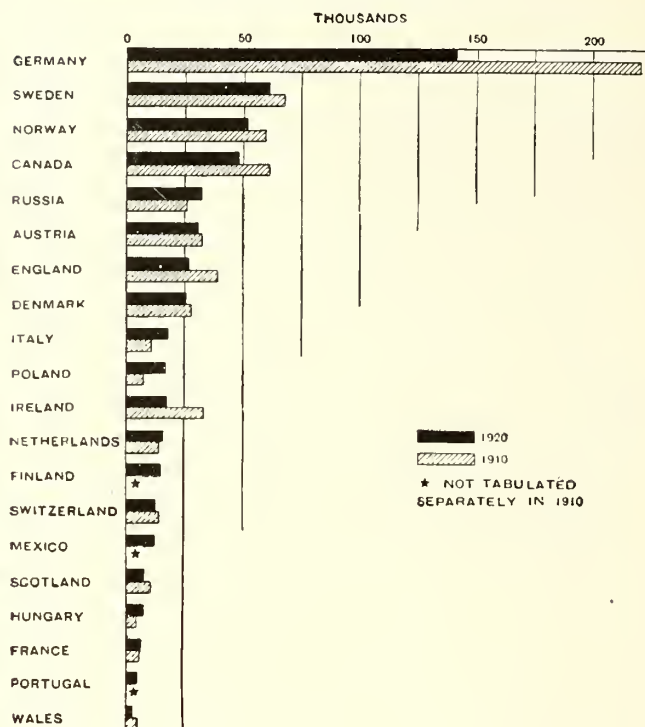




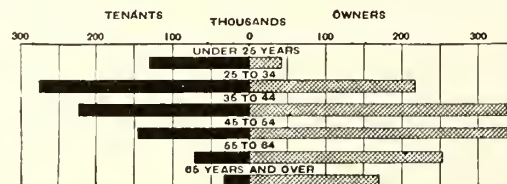
1. ALL FARM LAND—PER CENT DISTRIBUTION BY RACE AND NATIVITY OF FARMER, BY STATES: 1920.



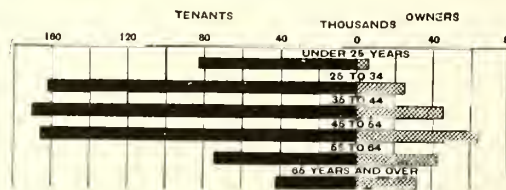
2. FOREIGN-BORN WHITE FARMERS IN THE UNITED STATES, BY COUNTRY OF BIRTH: 1920 AND 1910.



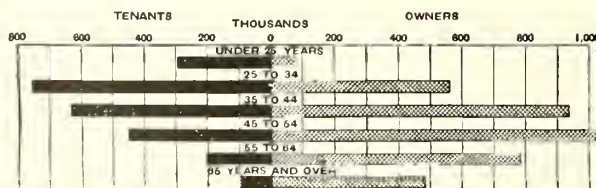
3. WHITE FARM TENANTS AND OWNERS IN THE SOUTH, BY AGE: 1920



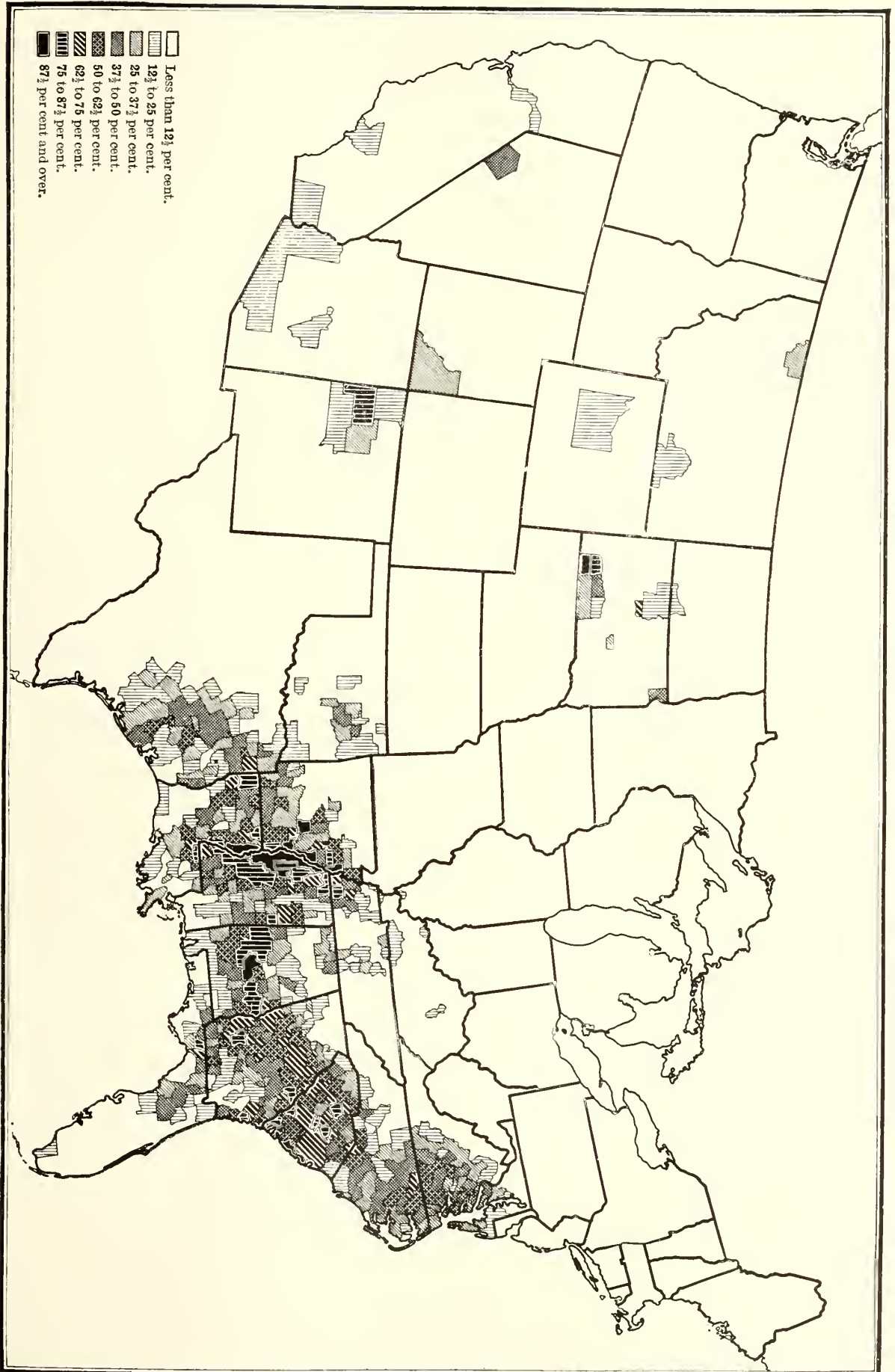
4. COLORED FARM TENANTS AND OWNERS IN THE SOUTH, BY AGE: 1920.



5. FARM TENANTS AND OWNERS IN THE UNITED STATES, BY AGE: 1920.



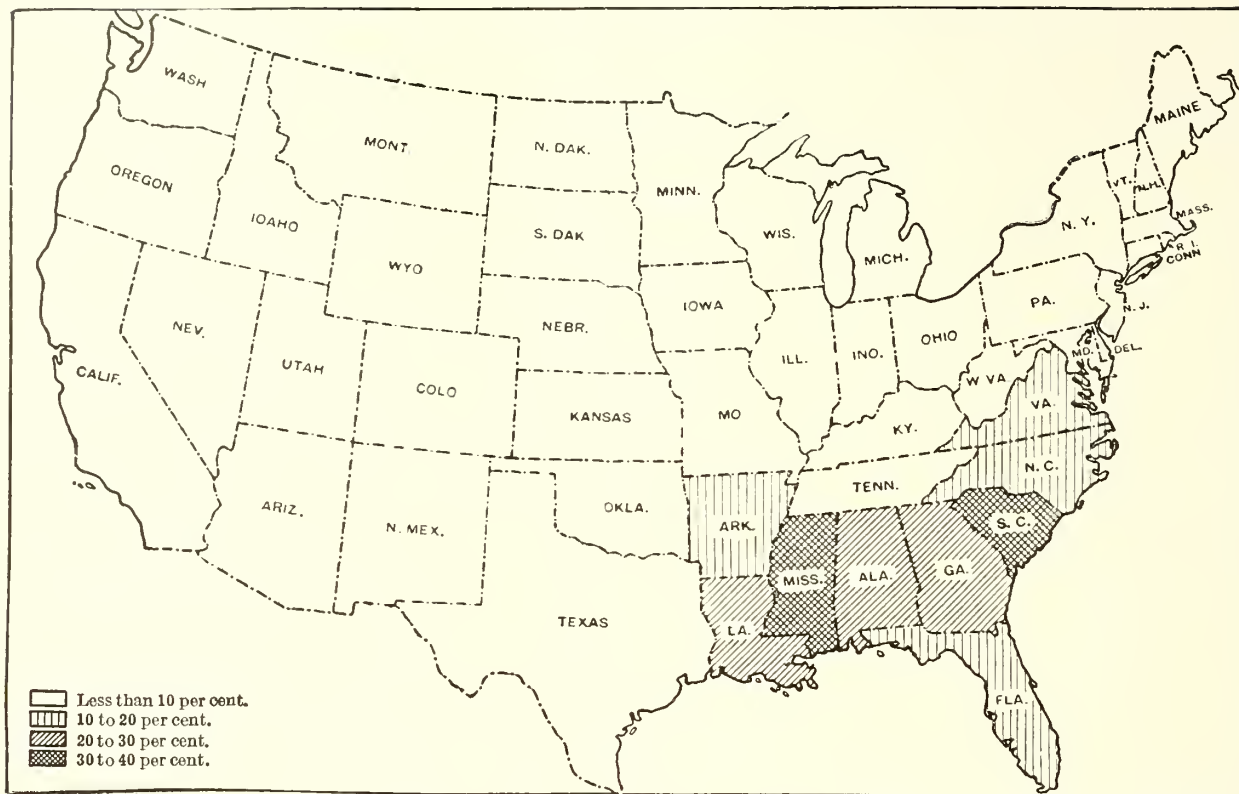
PER CENT OF ALL FARMS OPERATED BY COLORED FARMERS, BY COUNTIES: 1920.





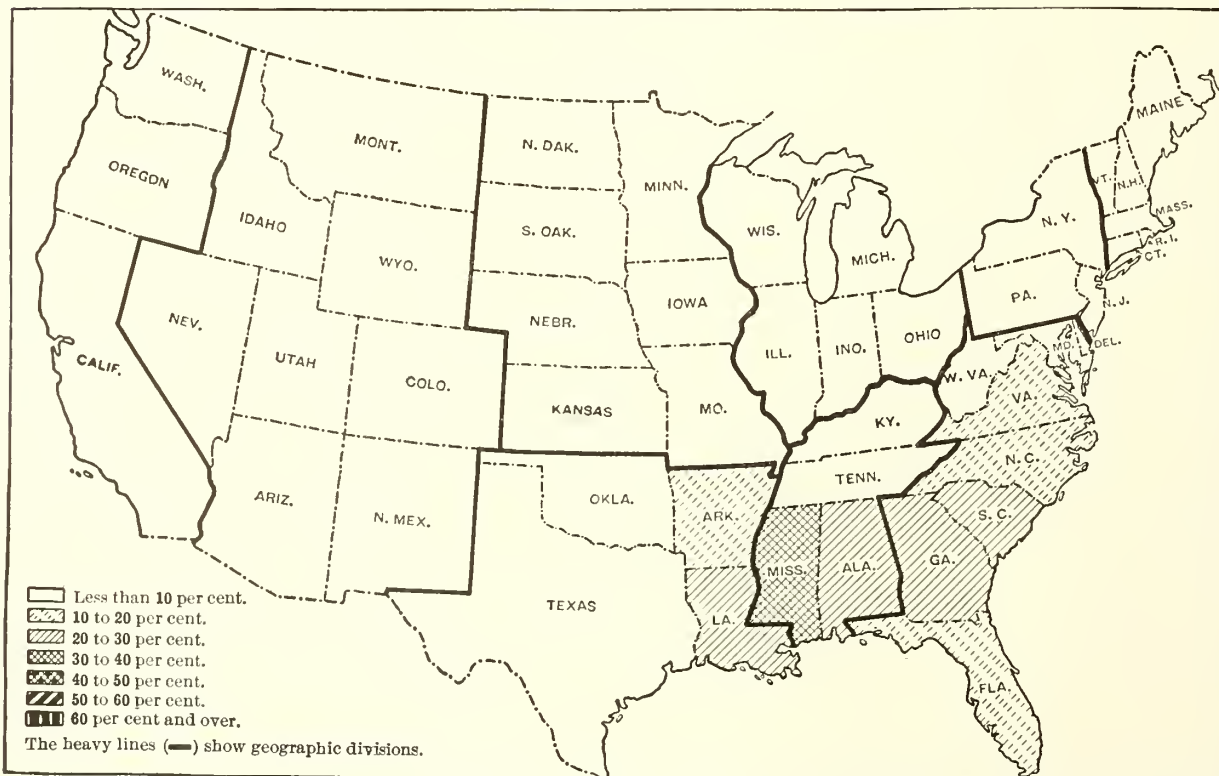
1. PER CENT OF ALL FARM LAND OPERATED BY COLORED FARMERS, BY STATES: 1920.

SOUTHERN STATES ONLY.



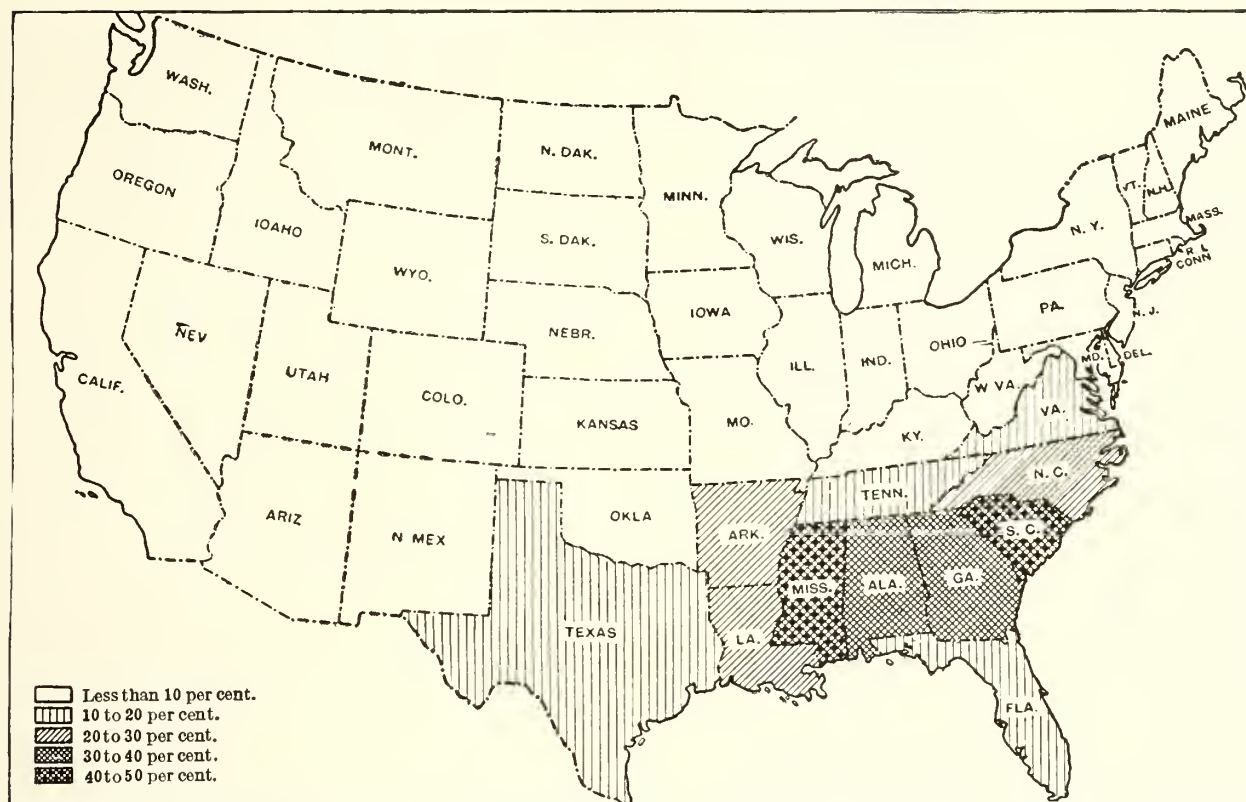
2. PER CENT OF ALL FARM LAND OPERATED BY COLORED FARMERS, BY STATES: 1910.

SOUTHERN STATES ONLY.



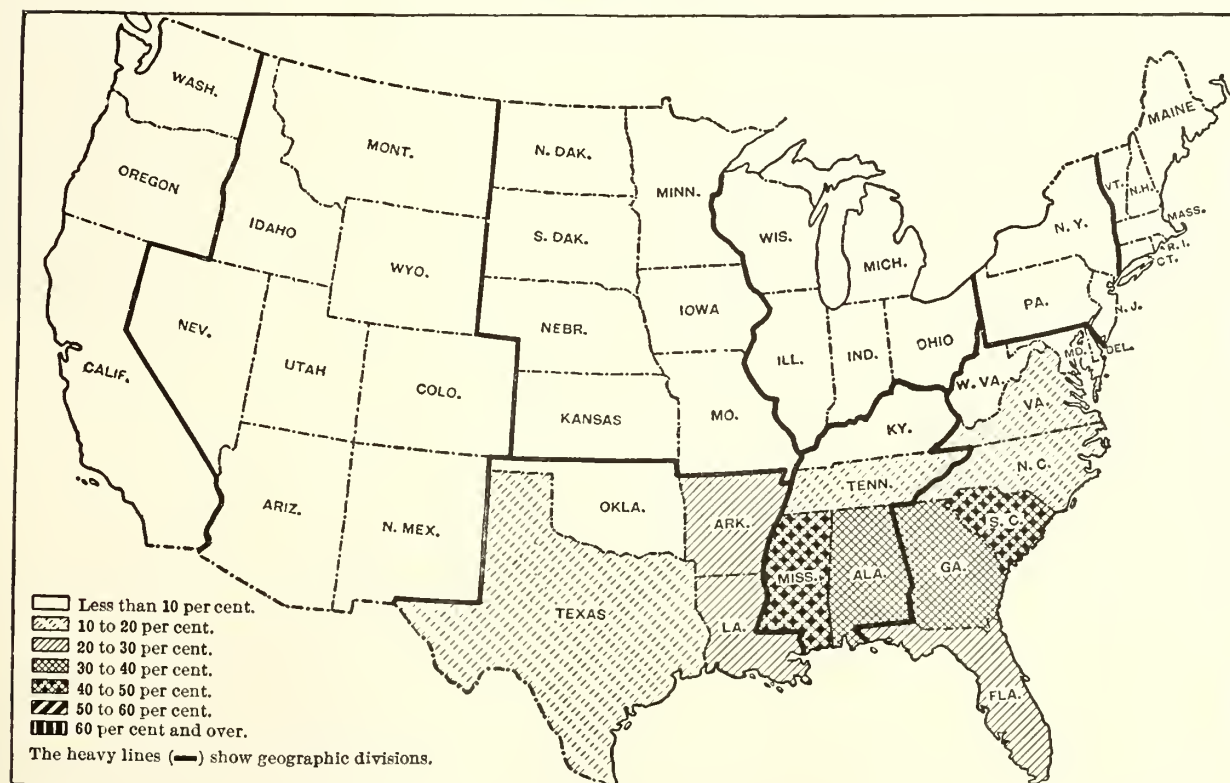
## 1. PER CENT OF IMPROVED FARM LAND OPERATED BY COLORED FARMERS, BY STATES: 1920.

SOUTHERN STATES ONLY.



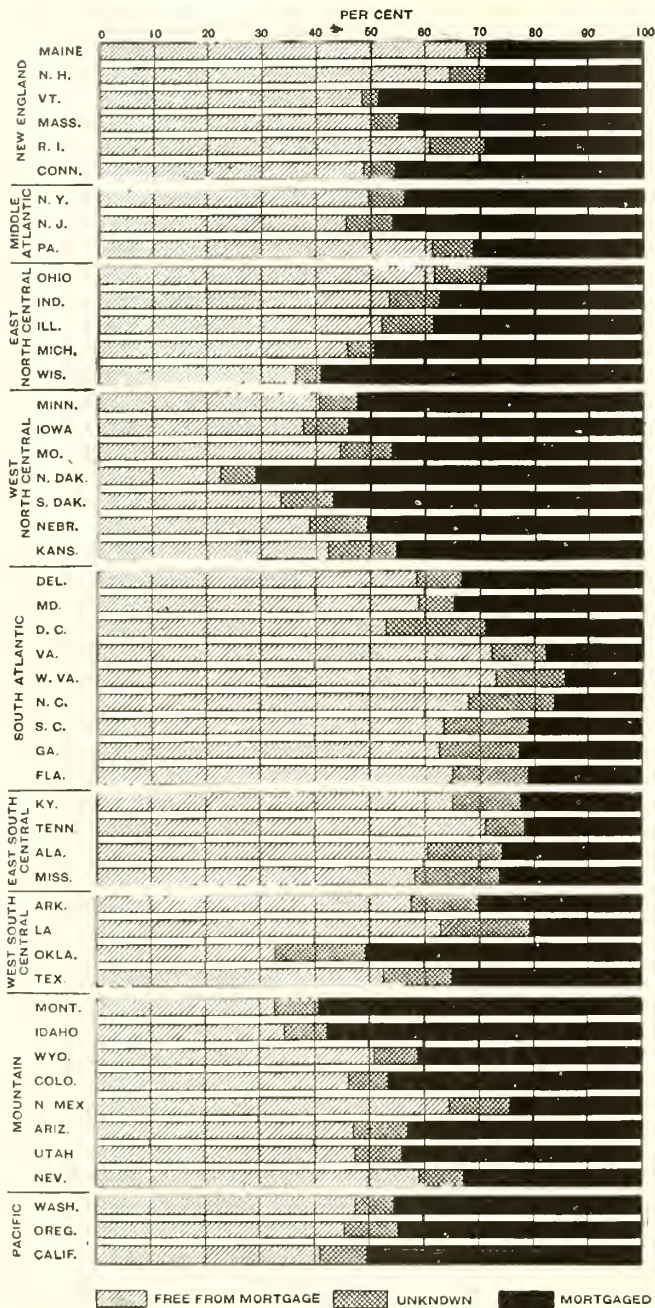
## 2. PER CENT OF IMPROVED FARM LAND OPERATED BY COLORED FARMERS, BY STATES: 1910.

SOUTHERN STATES ONLY.

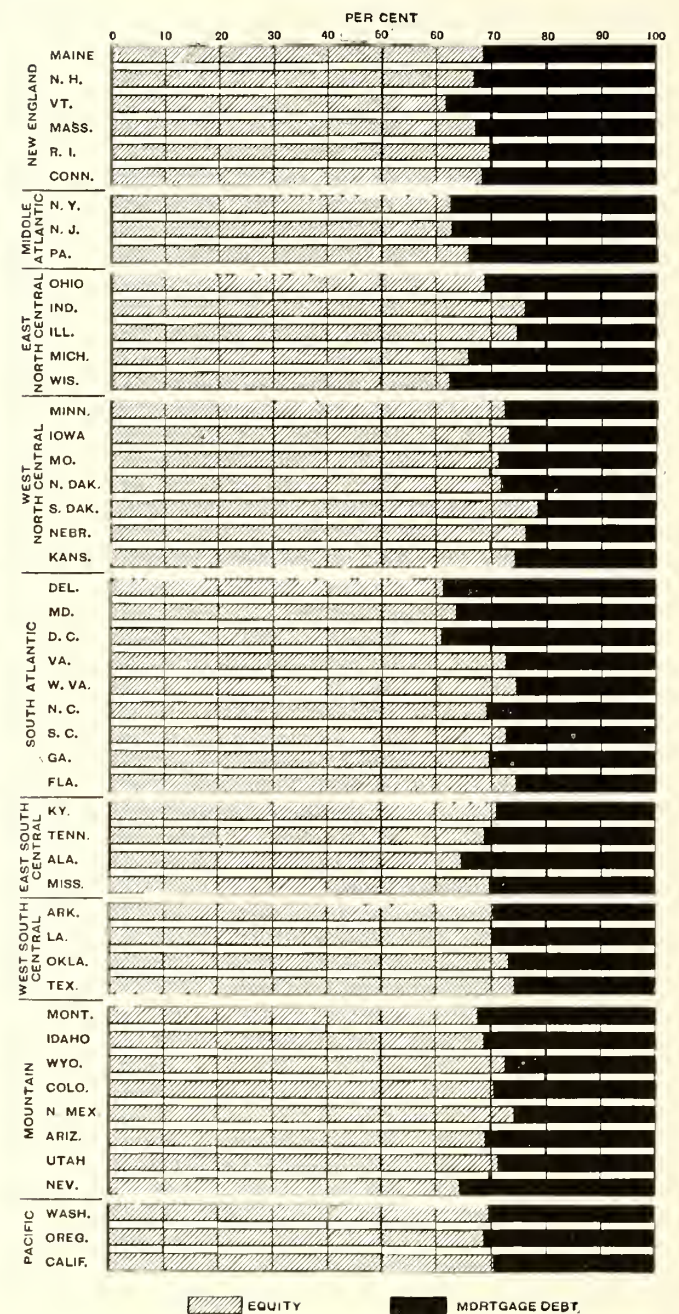




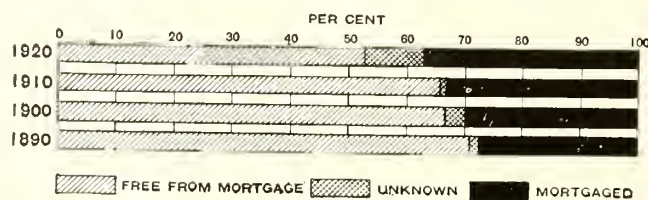
1. PER CENT DISTRIBUTION OF OWNER-OPERATED FARMS ACCORDING TO MORTGAGE STATUS, BY STATES: 1920.



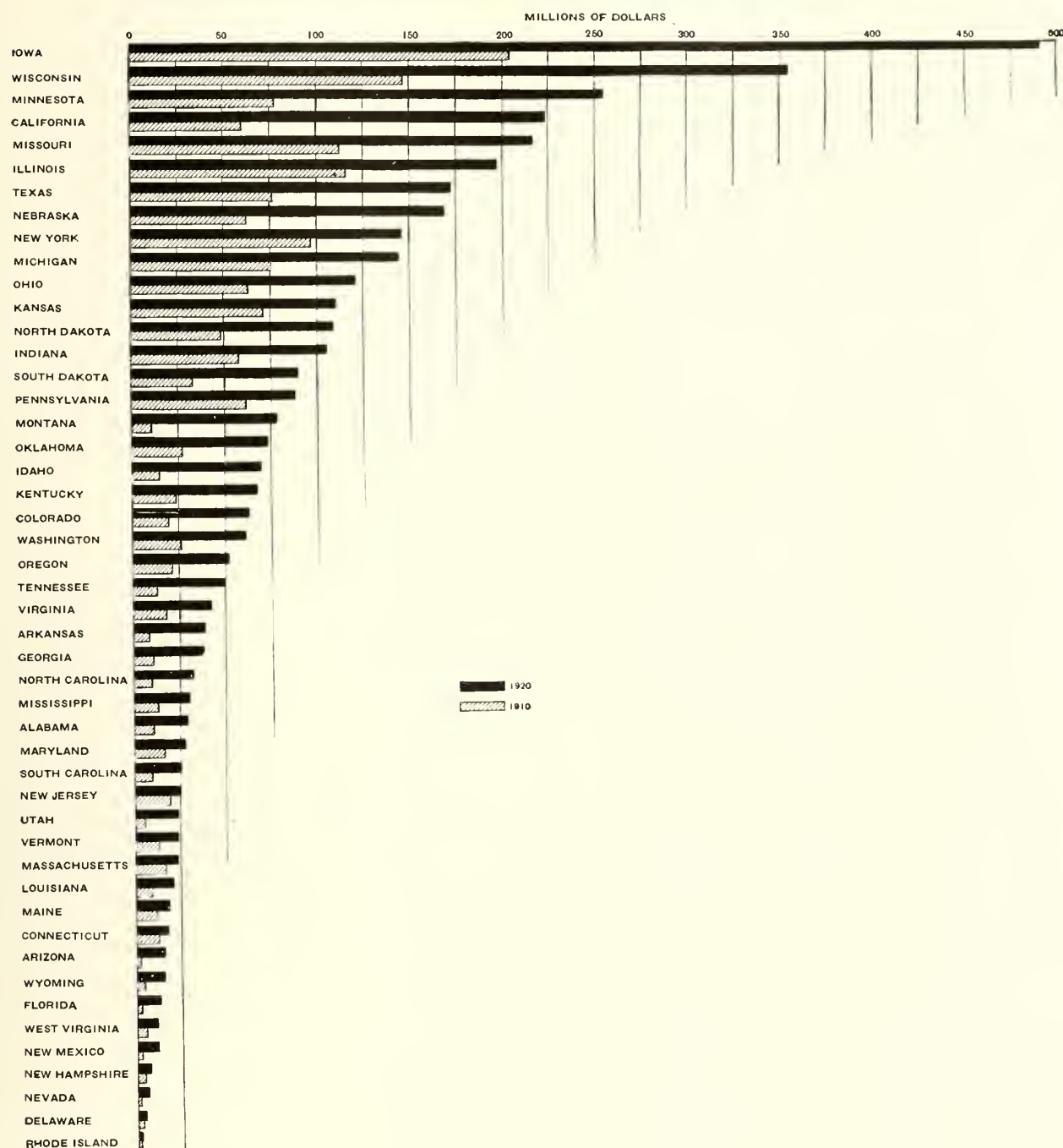
2. RATIO OF MORTGAGE DEBT TO VALUE OF MORTGAGED FARMS, BY STATES: 1920.



3. PER CENT DISTRIBUTION OF OWNER-OPERATED FARMS IN THE UNITED STATES, ACCORDING TO MORTGAGE STATUS: 1890-1920.

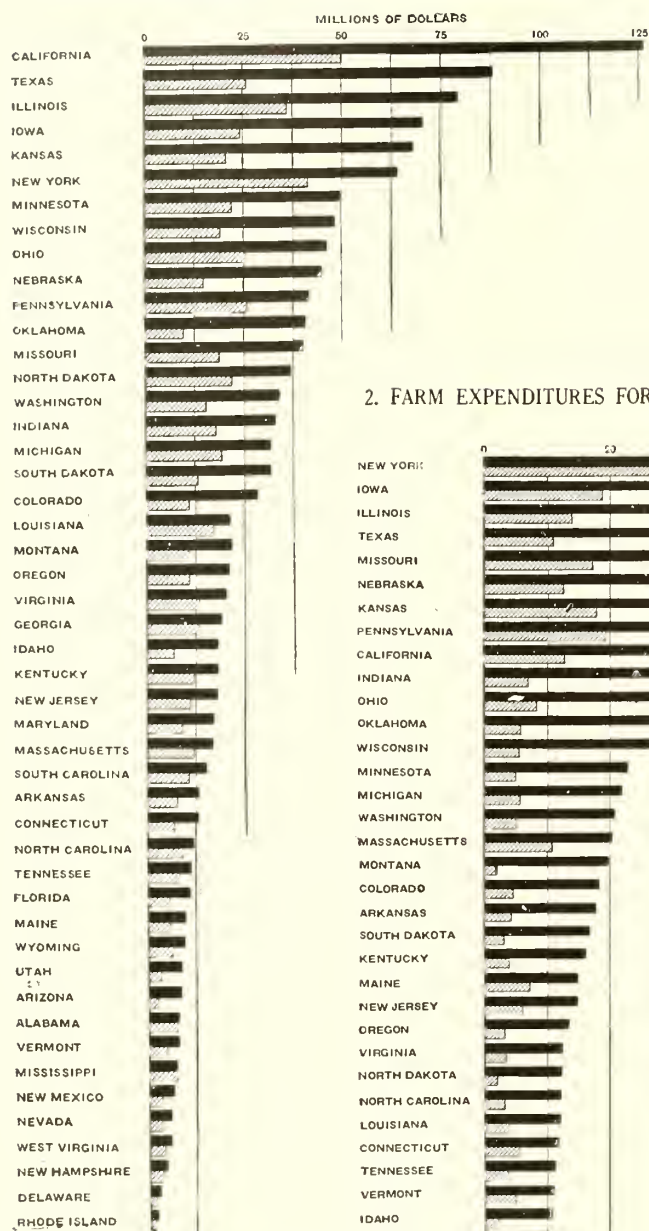


## MORTGAGE DEBT ON OWNER-OPERATED FARMS, BY STATES: 1920 AND 1910.

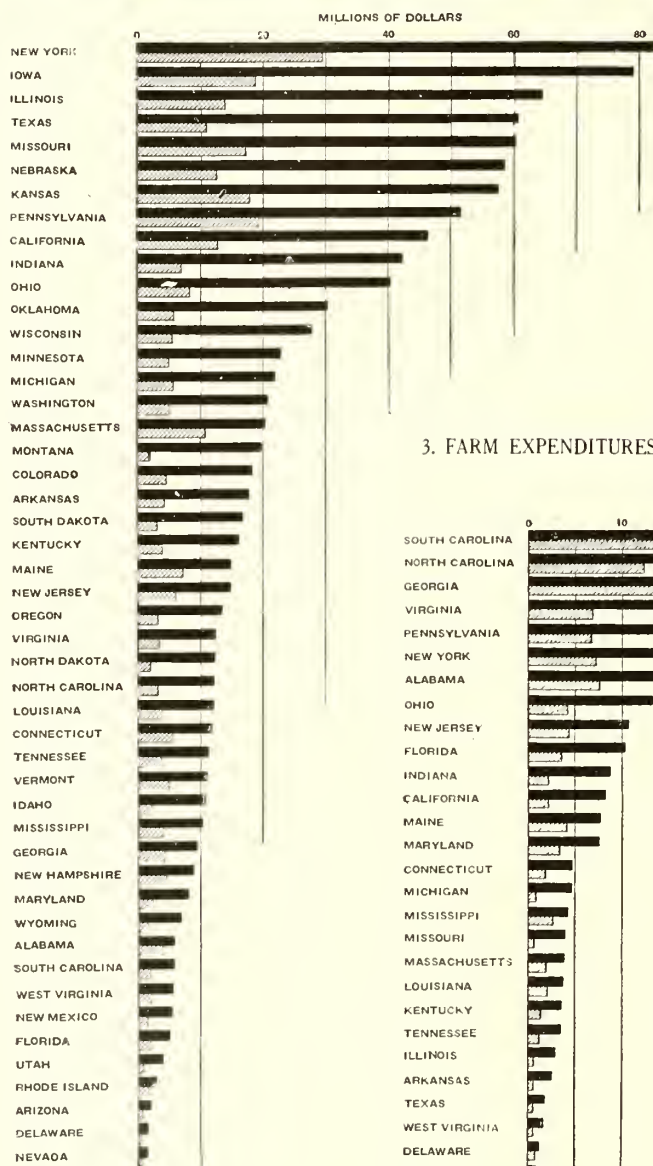




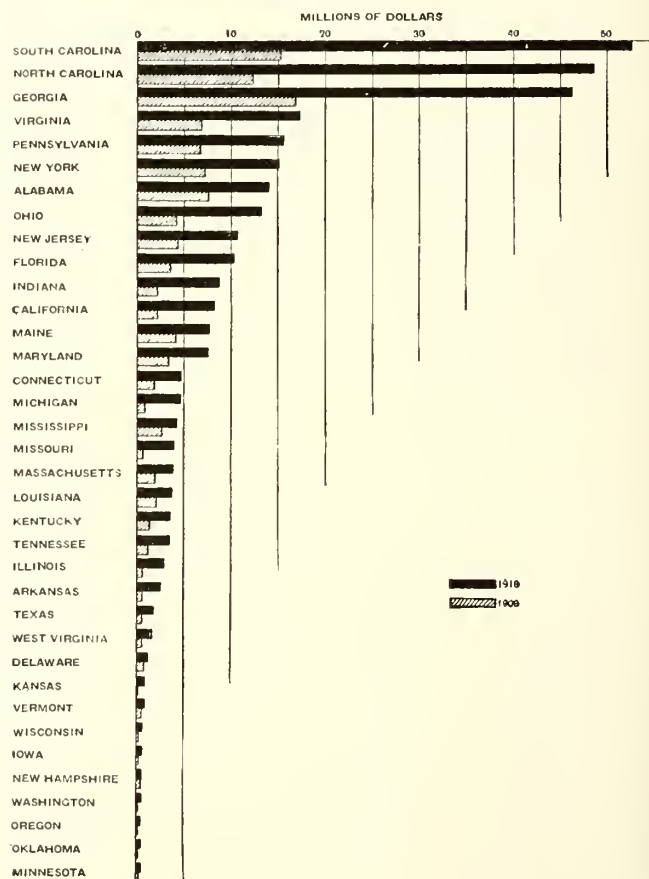
1. FARM EXPENDITURES FOR LABOR, BY STATES: 1919 AND 1909.



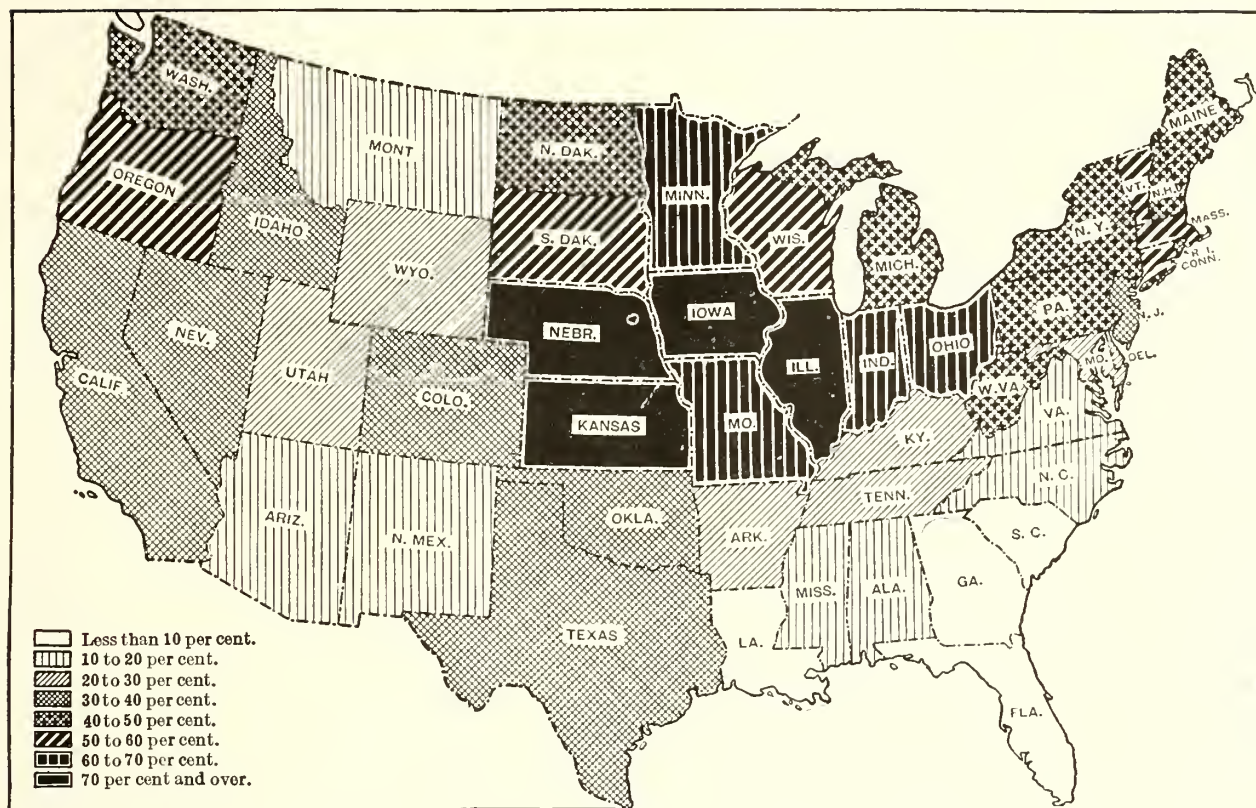
2. FARM EXPENDITURES FOR FEED, BY STATES: 1919 AND 1909.



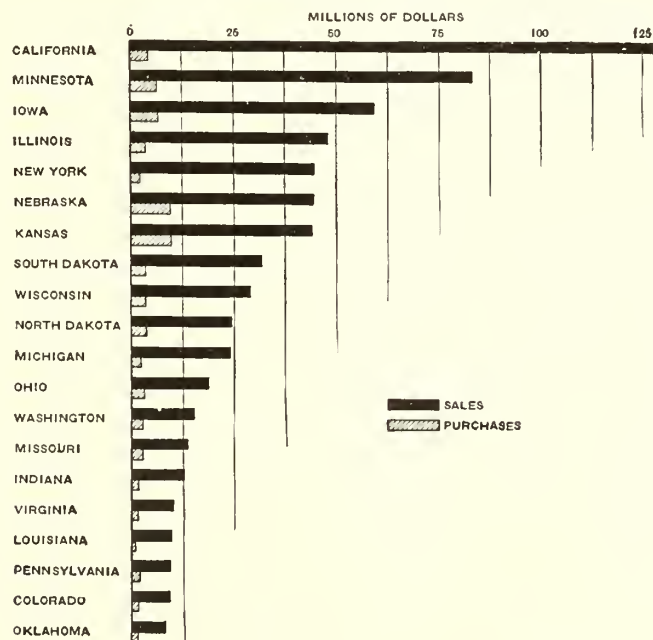
3. FARM EXPENDITURES FOR FERTILIZER, 36 LEADING STATES: 1919 AND 1909.



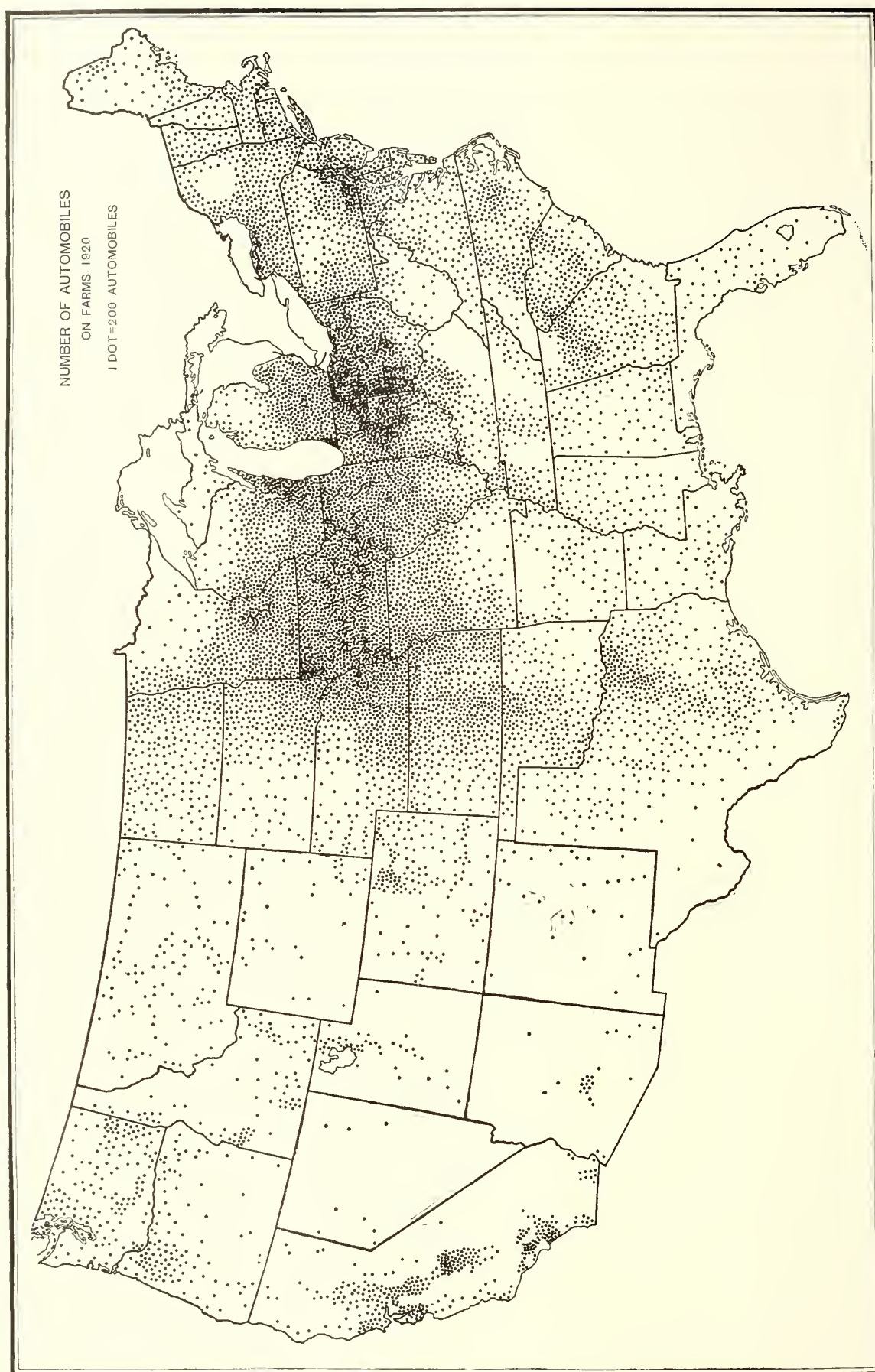
1. PER CENT OF ALL FARMS REPORTING TELEPHONES, BY STATES: 1920.

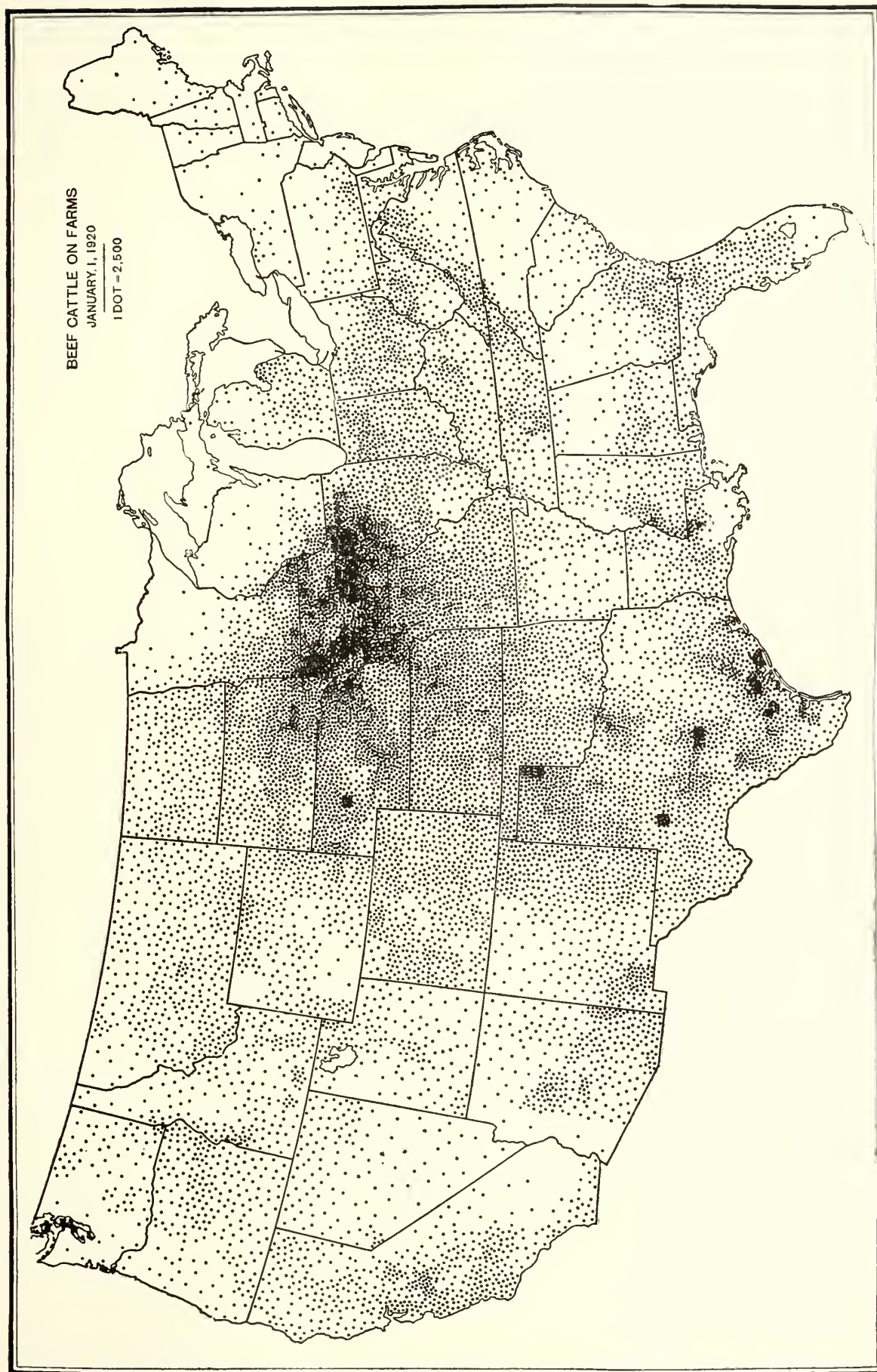


2. SALES AND PURCHASES BY FARMERS THROUGH COOPERATIVE ORGANIZATIONS, 20 LEADING STATES: 1919.

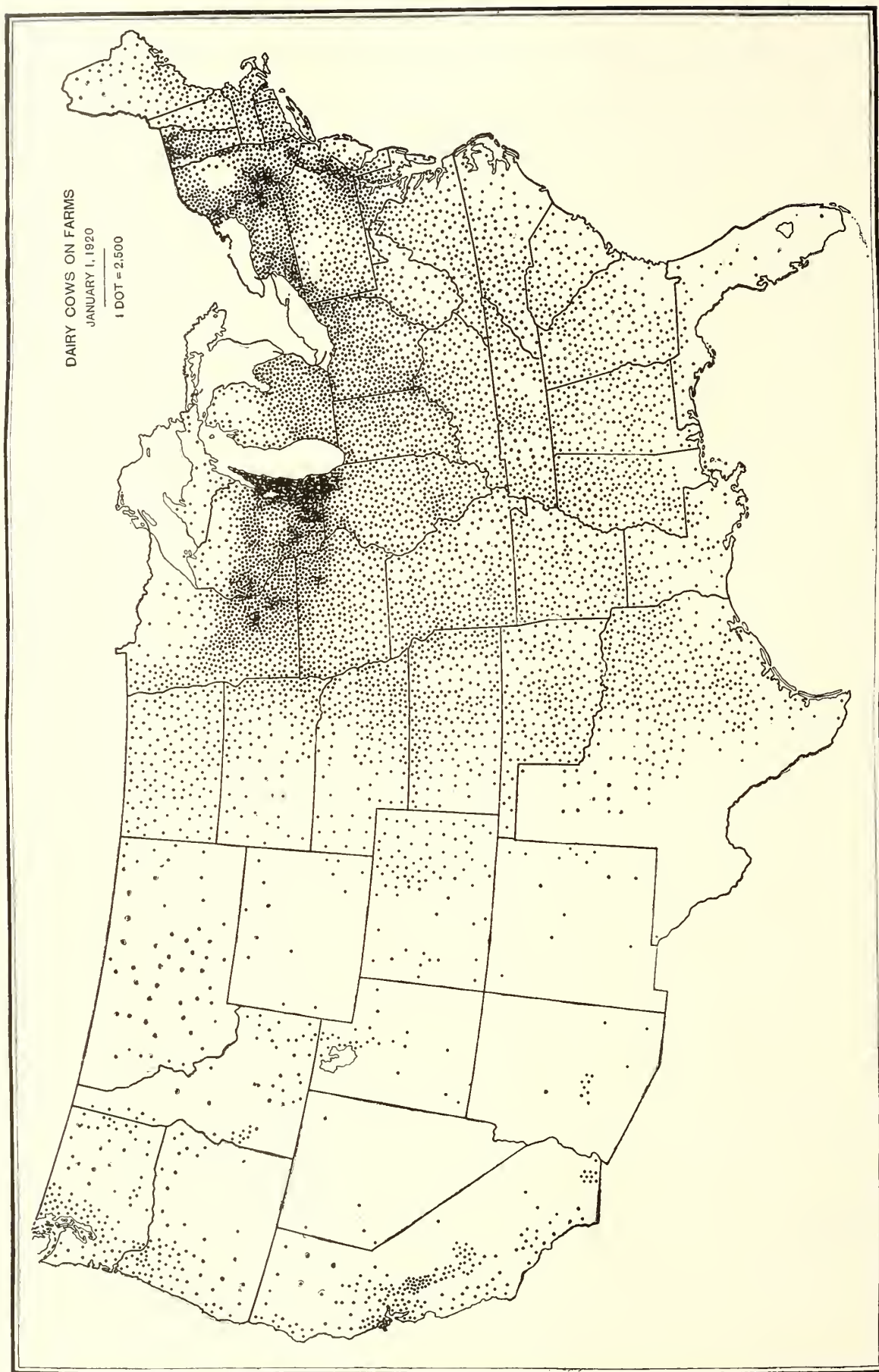


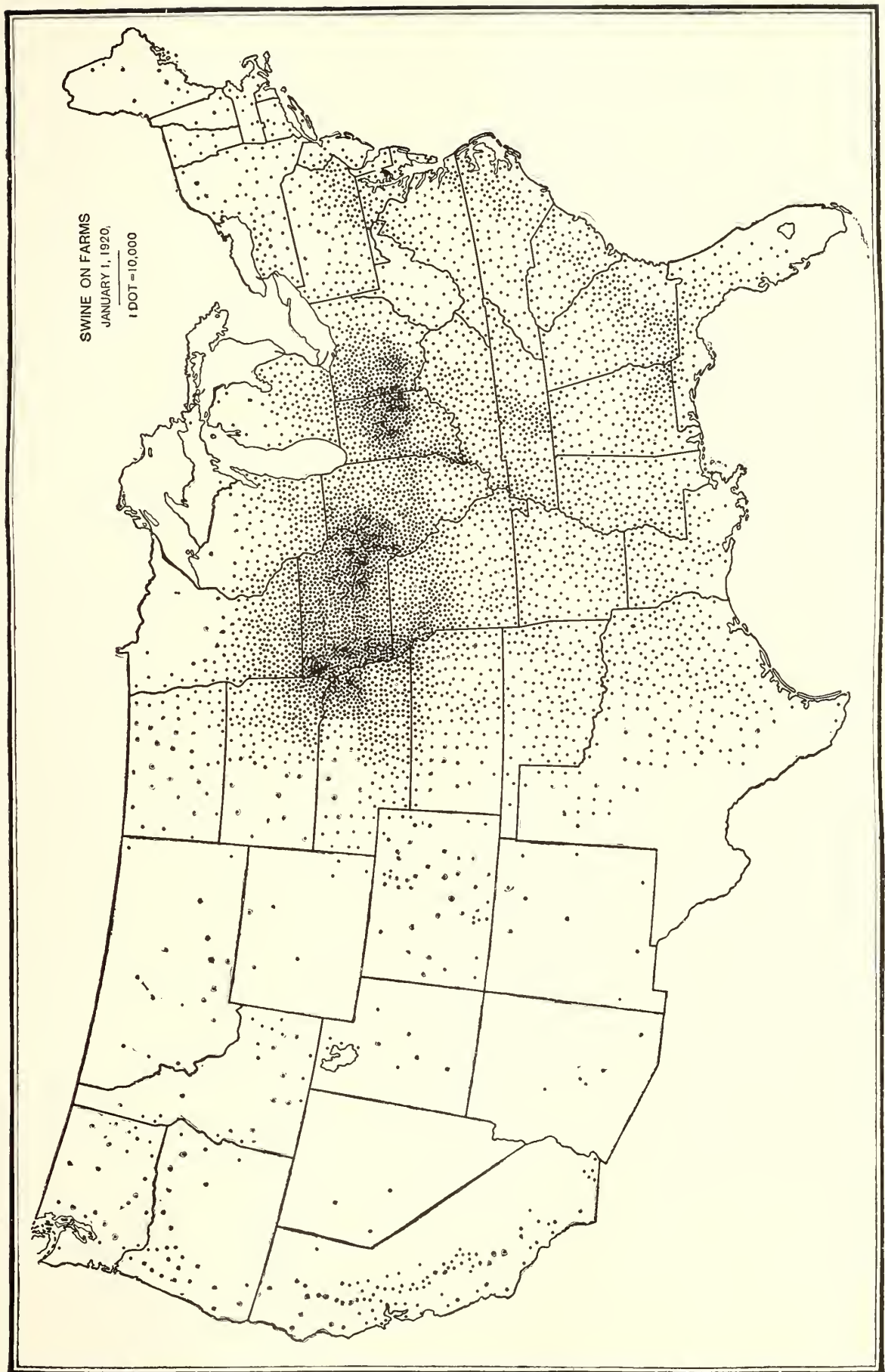




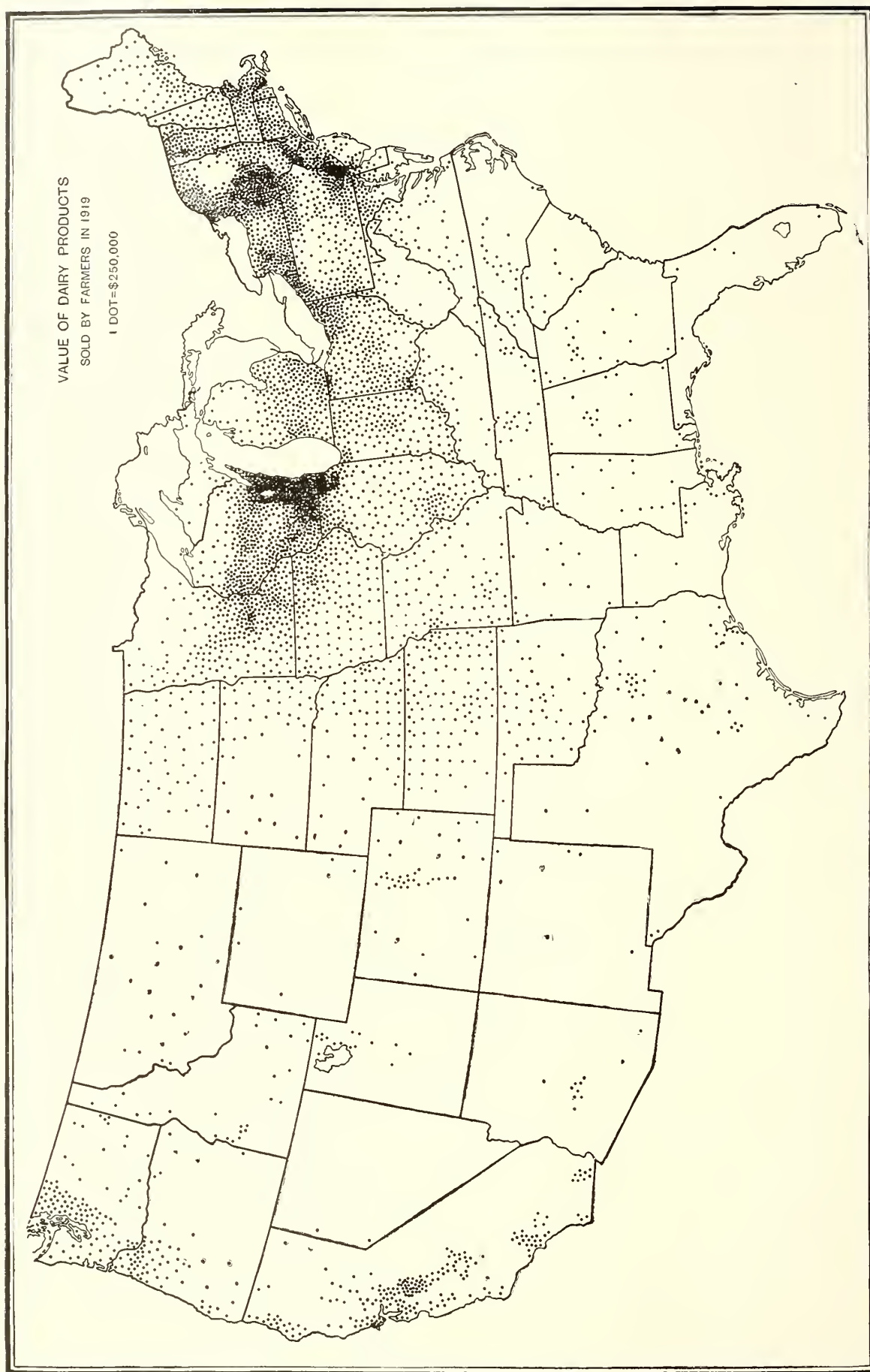




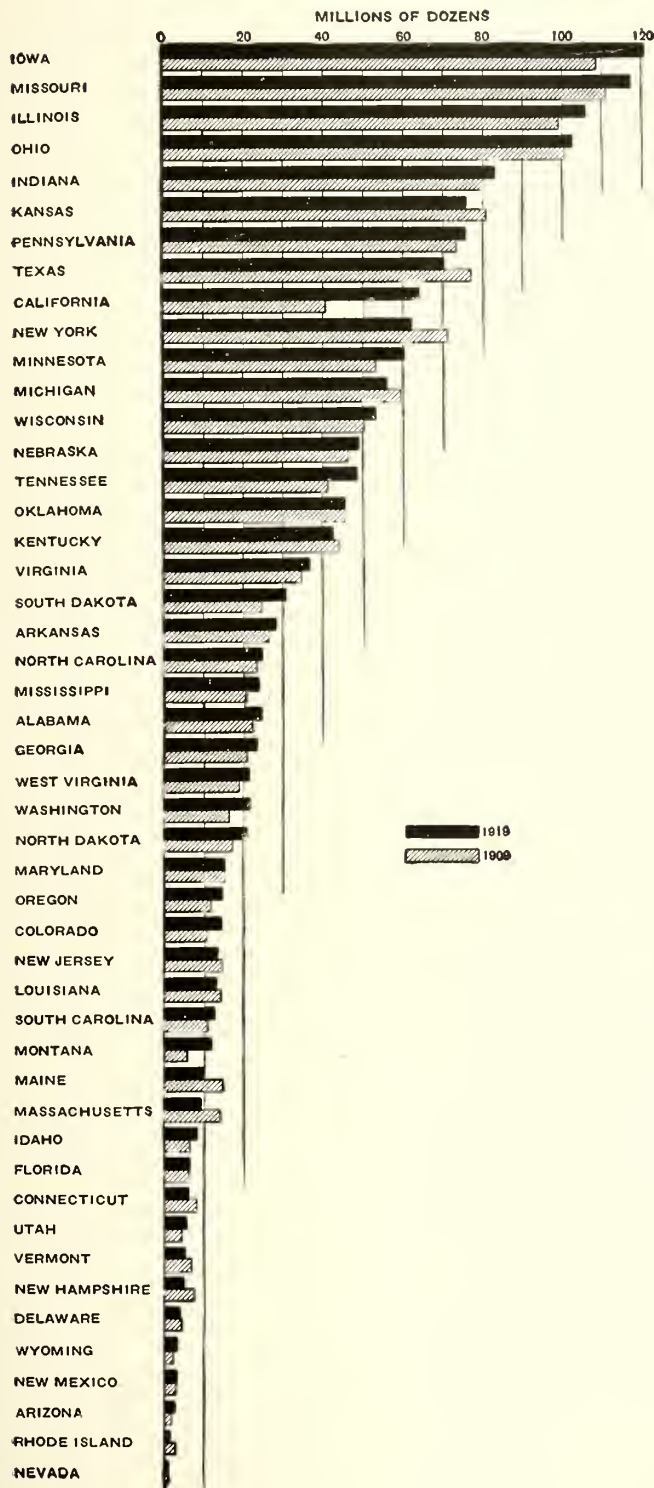




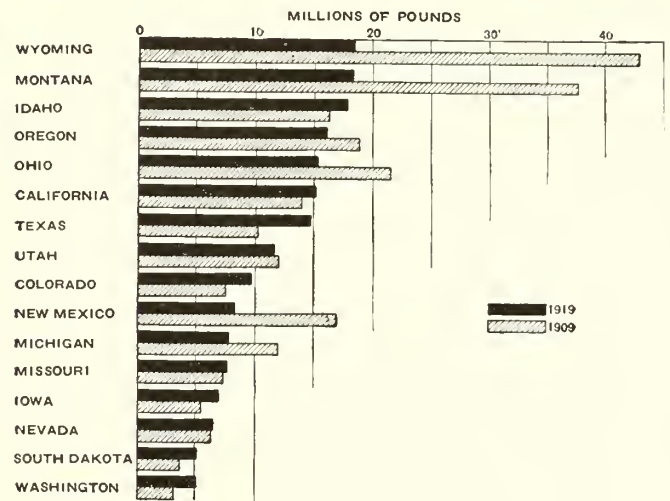




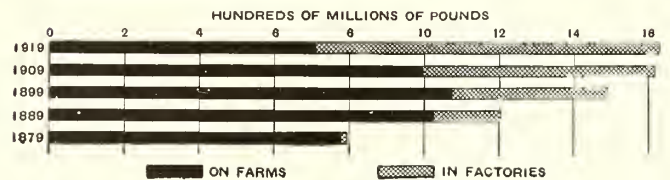
1. EGGS PRODUCED ON FARMS, BY STATES: 1919 AND 1909.



2. WOOL PRODUCED, 16 LEADING STATES: 1919 AND 1909.

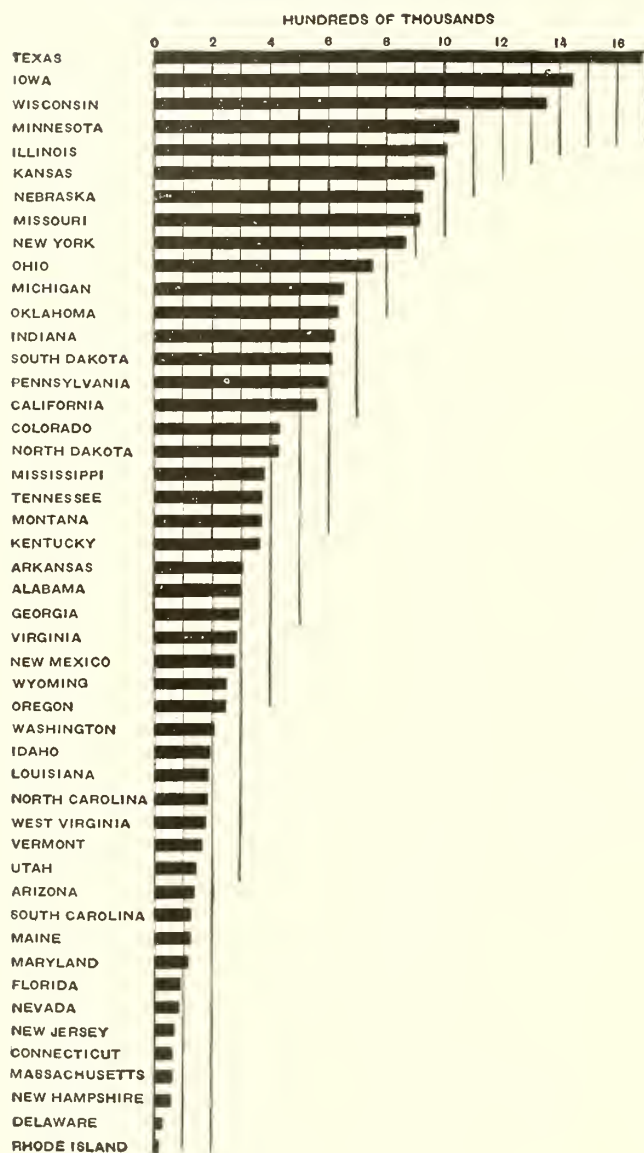


3. BUTTER MADE ON FARMS AND IN FACTORIES: 1879-1919.

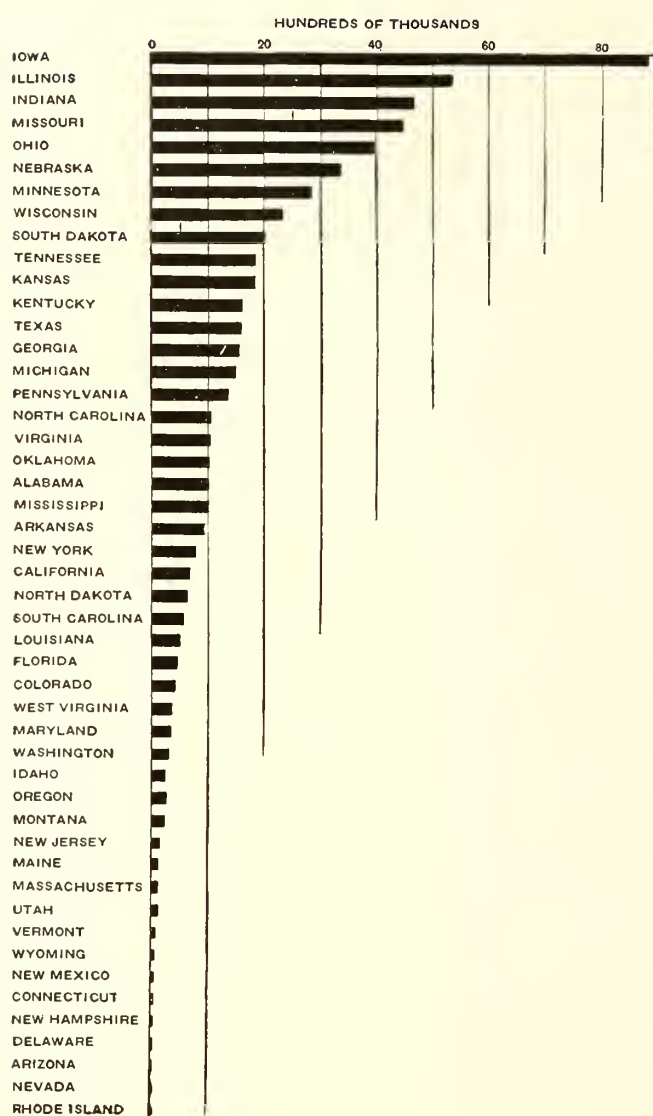




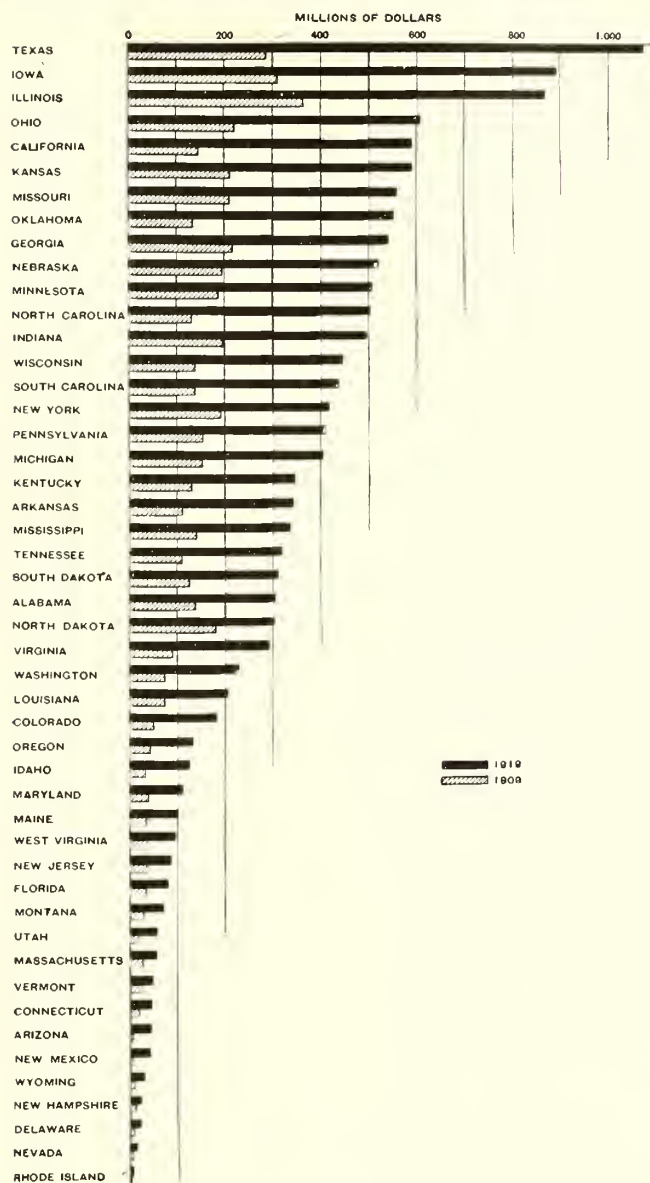
1. CALVES RAISED ON FARMS, BY STATES: 1919.



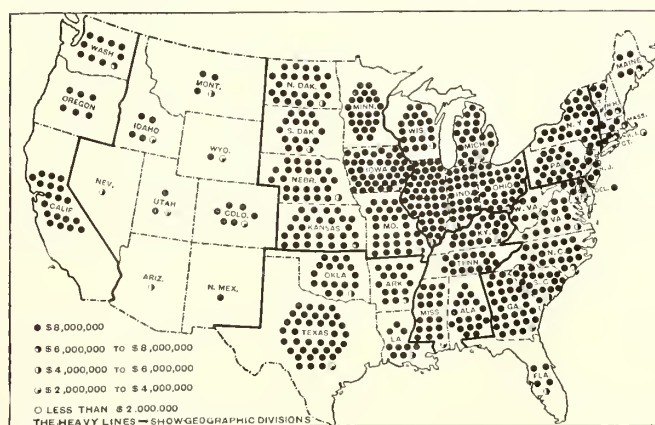
2. PIGS RAISED ON FARMS, BY STATES: 1919.



1. VALUE OF ALL FARM CROPS, BY STATES: 1919 AND 1909.

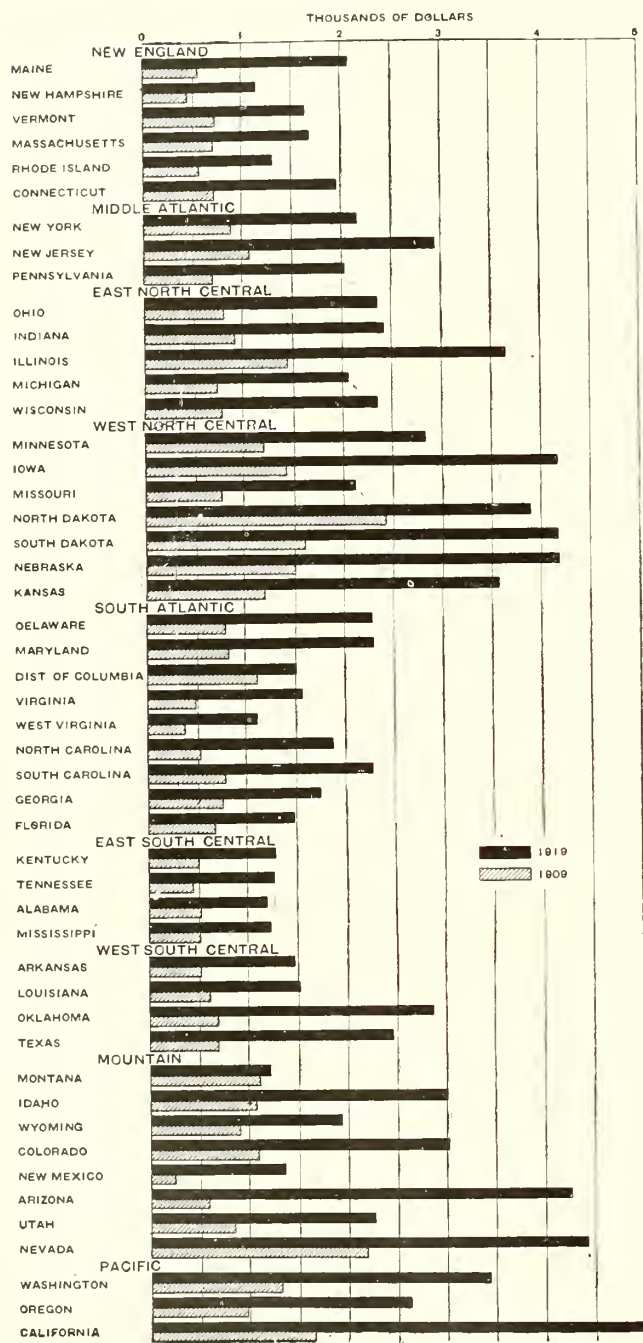


2. ALL FARM CROPS—VALUE, BY STATES: 1909.

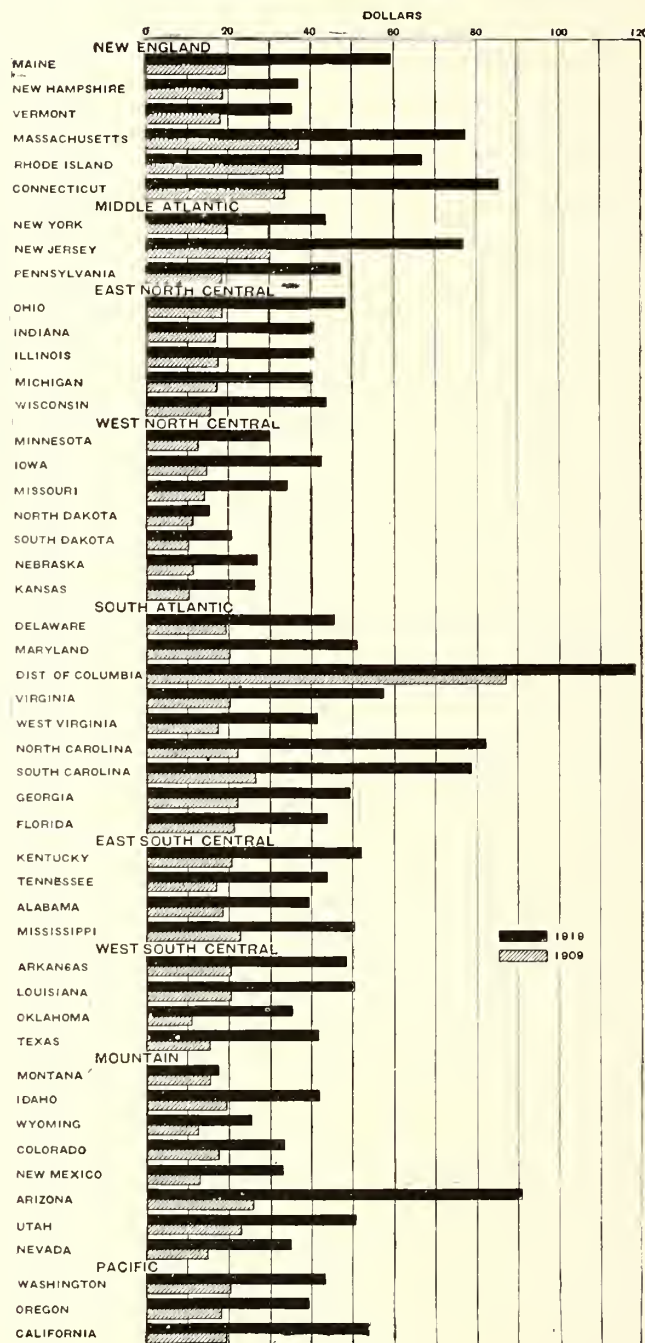




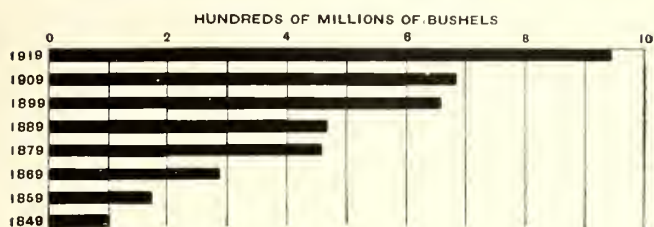
1. AVERAGE VALUE OF ALL FARM CROPS PER FARM, BY STATES: 1919 AND 1909.



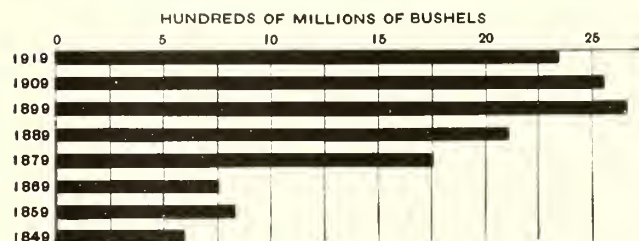
2. AVERAGE VALUE PER ACRE OF CROPS WITH ACREAGE REPORTS, BY STATES: 1919 AND 1909.



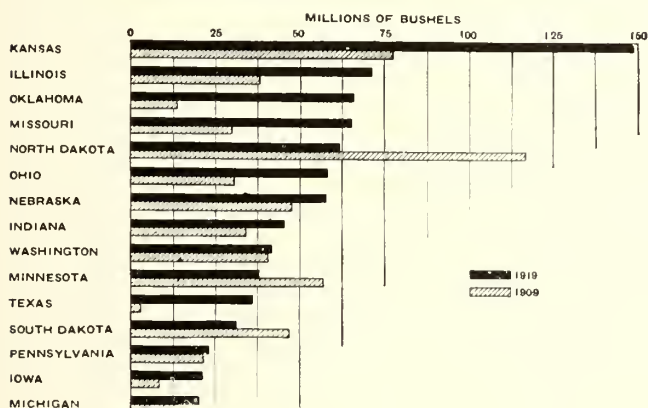
1. PRODUCTION OF WHEAT IN THE UNITED STATES: 1849-1919.



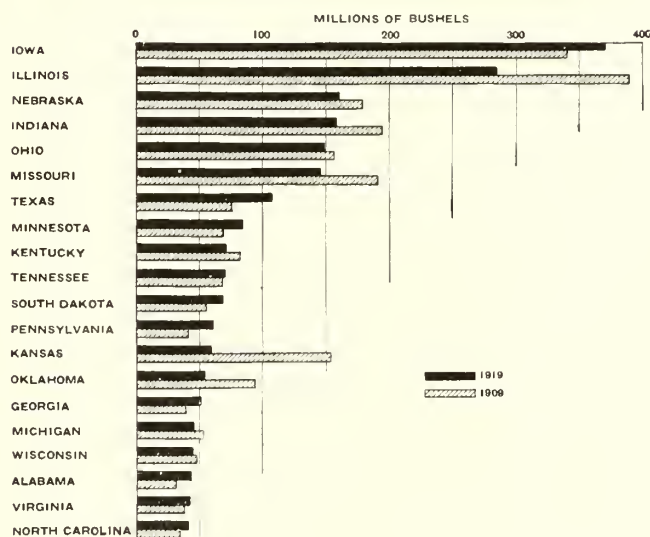
2. PRODUCTION OF CORN IN THE UNITED STATES: 1849-1919.



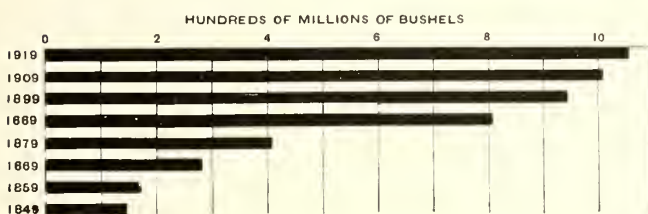
3. PRODUCTION OF WHEAT, 15 LEADING STATES: 1919 AND 1909.



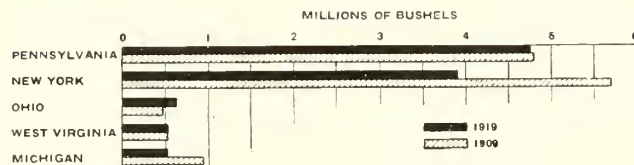
4. PRODUCTION OF CORN, 20 LEADING STATES: 1919 AND 1909.



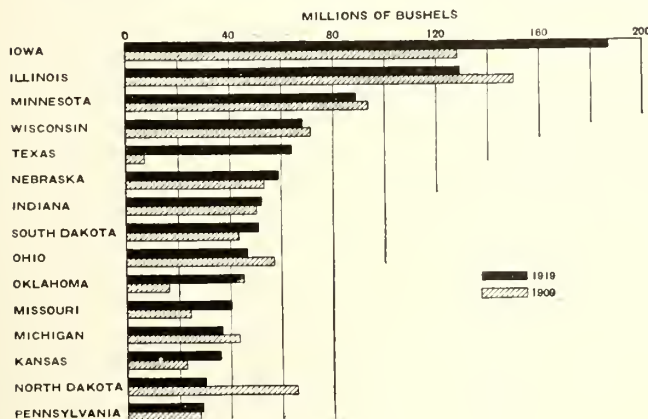
5. PRODUCTION OF OATS IN THE UNITED STATES: 1849-1919.



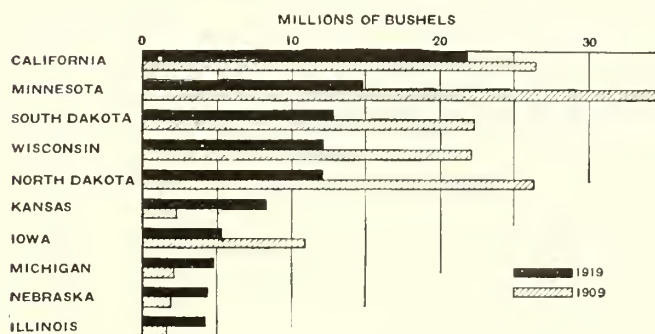
6. PRODUCTION OF BUCKWHEAT, 5 LEADING STATES: 1919 AND 1909.



7. PRODUCTION OF OATS, 15 LEADING STATES: 1919 AND 1909.

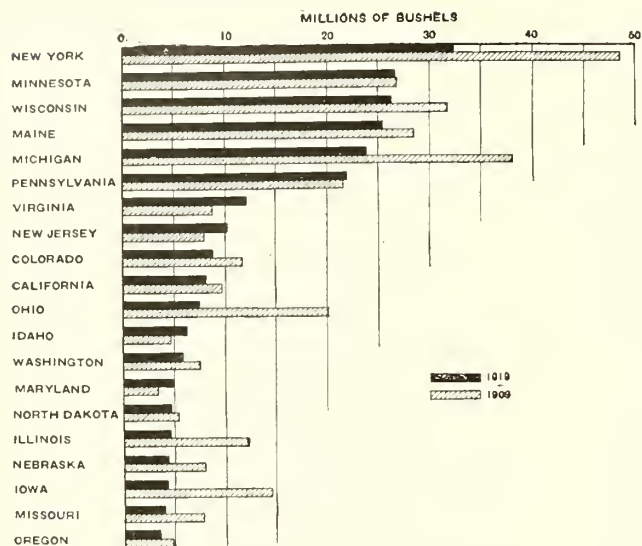


8. PRODUCTION OF BARLEY, 10 LEADING STATES: 1919 AND 1909.

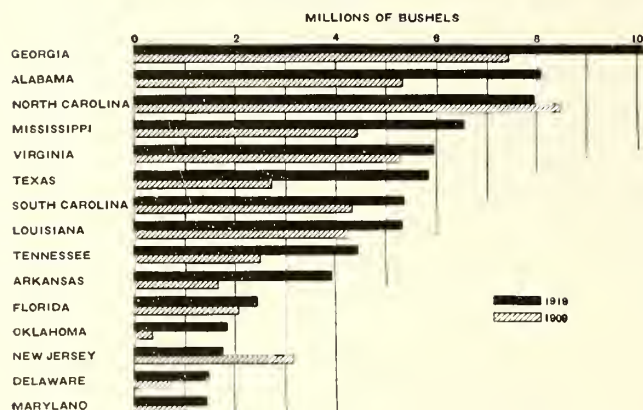




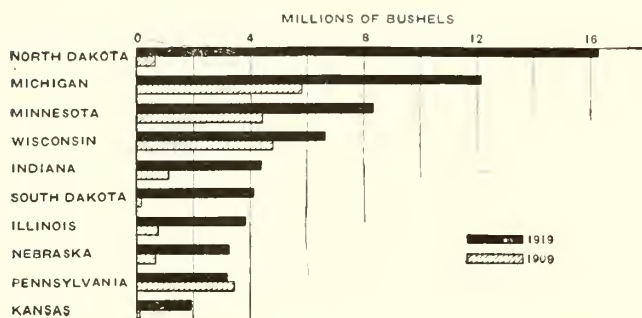
1. PRODUCTION OF POTATOES, 20 LEADING STATES: 1919 AND 1909.



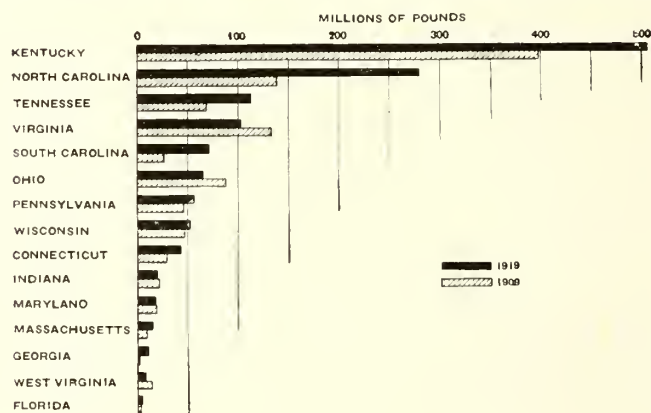
2. PRODUCTION OF SWEET POTATOES, 15 LEADING STATES: 1919 AND 1909.



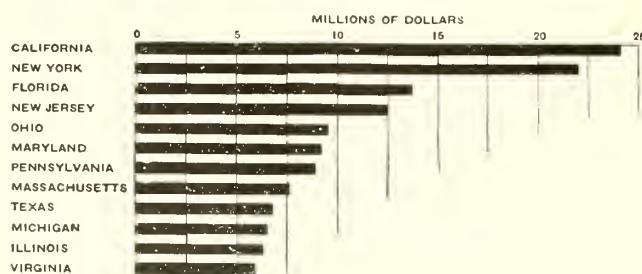
3. PRODUCTION OF RYE, 10 LEADING STATES: 1919 AND 1909.



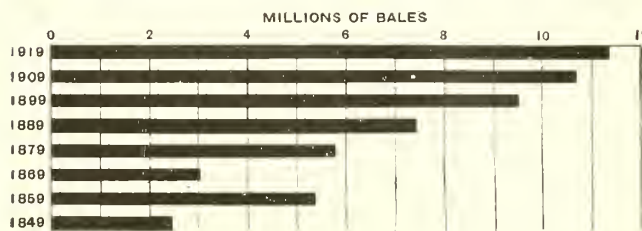
4. PRODUCTION OF TOBACCO, 15 LEADING STATES: 1919 AND 1909.



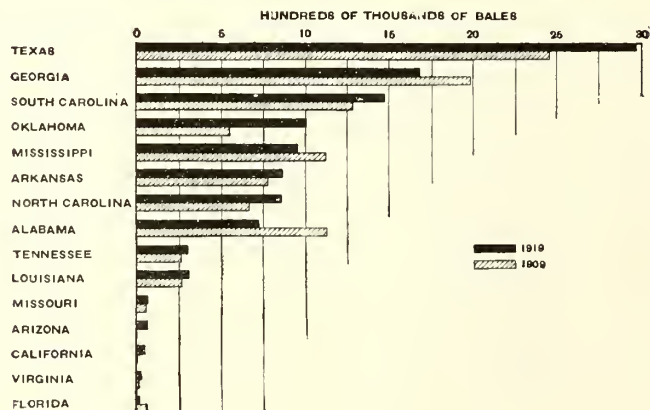
5. VALUE OF VEGETABLES RAISED FOR SALE, 12 LEADING STATES: 1919.

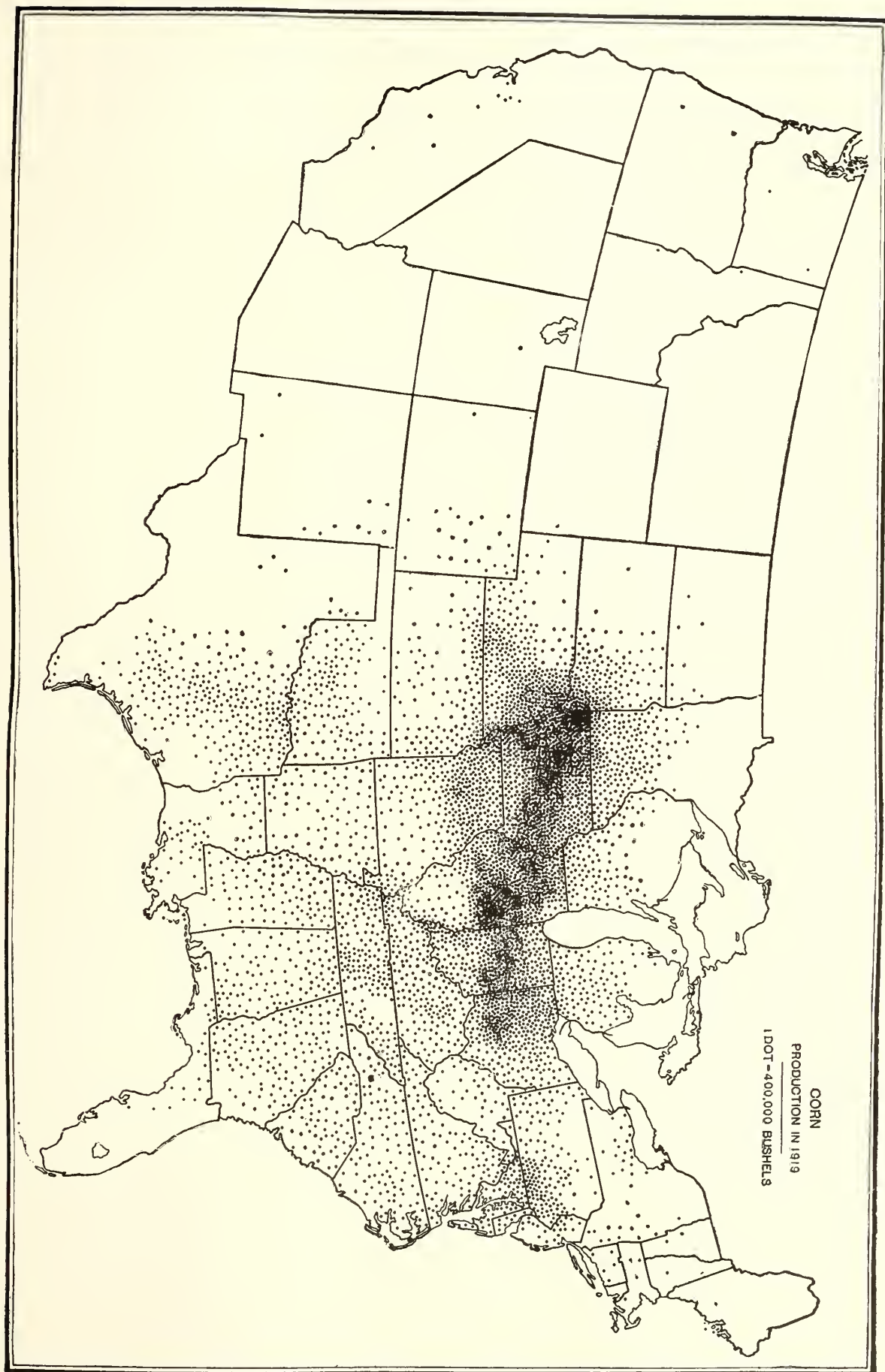


6. PRODUCTION OF COTTON IN THE UNITED STATES: 1849-1919.

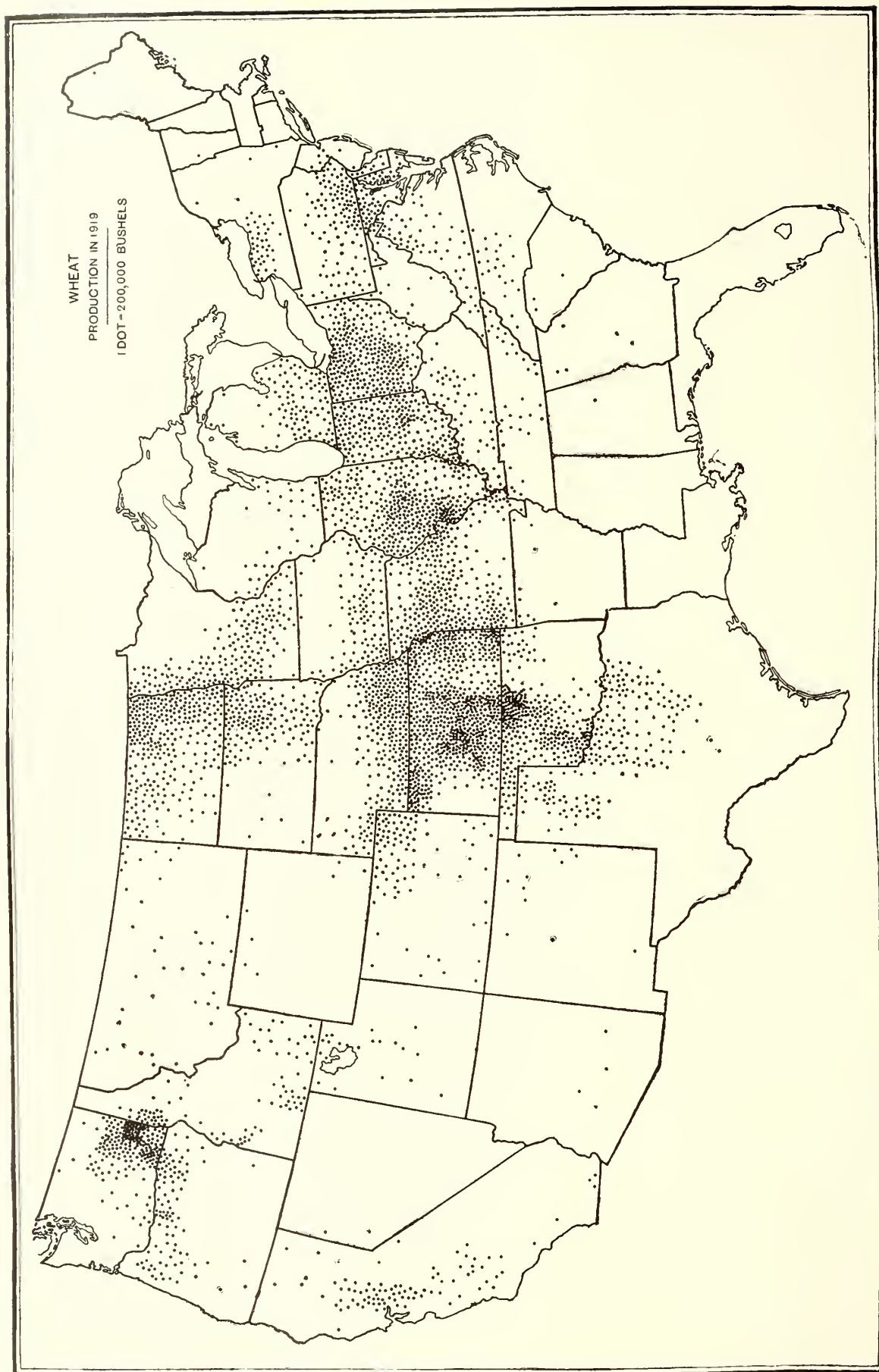


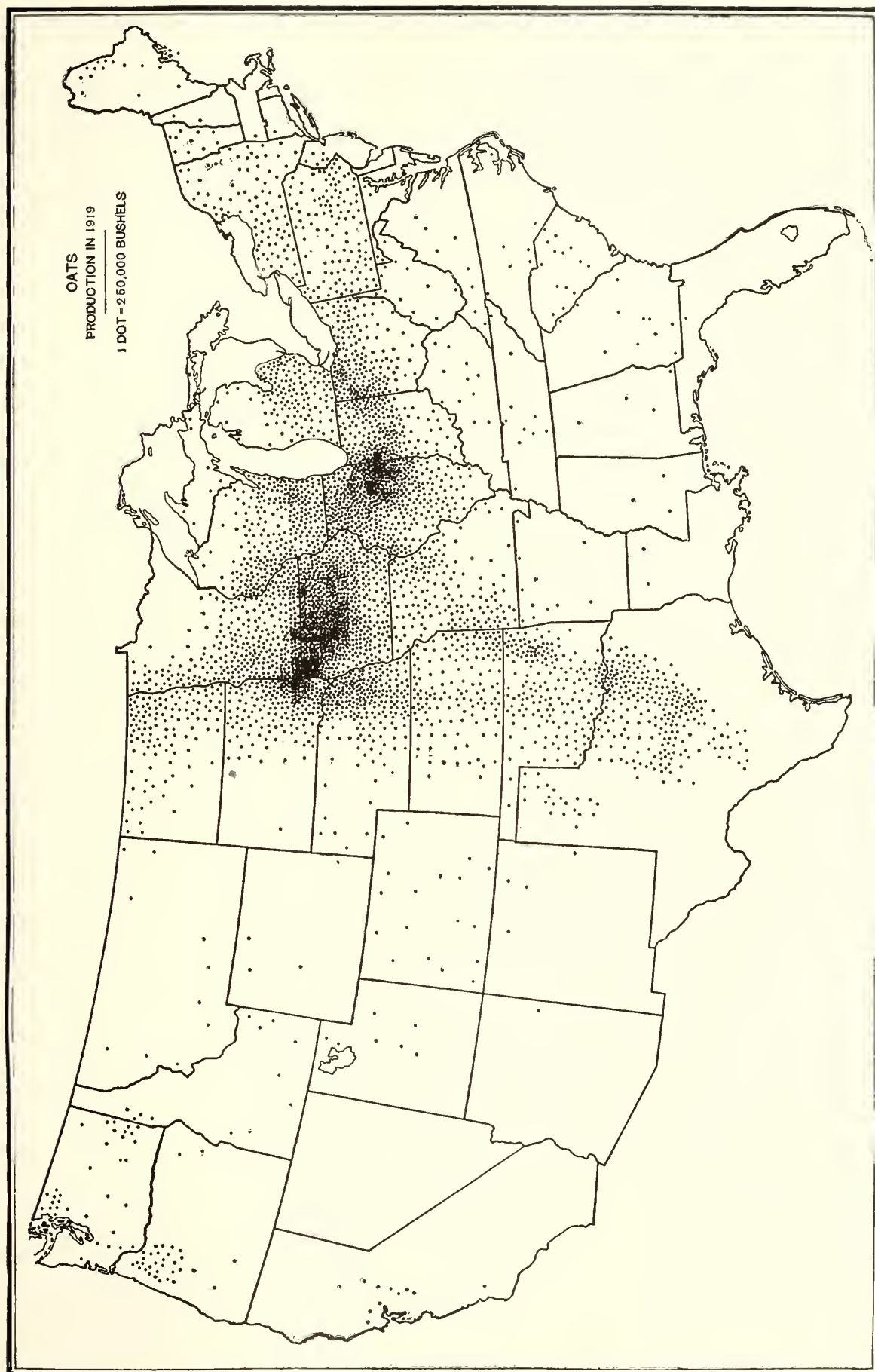
7. PRODUCTION OF COTTON, 15 LEADING STATES: 1919 AND 1909.



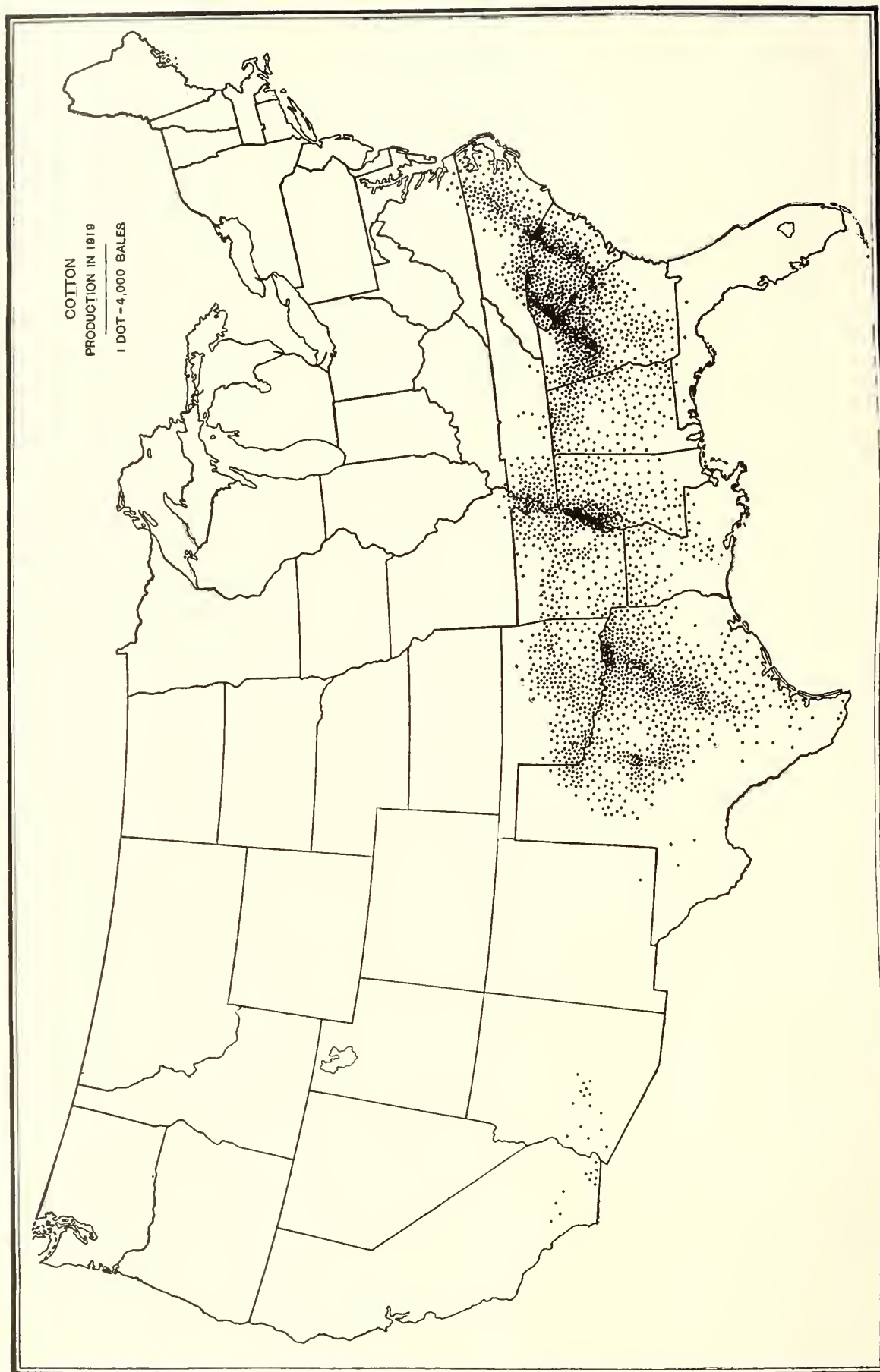




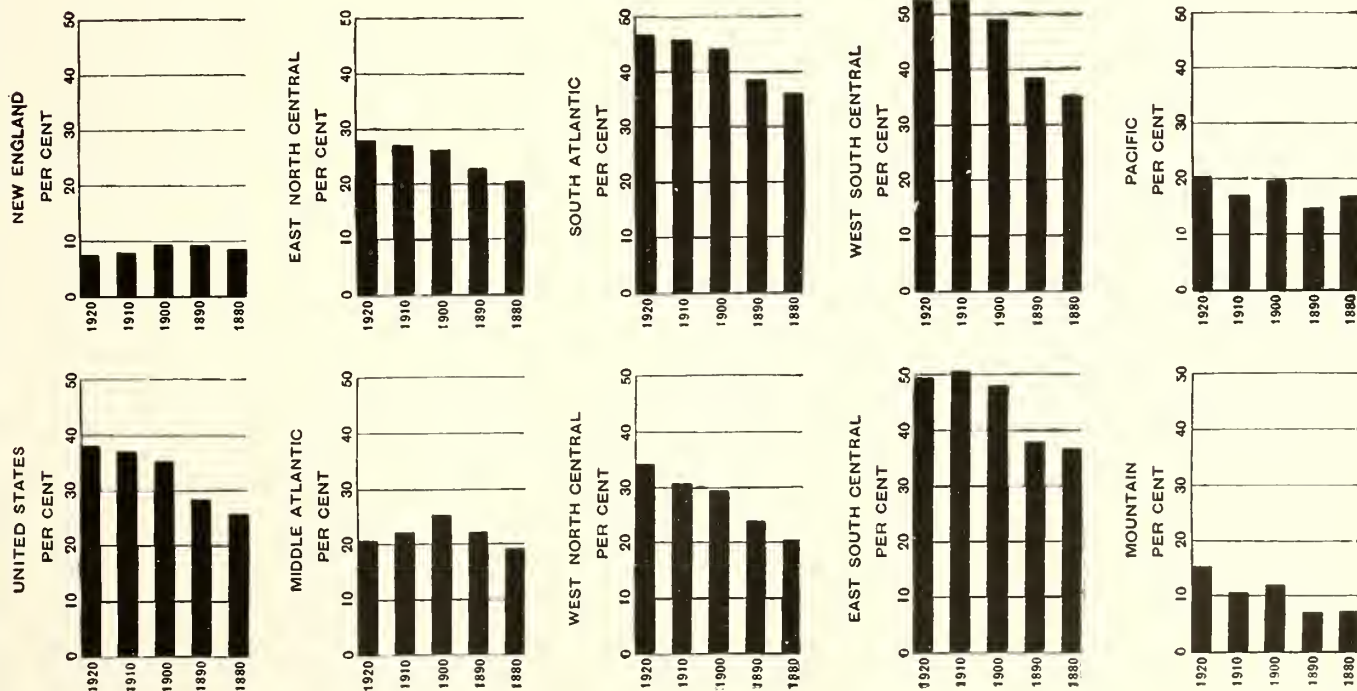




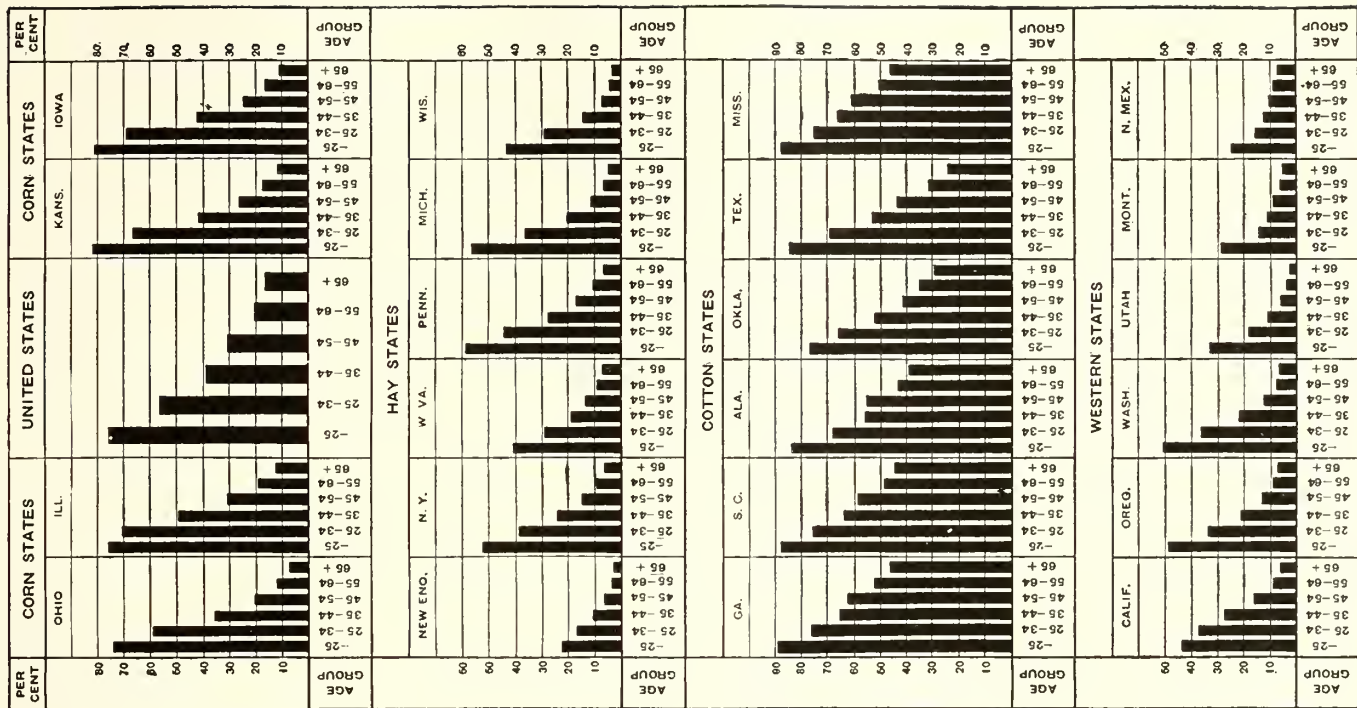




1. PER CENT OF ALL FARMS OPERATED BY TENANTS, BY GEOGRAPHIC DIVISIONS: 1880-1920.

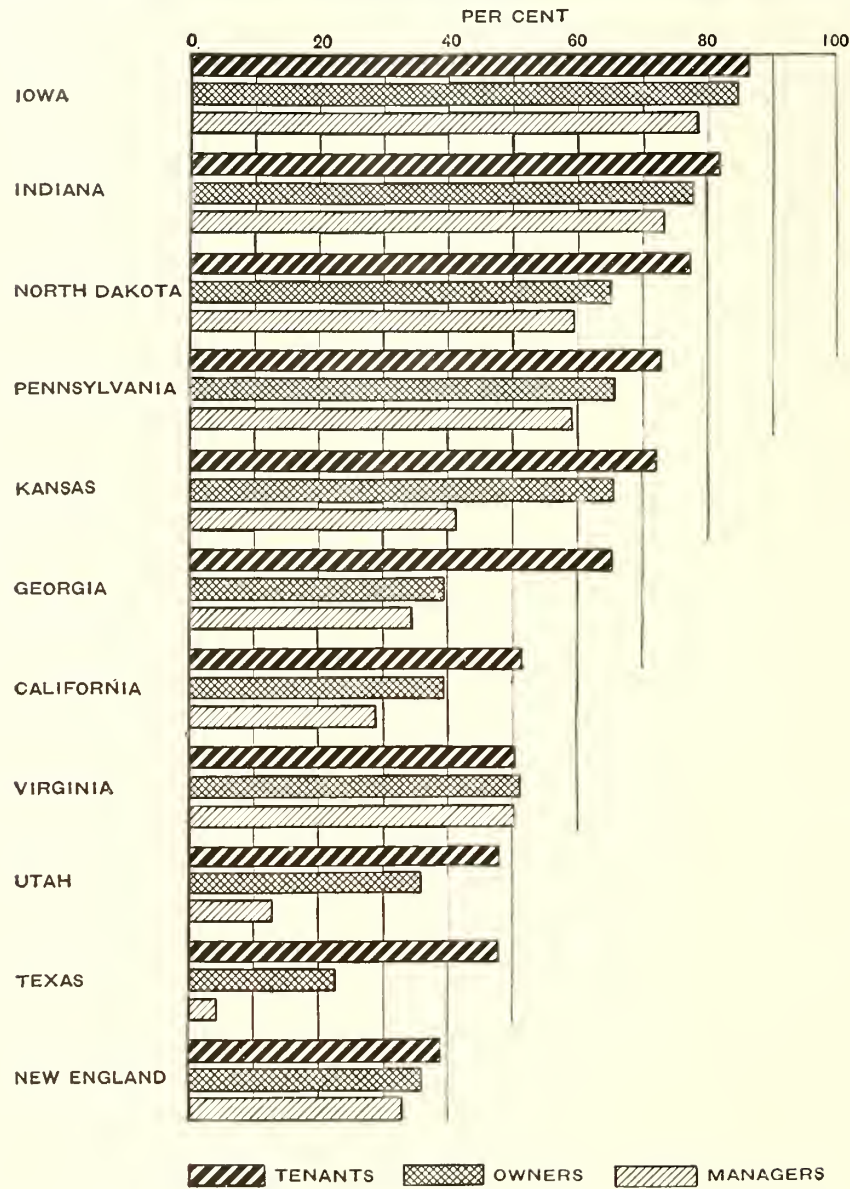


2. PER CENT OF TENANCY IN EACH AGE GROUP, FOR SELECTED STATES: 1920.

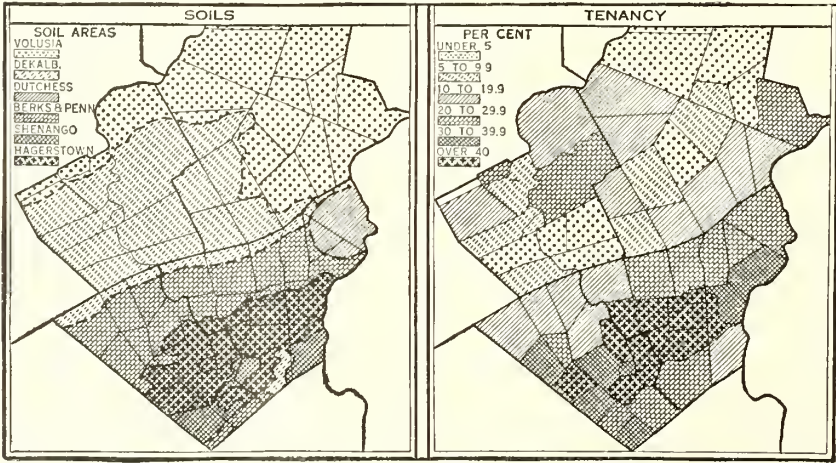




1. PER CENT OF IMPROVED LAND IN FARMS OPERATED BY TENANTS, OWNERS, AND MANAGERS, FOR SELECTED STATES: 1920.

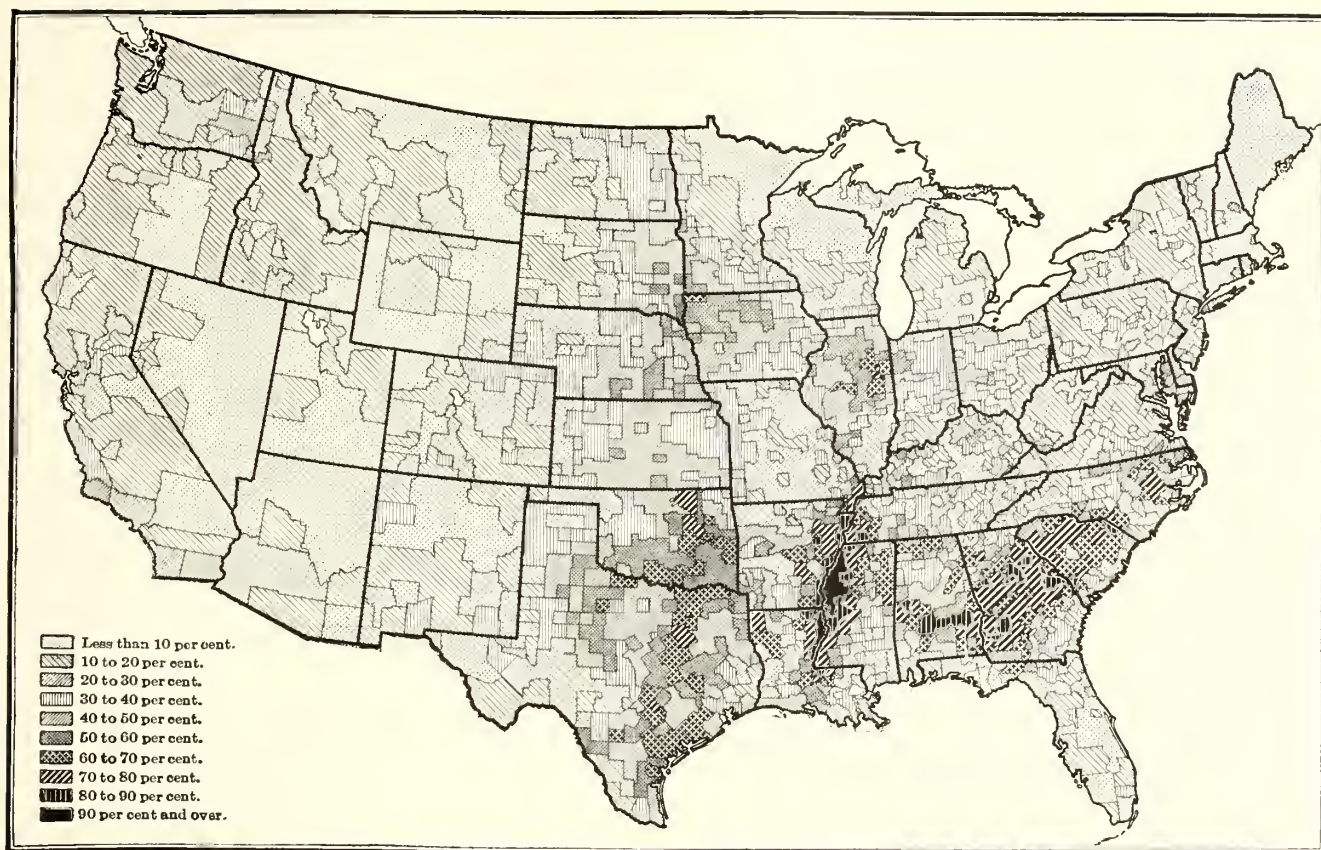


2. RELATION BETWEEN QUALITY OF SOIL AND PER CENT OF TENANCY: MONROE, NORTHAMPTON, LEHIGH, AND CARBON COUNTIES, PA.



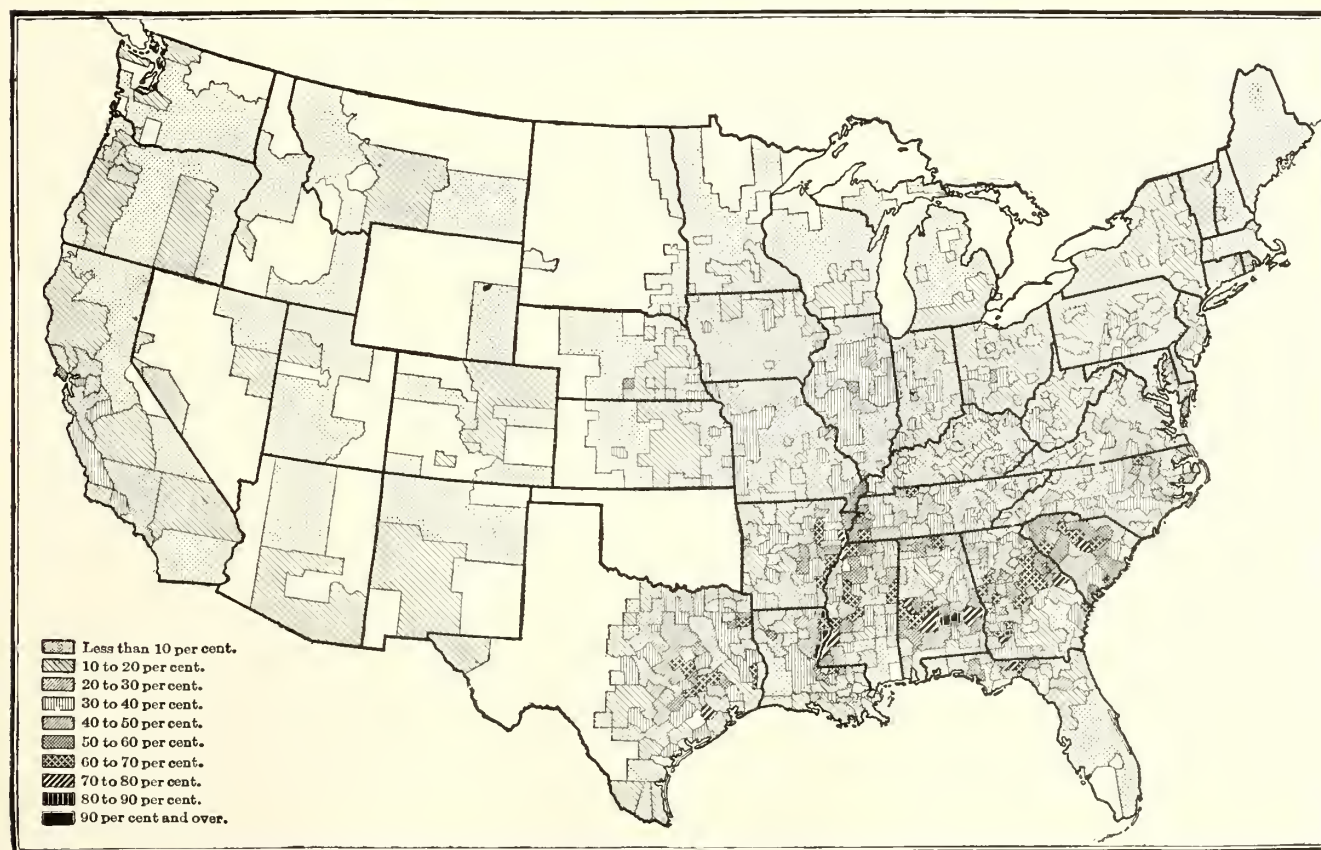


1. PER CENT OF FARMS OPERATED BY TENANTS, BY COUNTIES: 1920.



2. PER CENT OF FARMS OPERATED BY TENANTS, BY COUNTIES: 1880.

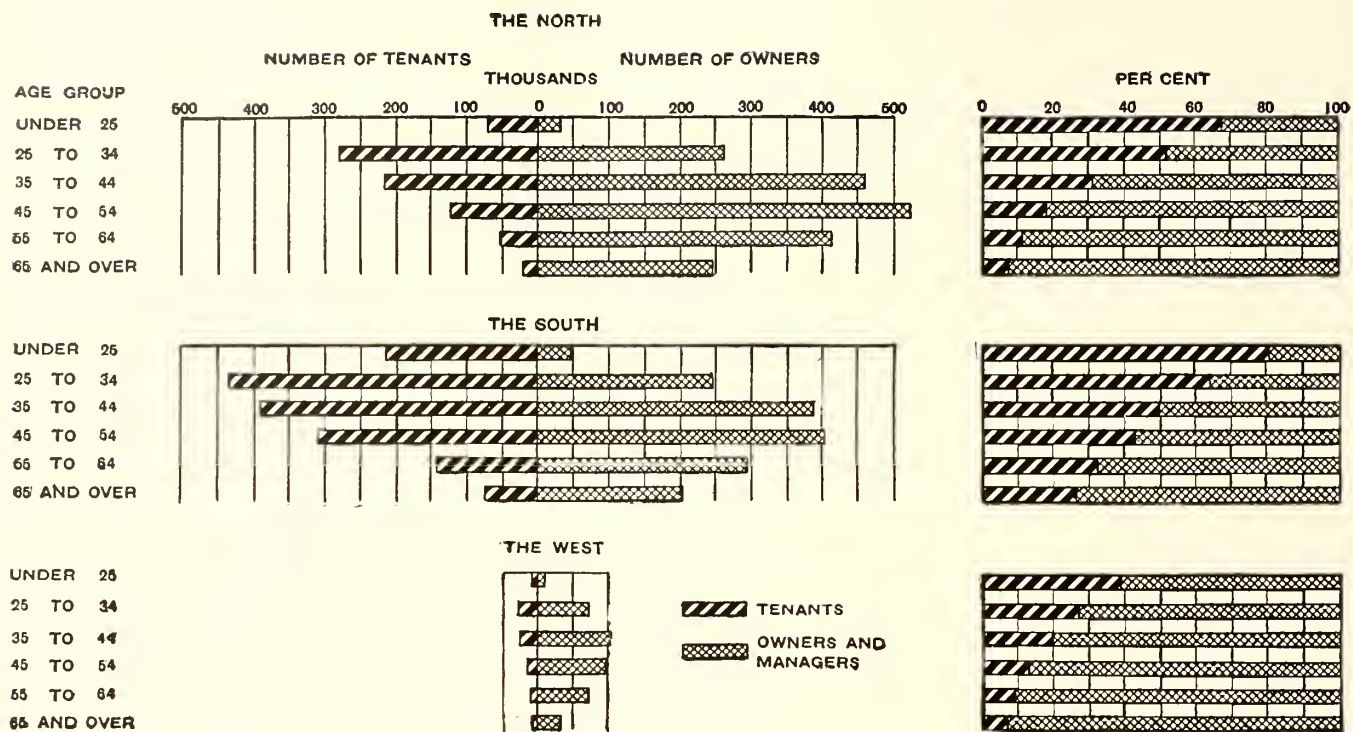
[Areas left blank on the map represent counties which had less than 100 farms in 1880.]



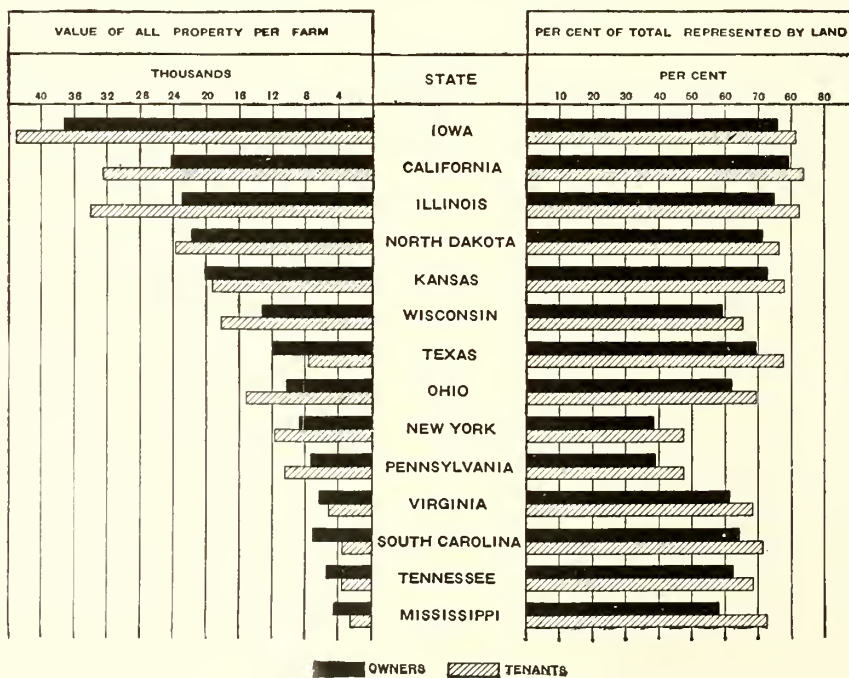


# 1. NUMBER AND PER CENT OF TENANTS AND OWNERS, BY AGE, FOR THE NORTH, SOUTH, AND WEST: 1920.

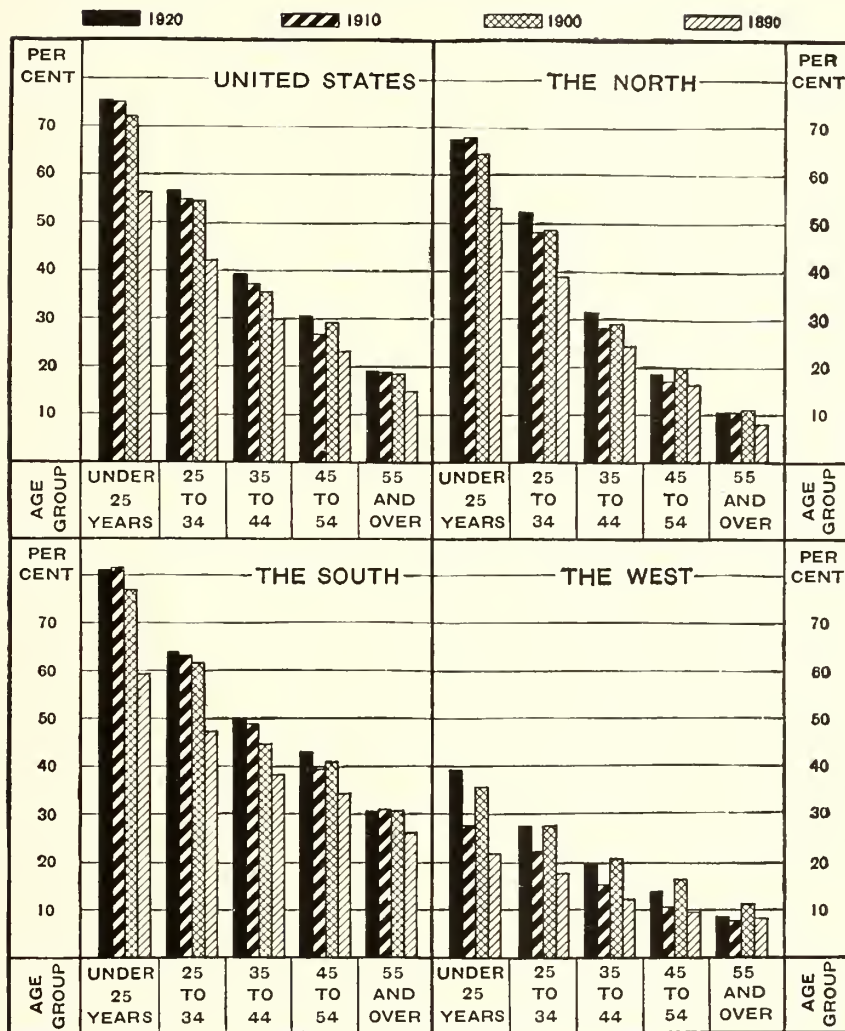
[Managers are included with owners.]



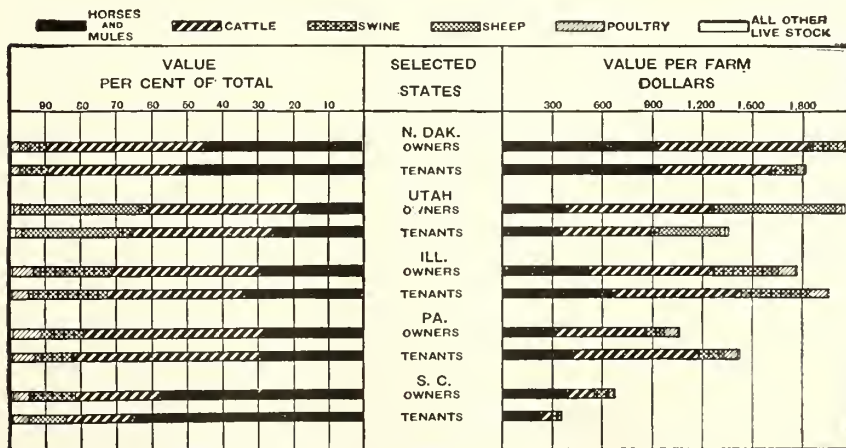
## 2. AVERAGE VALUE OF FARM PROPERTY PER FARM, AND PER CENT REPRESENTED BY LAND, FOR OWNERS AND TENANTS IN SELECTED STATES: 1920.



1. PER CENT OF TENANCY IN EACH AGE GROUP, FOR THE NORTH, SOUTH, AND WEST:  
1890 TO 1920.

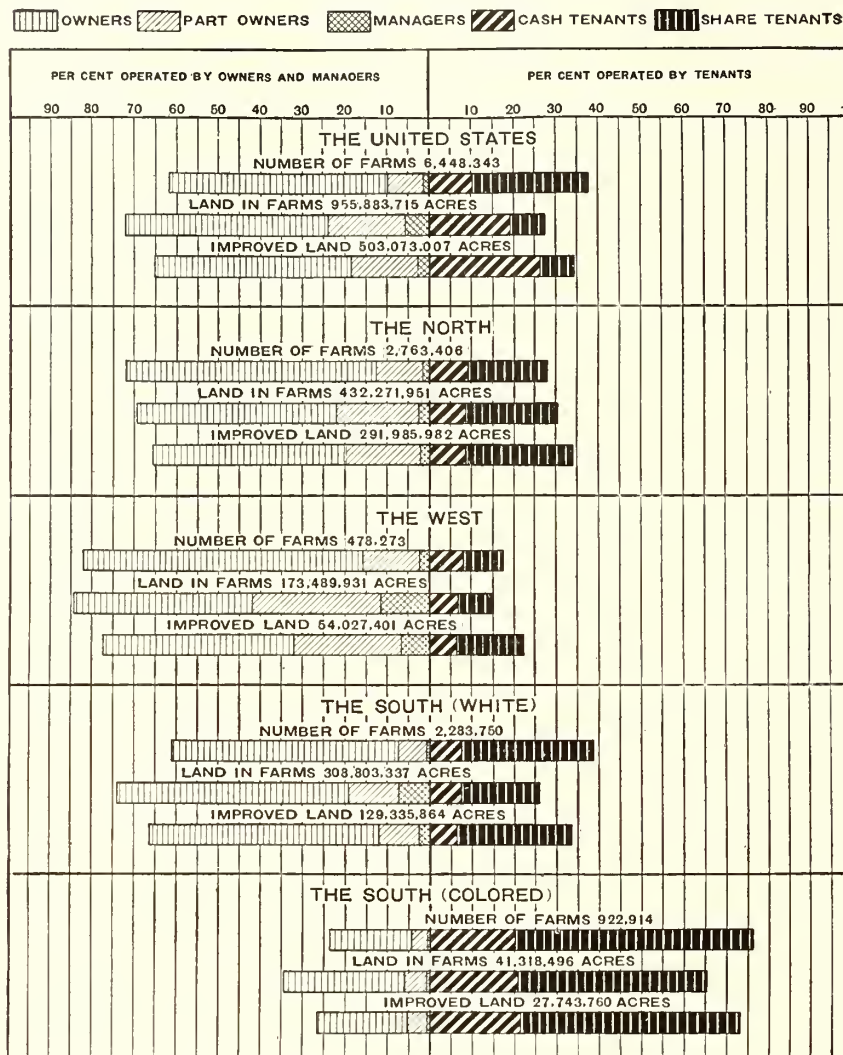


2. PER CENT DISTRIBUTION OF VALUE OF LIVE STOCK, BY CLASSES, AND AVERAGE VALUE PER FARM, FOR OWNERS AND TENANTS, IN SELECTED STATES: 1920.

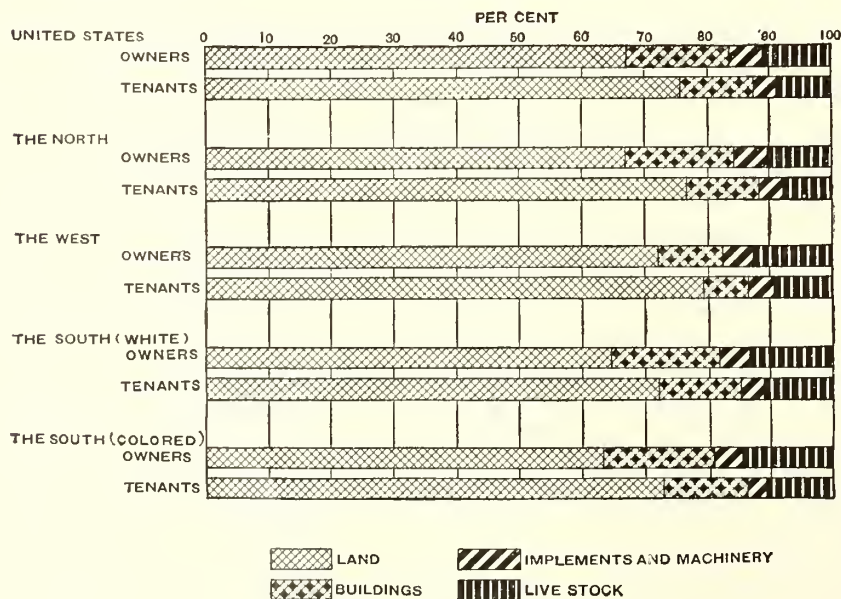




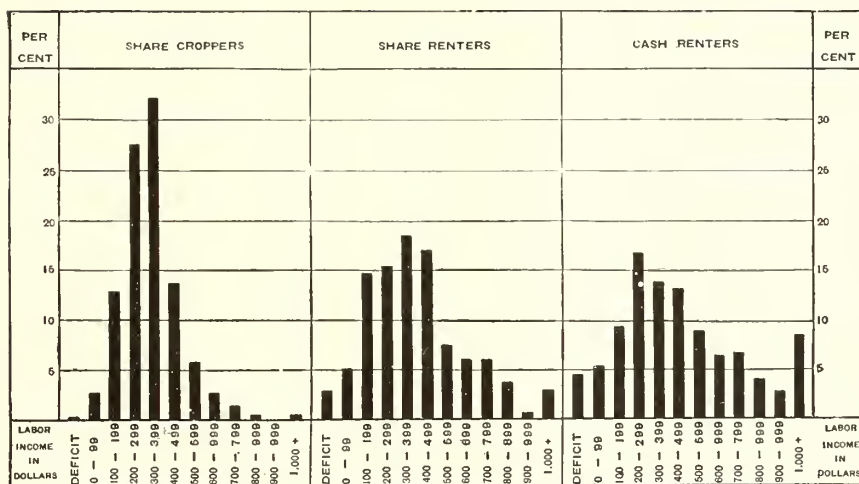
1. PER CENT DISTRIBUTION OF FARMS AND FARM ACREAGE, BY TENURE, FOR THE NORTH, SOUTH, AND WEST: 1920.



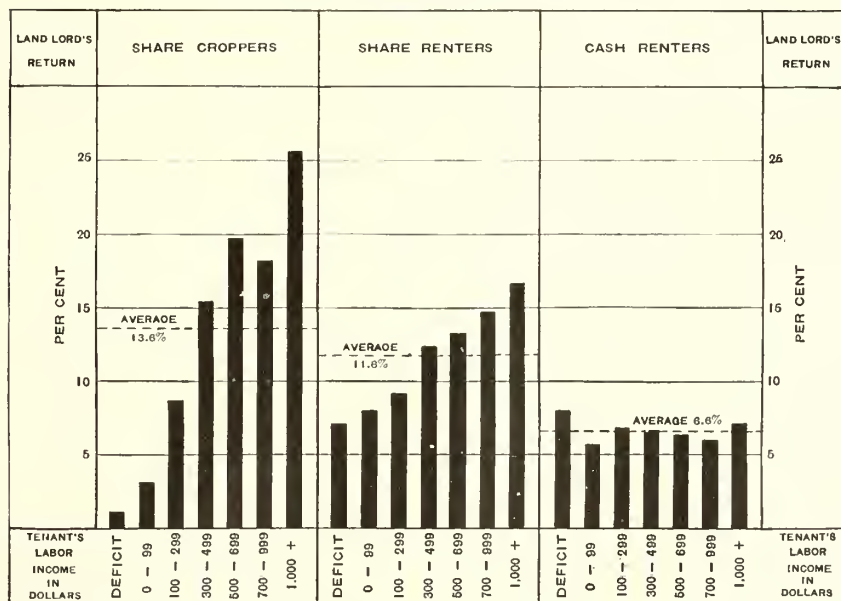
2. PER CENT OF TOTAL VALUE OF FARM PROPERTY REPRESENTED BY EACH CLASS, FOR OWNERS AND TENANTS, IN THE NORTH, SOUTH, AND WEST: 1920.



1. PER CENT OF TENANTS IN EACH LABOR-INCOME GROUP, YAZOO-MISSISSIPPI DELTA:  
1913.



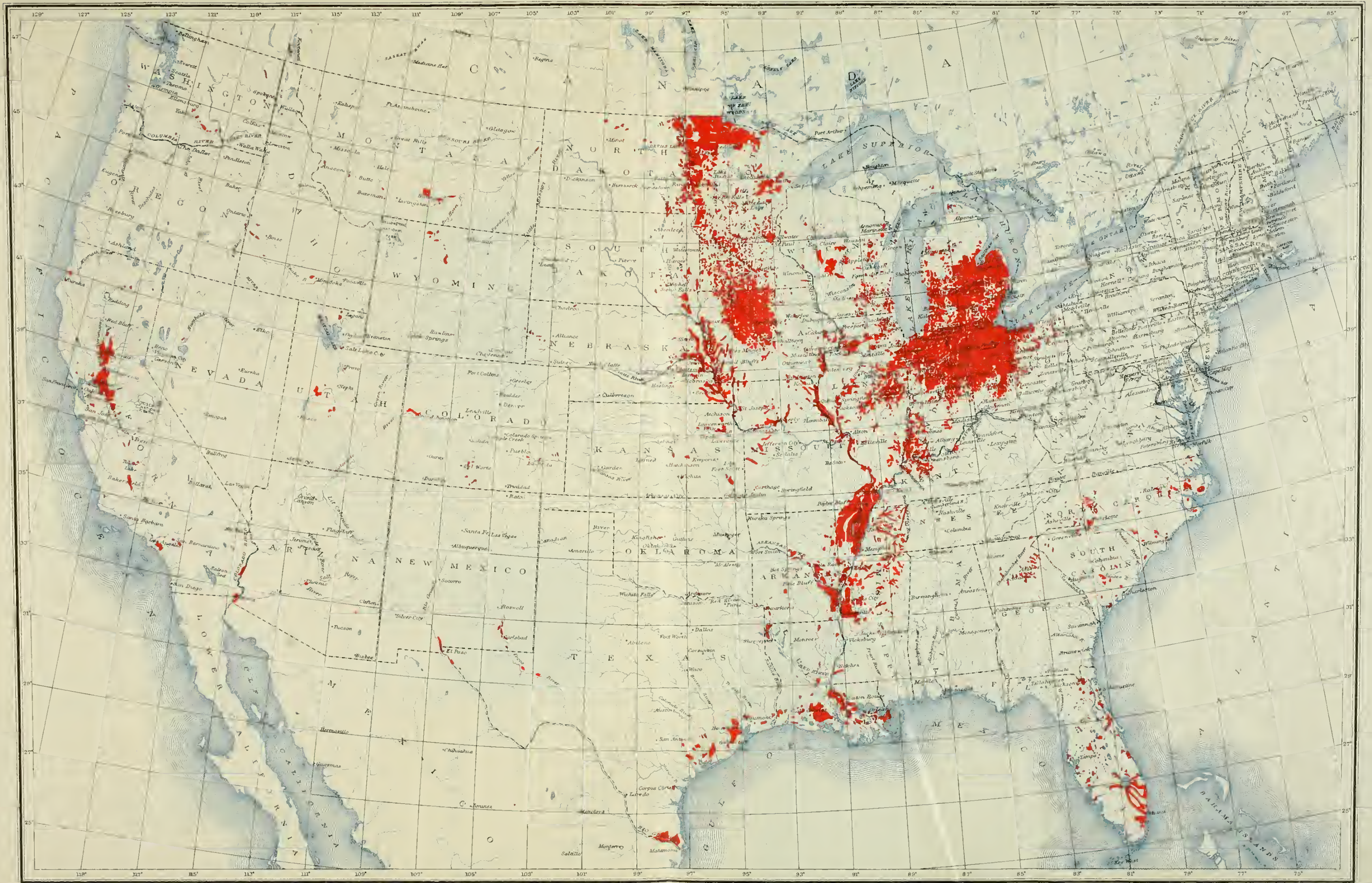
2. RETURN ON LANDLORD'S INVESTMENT, IN RELATION TO TENANT'S LABOR INCOME, YAZOO-MISSISSIPPI DELTA: 1913.











Operating drainage enterprises shown in red

ENGRAVED BY U.S.G.S.

Scale 1:1,000,000

100 0 100 200 300 400 500 600 Miles

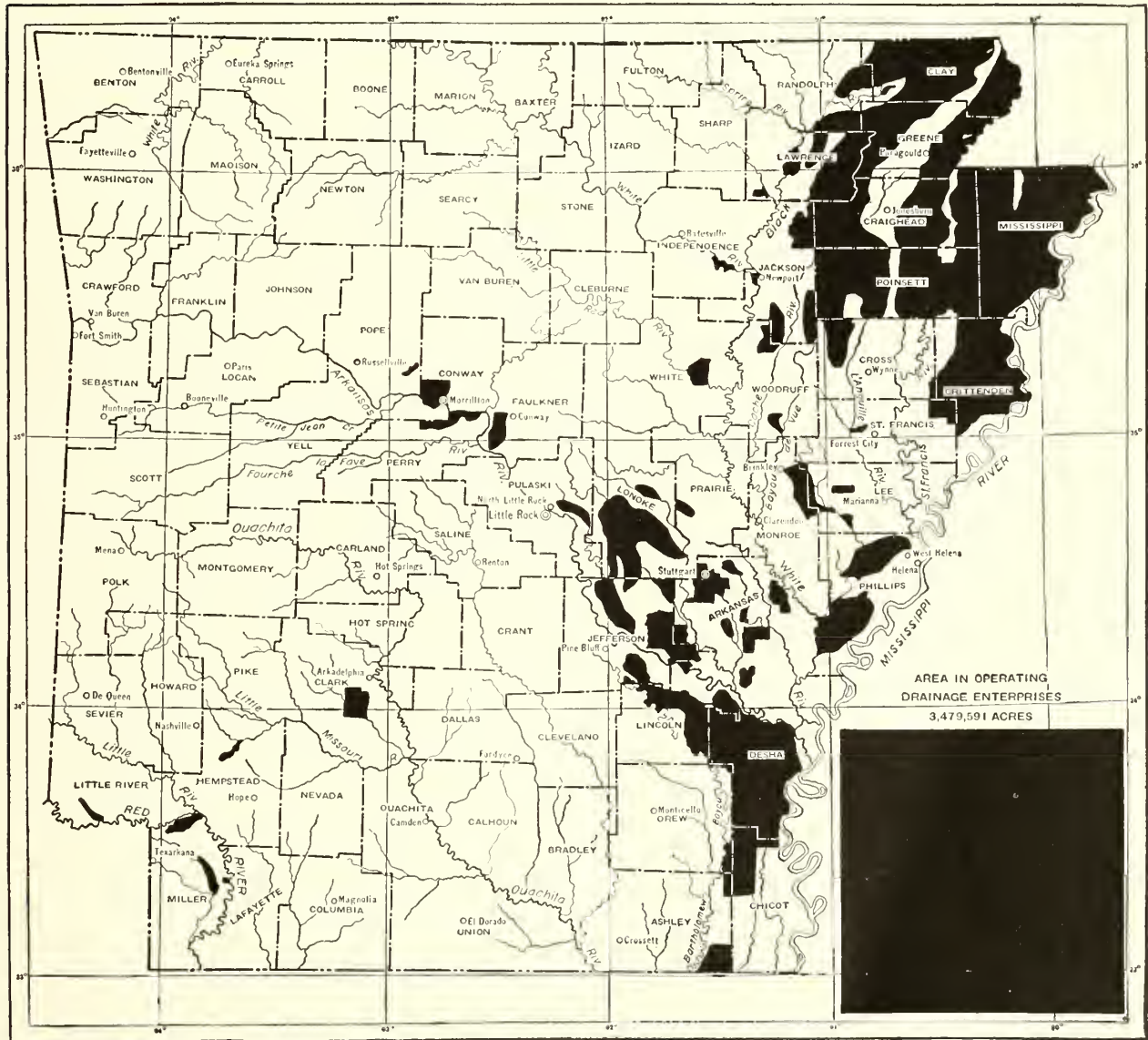
ENGRAVED AND PRINTED BY THE U.S. GEOLOGICAL SURVEY





APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

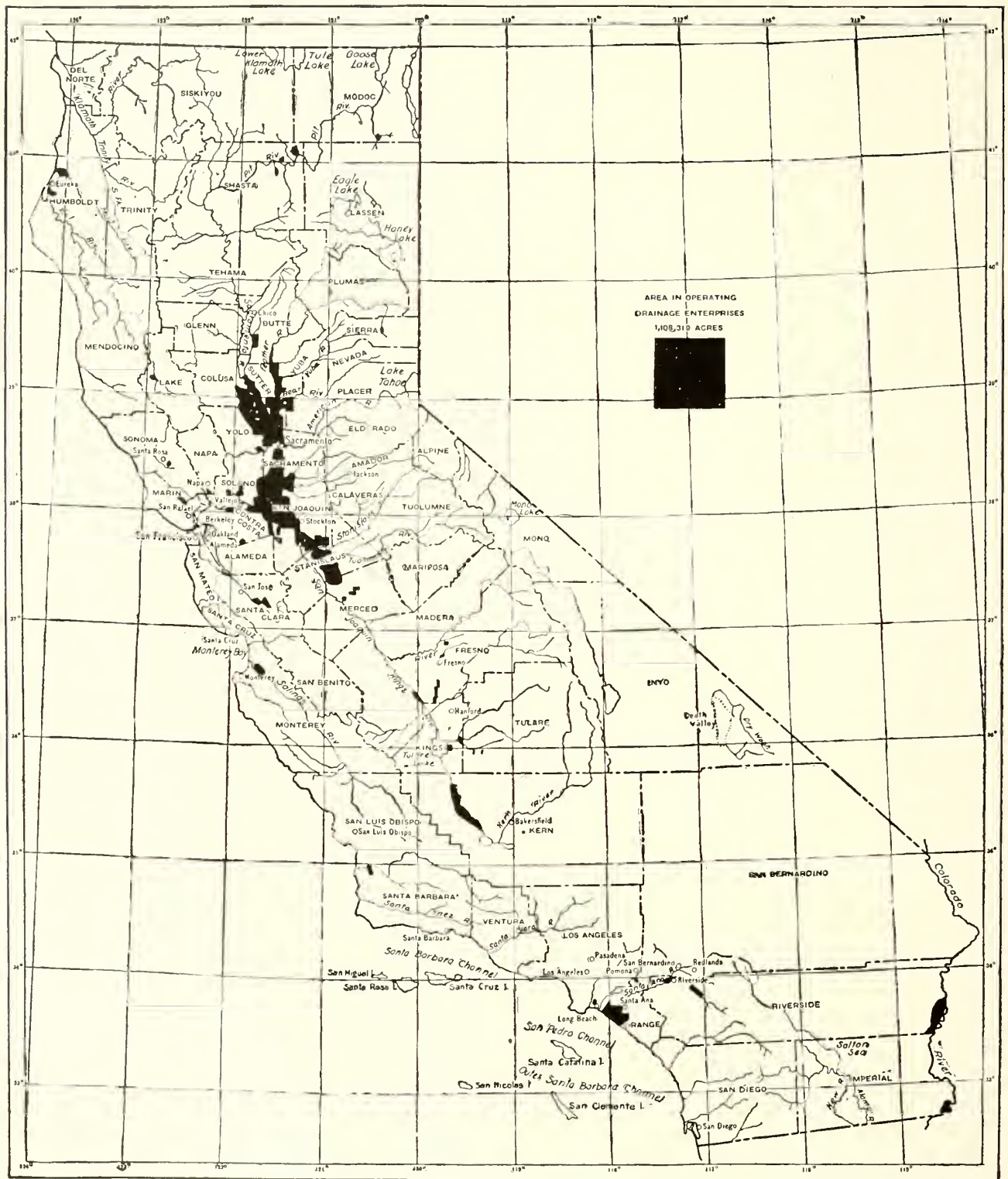
ARKANSAS.





APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

CALIFORNIA.

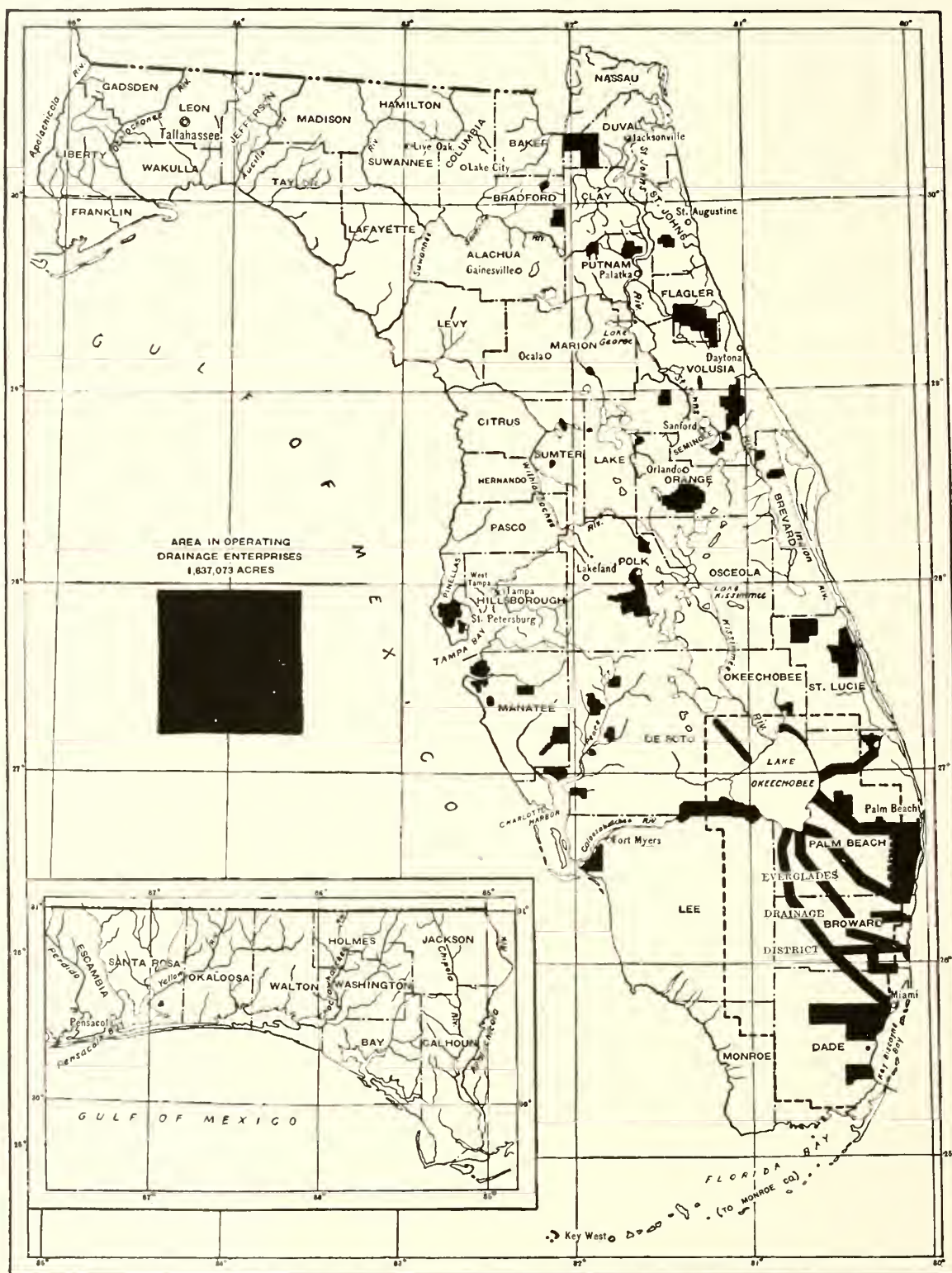






APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES:<sup>1</sup> 1920.

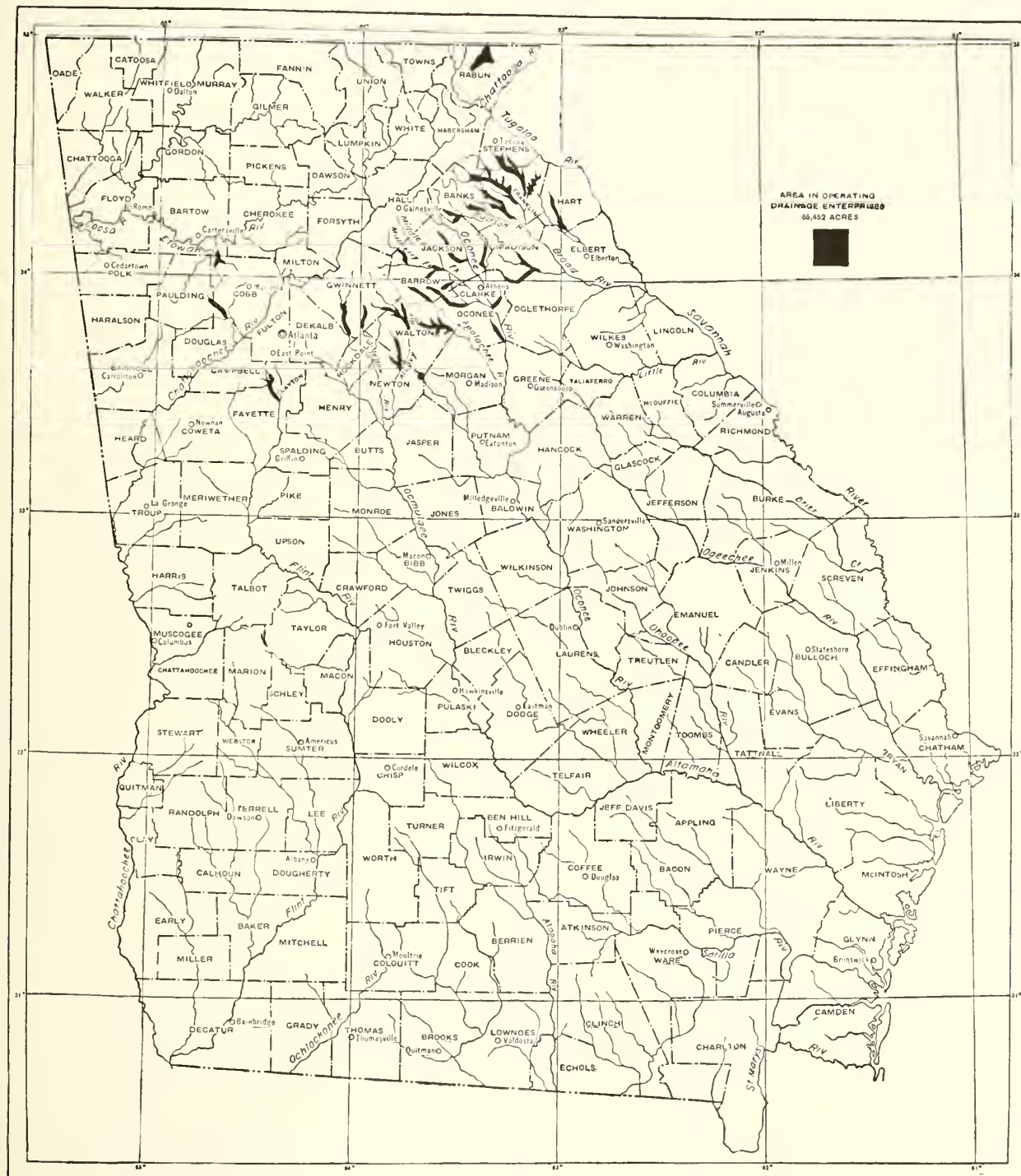
FLORIDA.



<sup>1</sup>Boundary of Everglades Drainage District shown thus: - - - - -

# APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

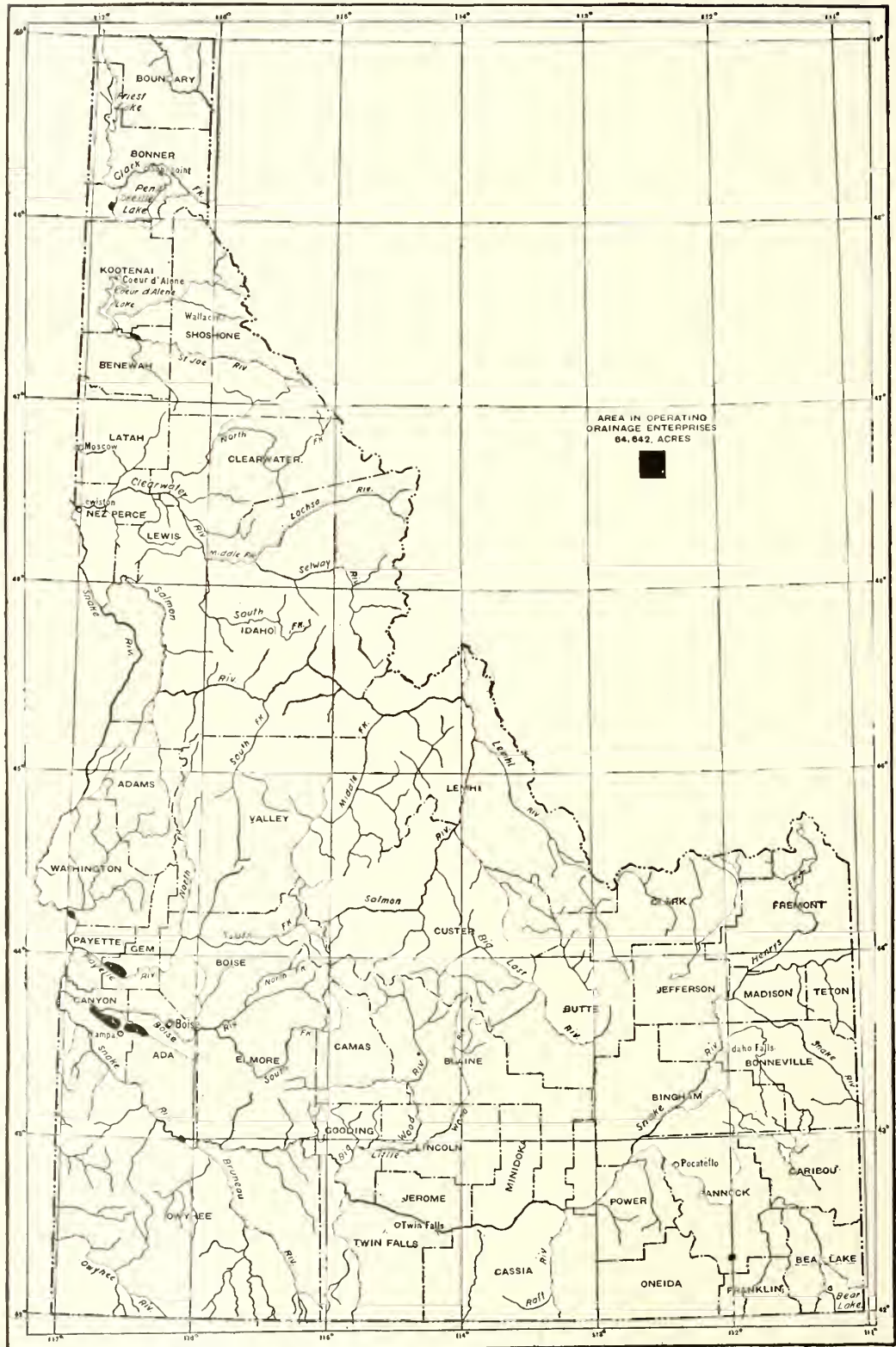
## GEORGIA.





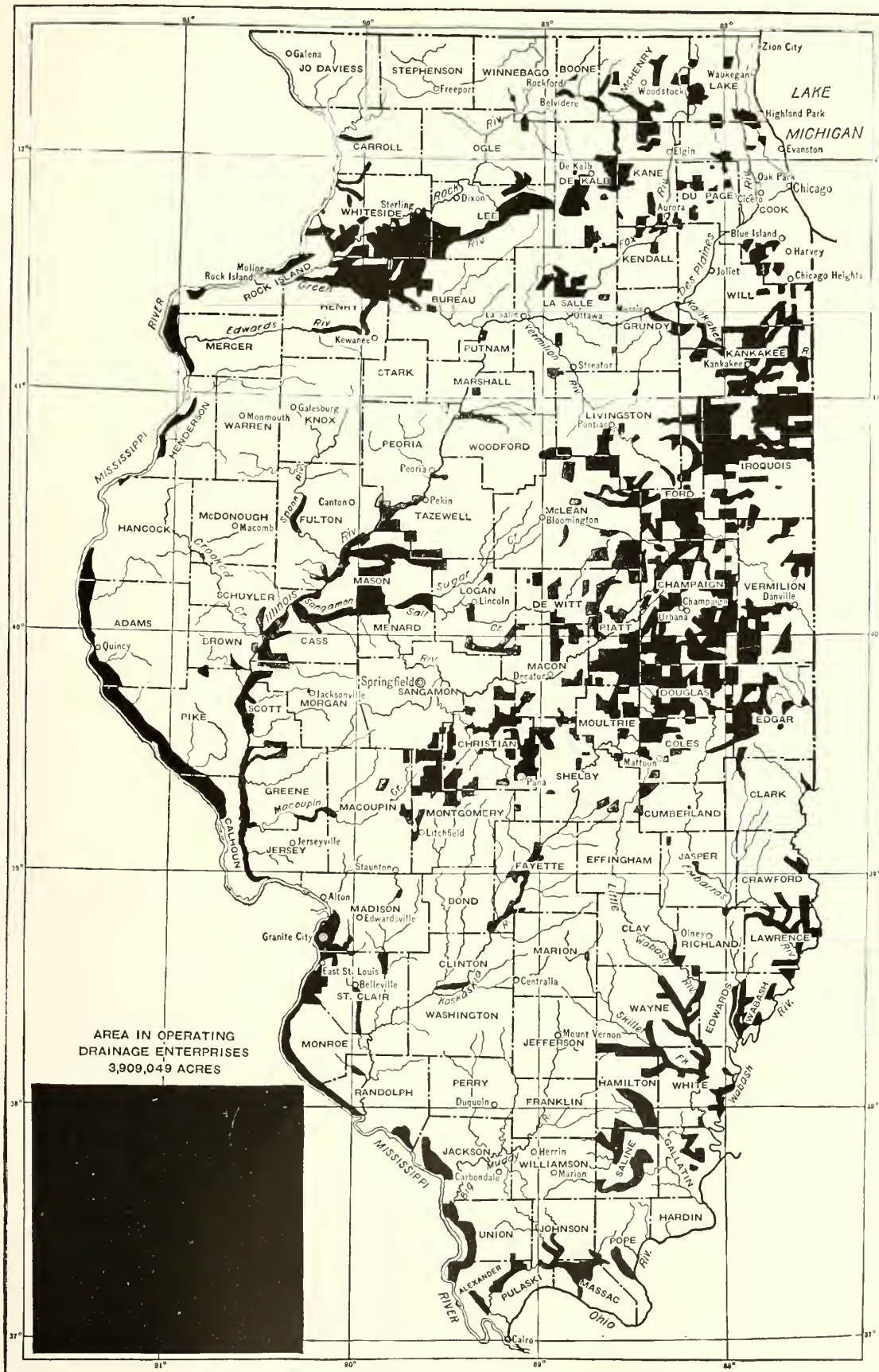
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

IDAHO.



APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

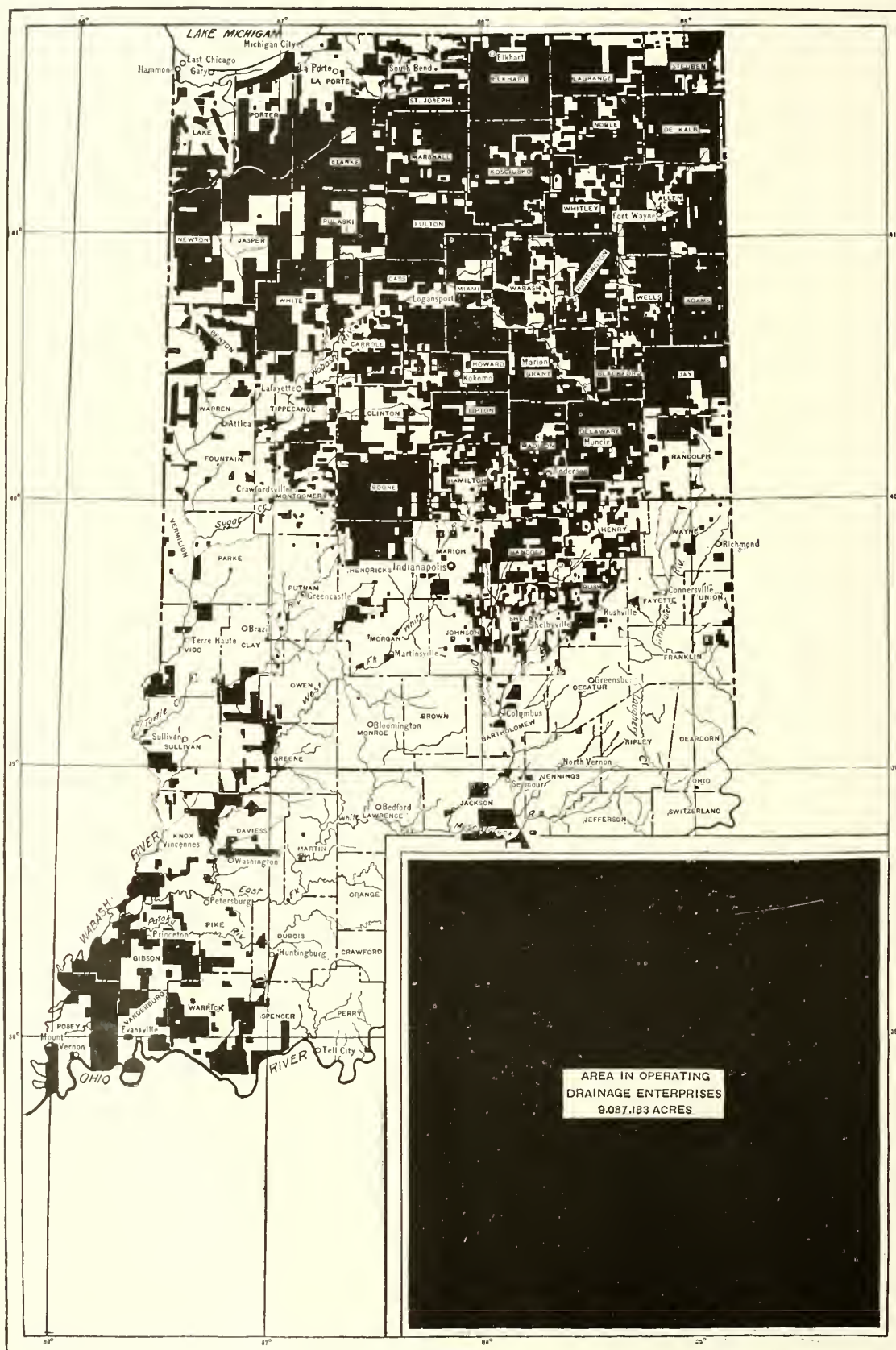
ILLINOIS.



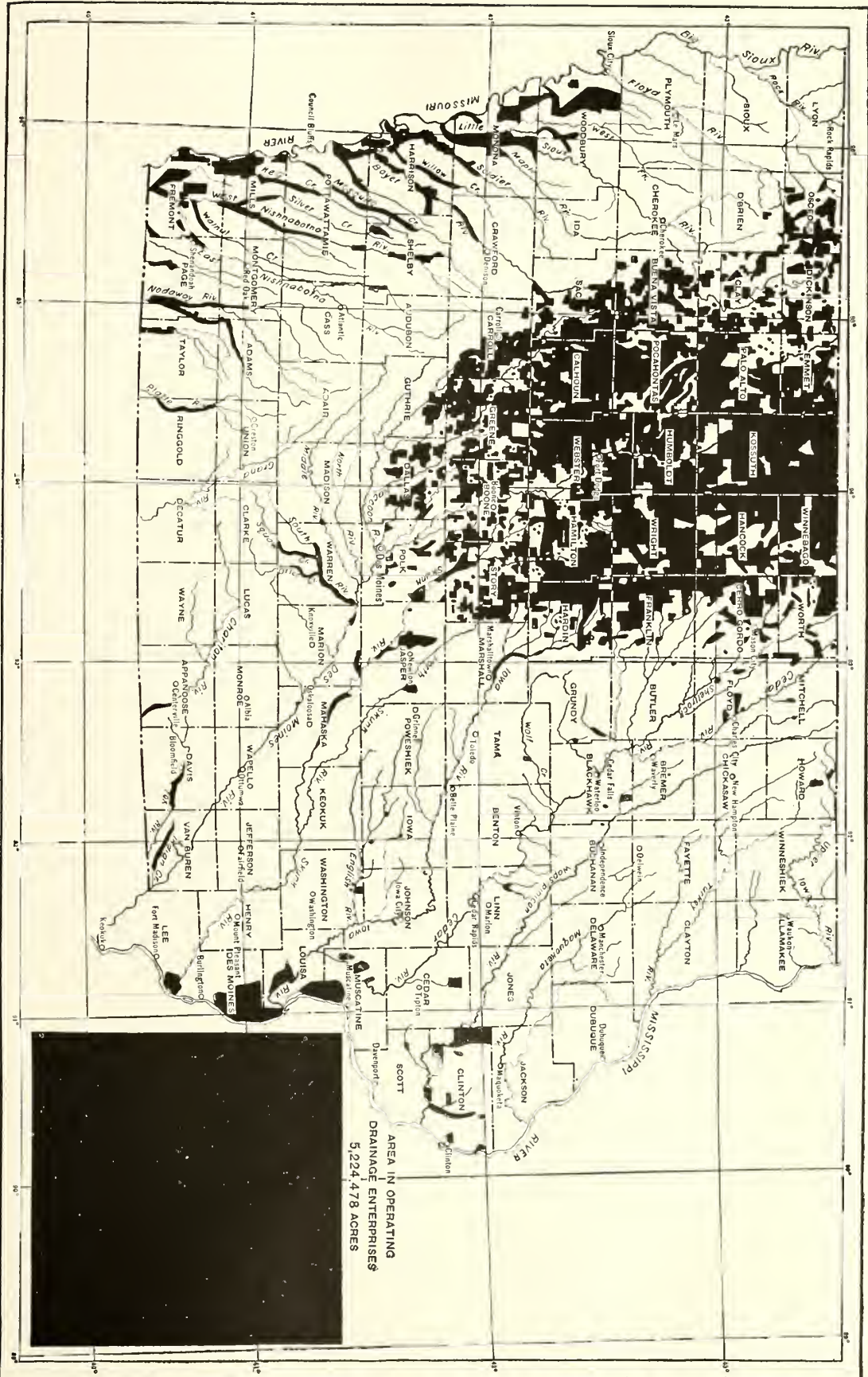


APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

INDIANA.

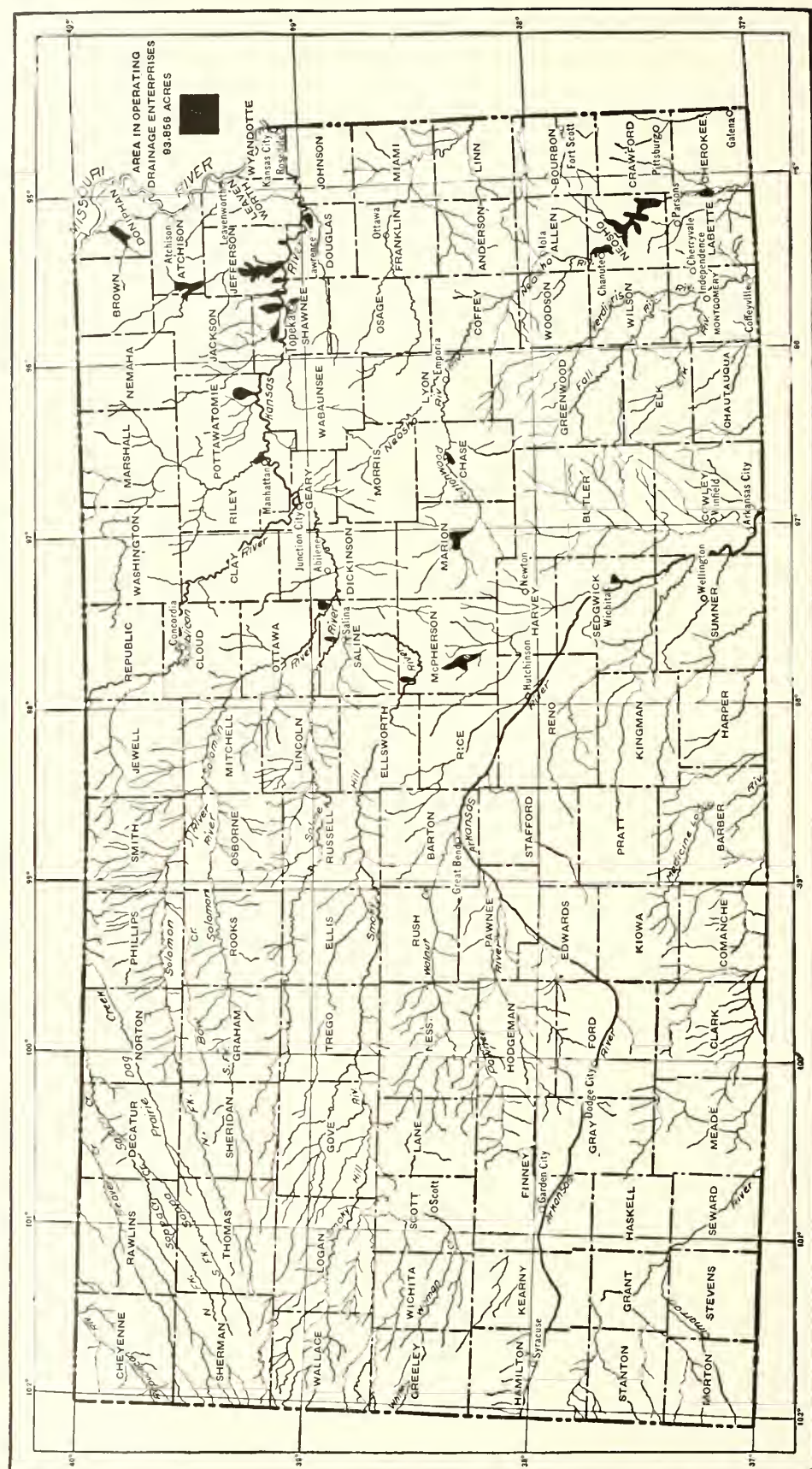


APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.  
IOWA.





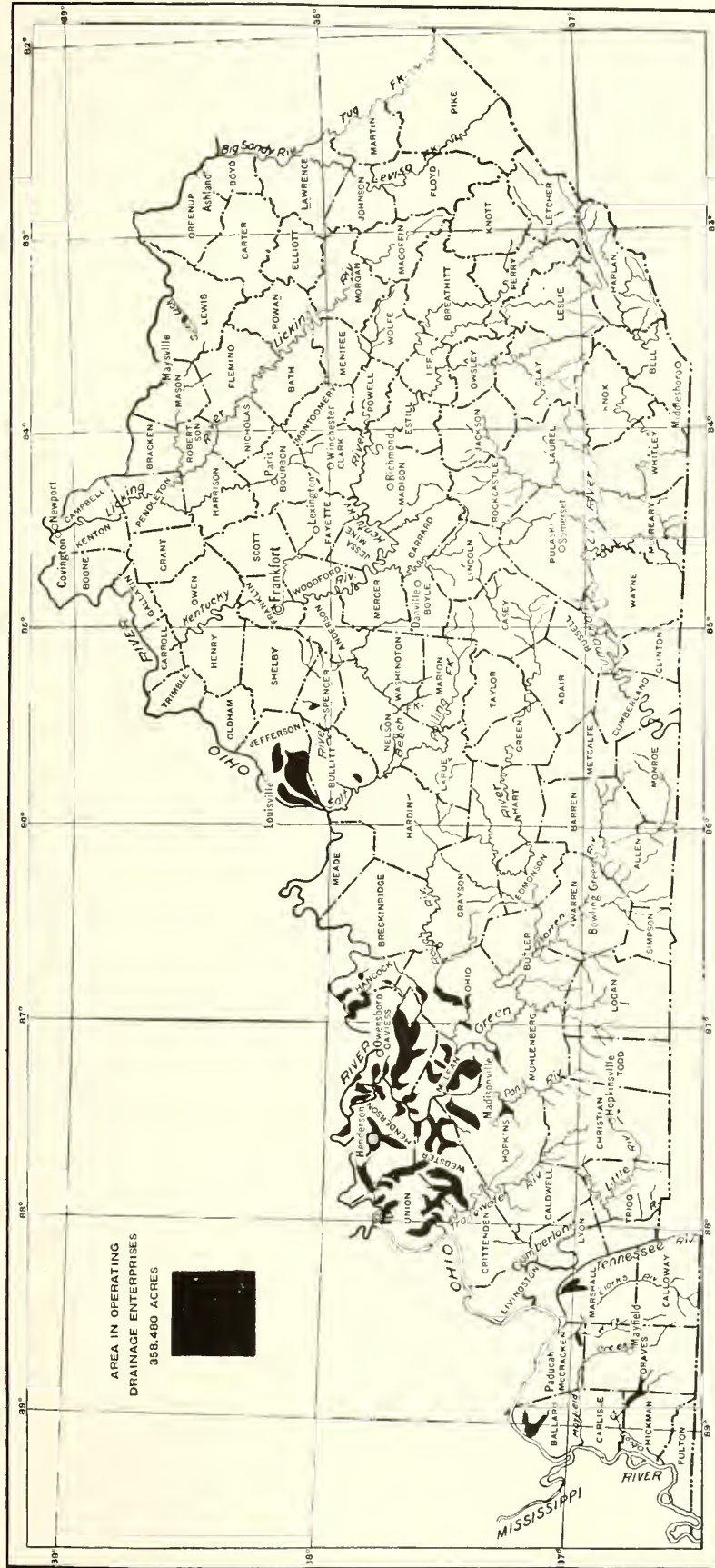
KANSAS.



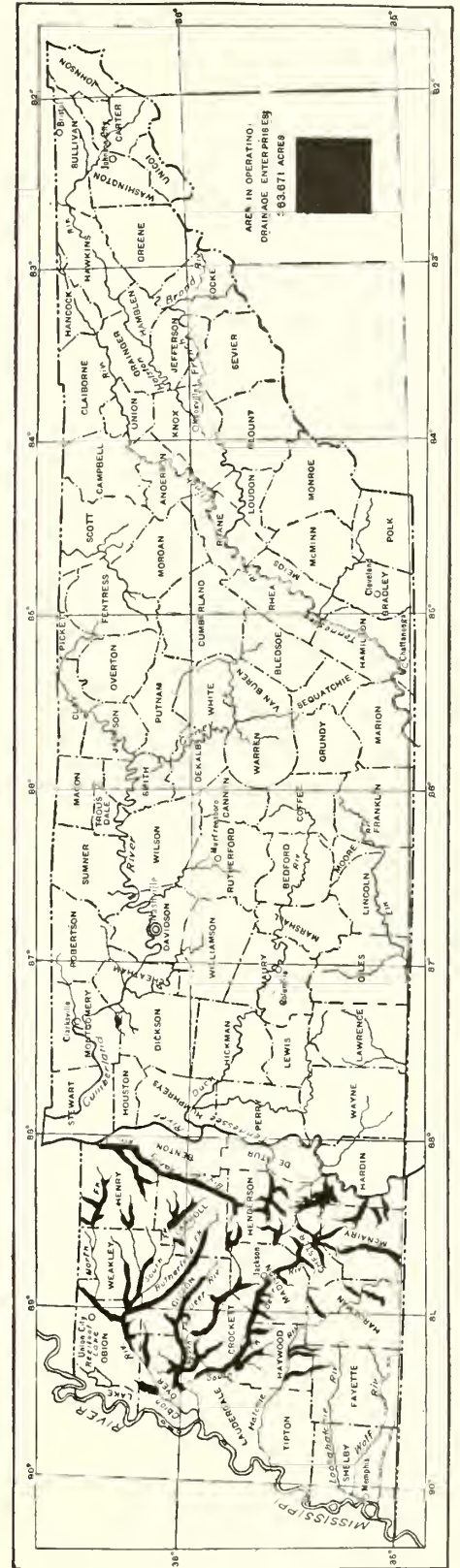


APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1970.

KENTUCKY.



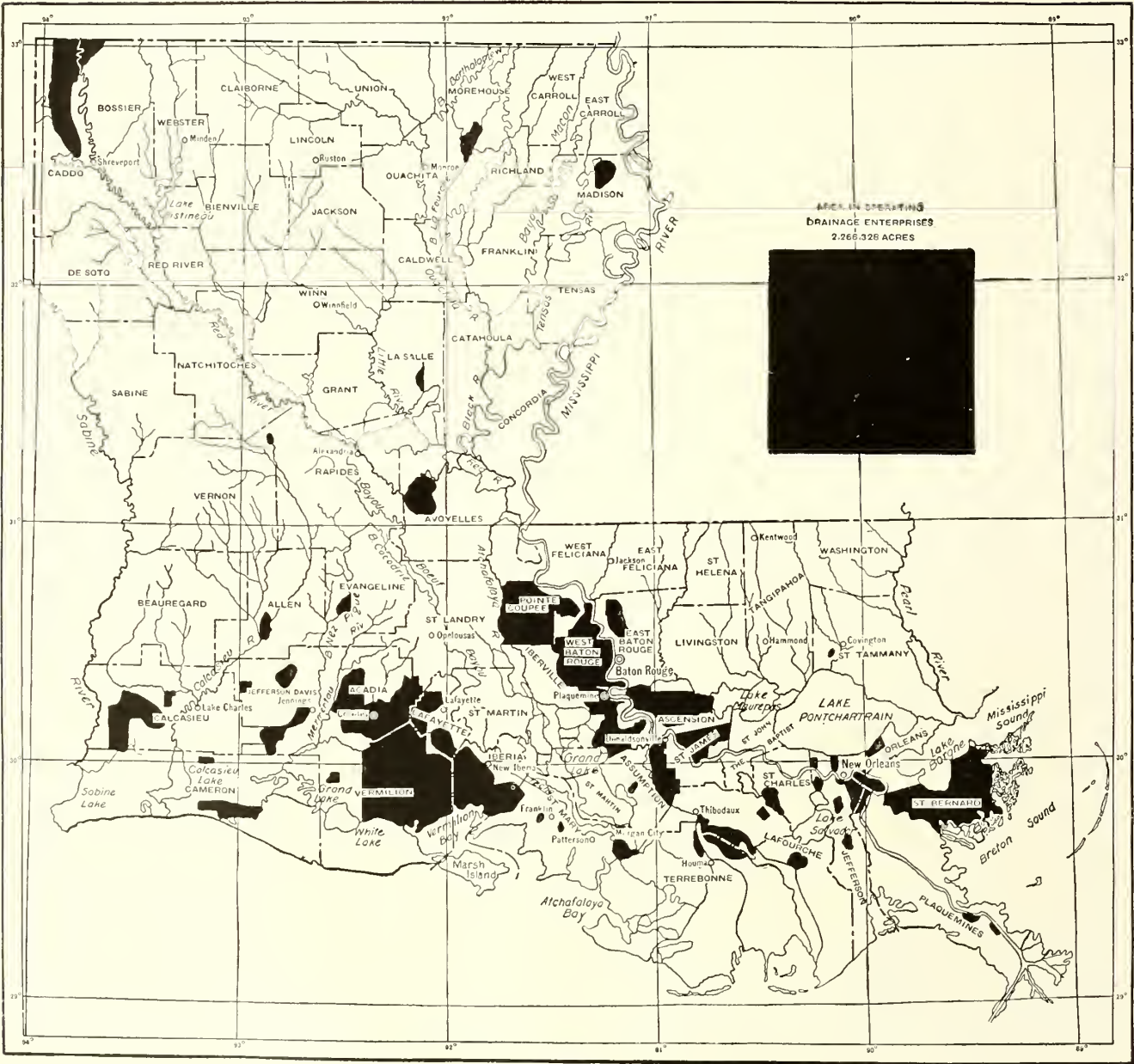
TENNESSEE.





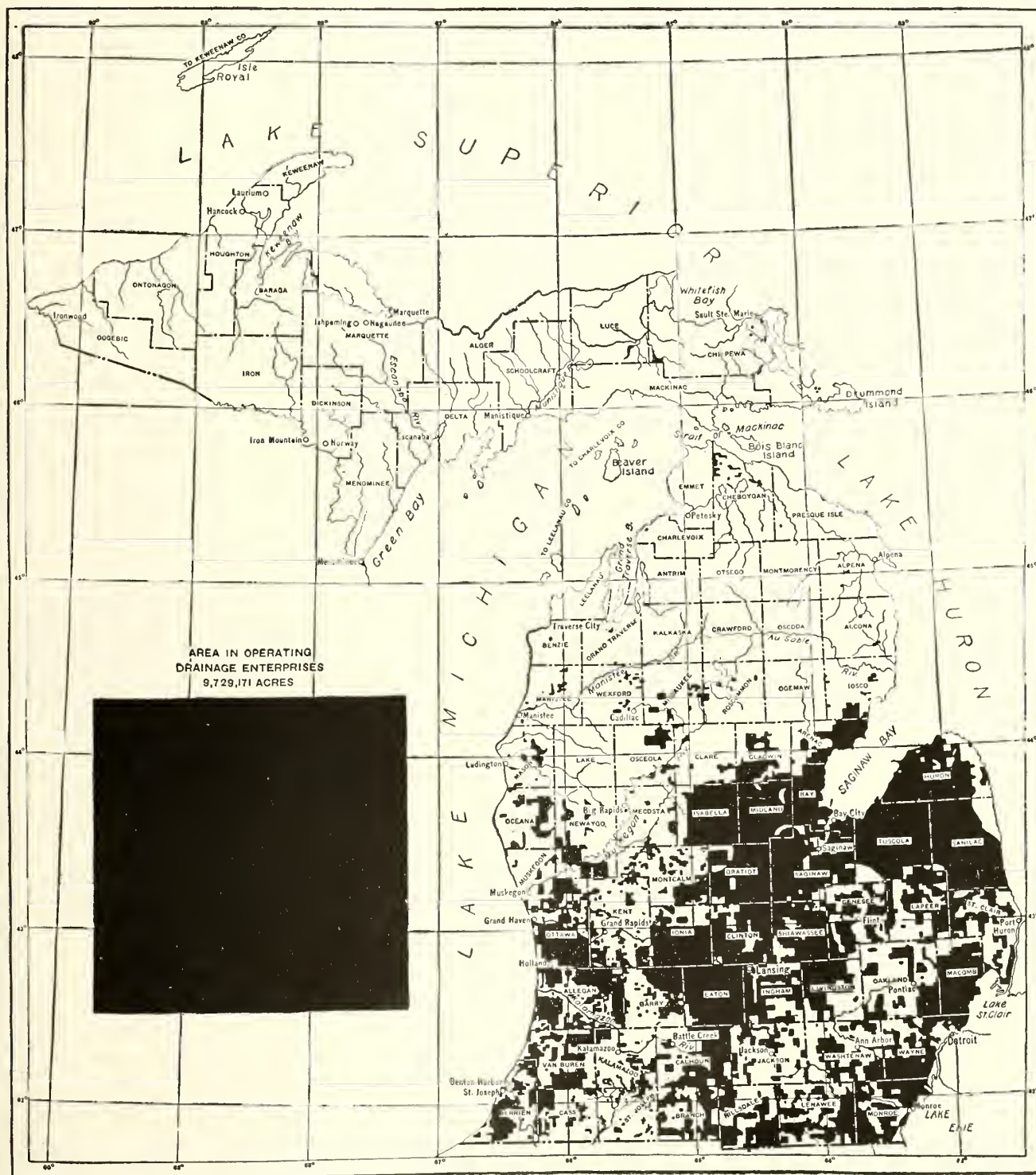
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

LOUISIANA.



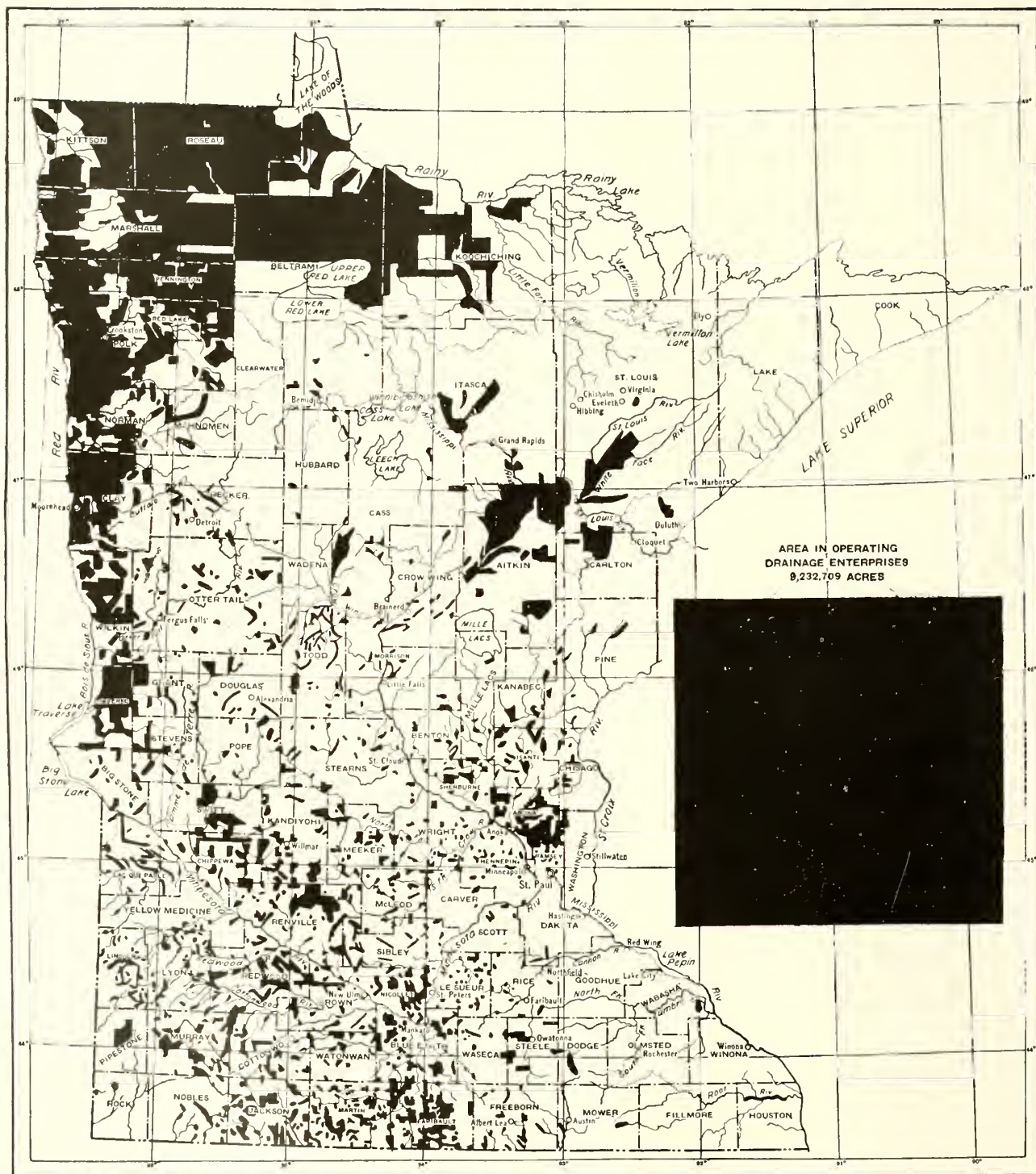
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

MICHIGAN.



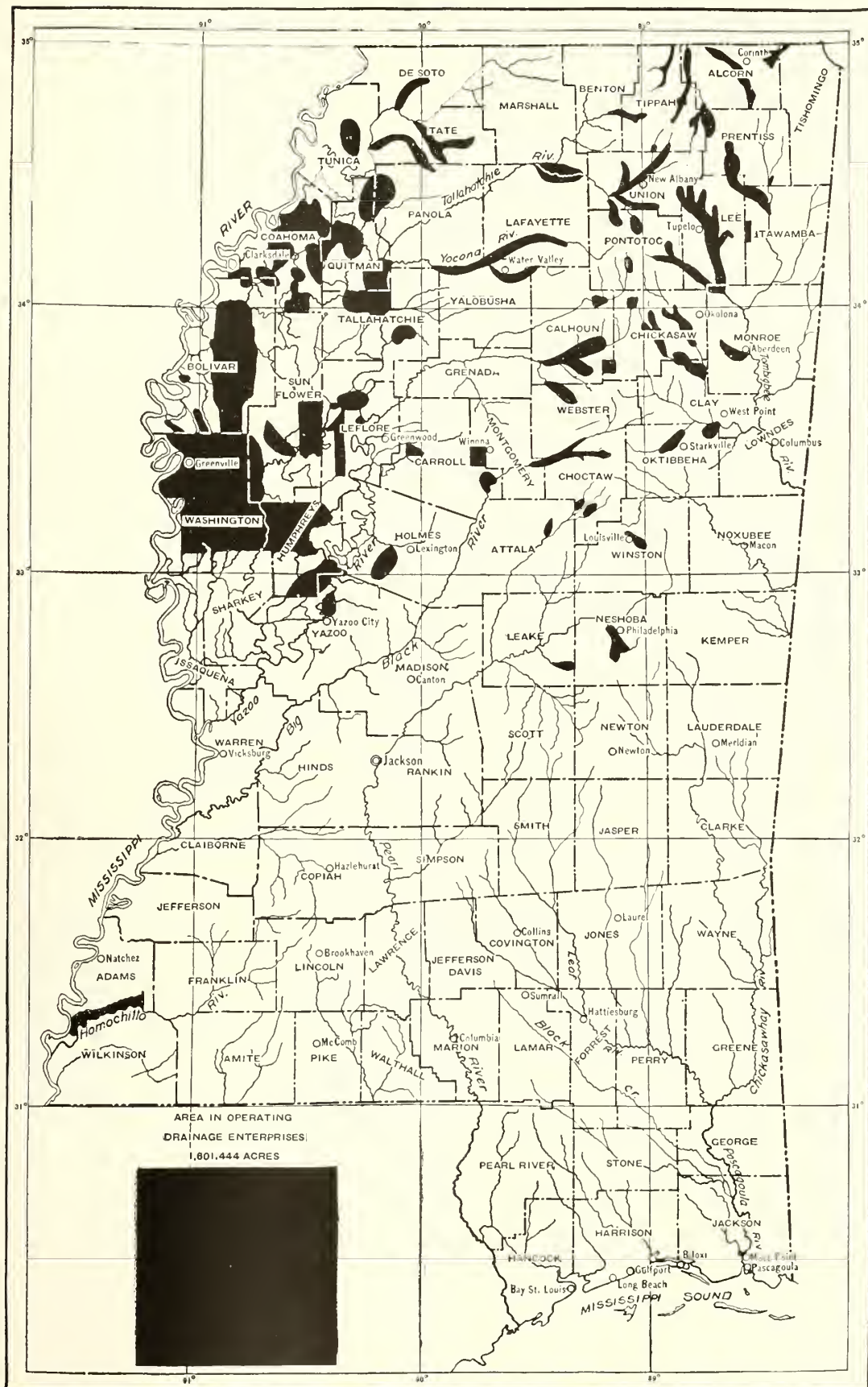


APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.  
MINNESOTA.



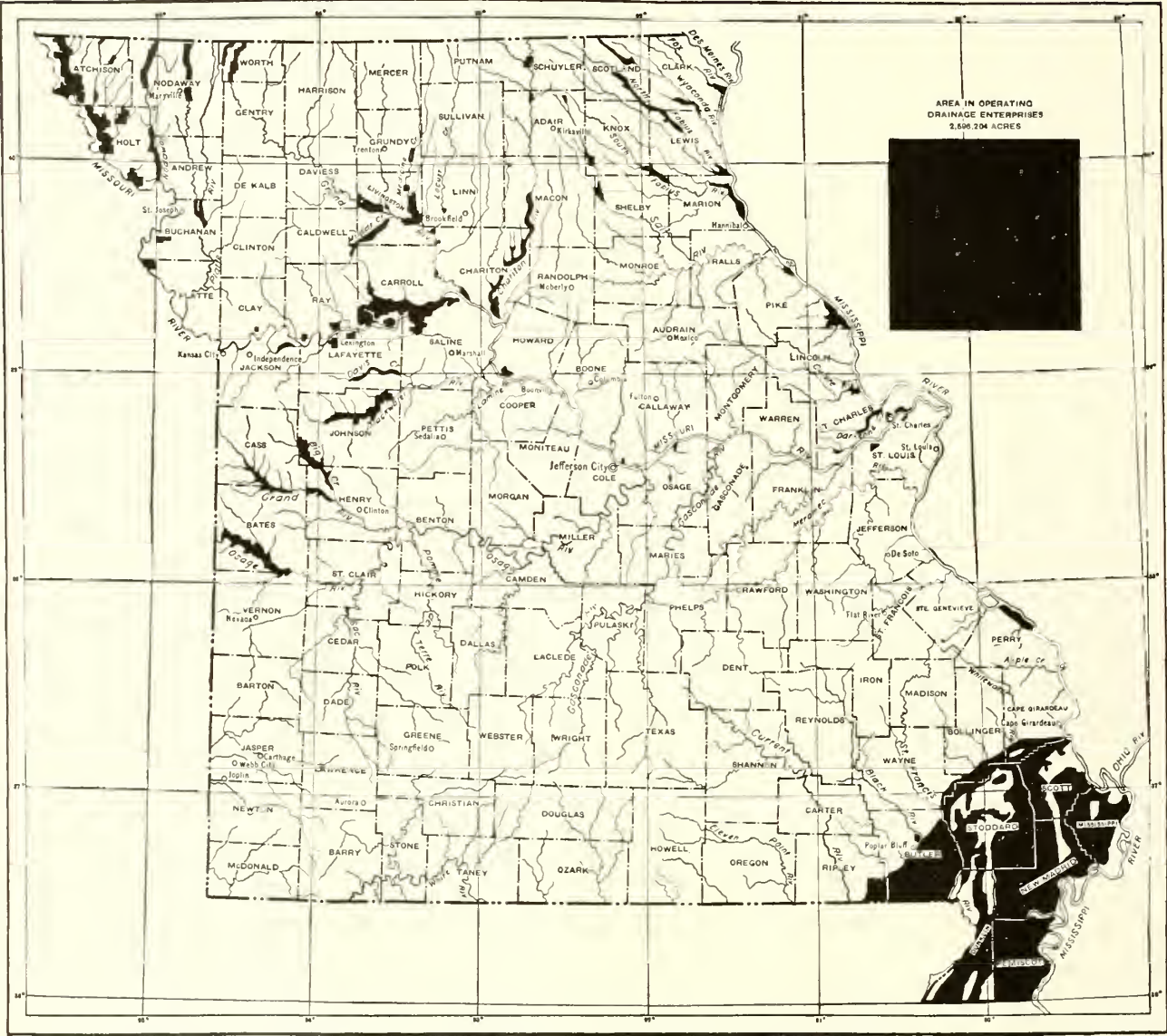
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

MISSISSIPPI.

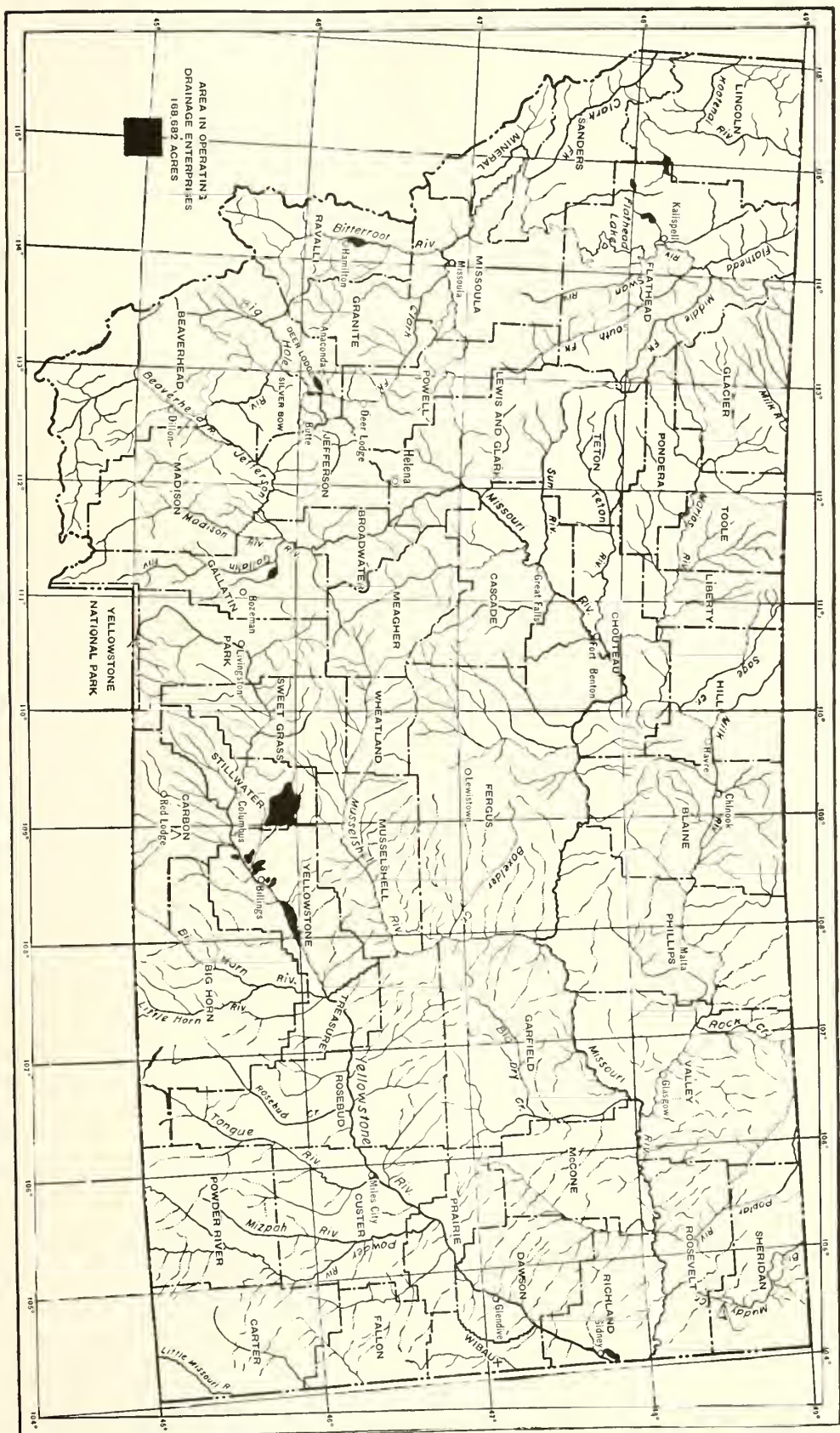




APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.  
MISSOURI.



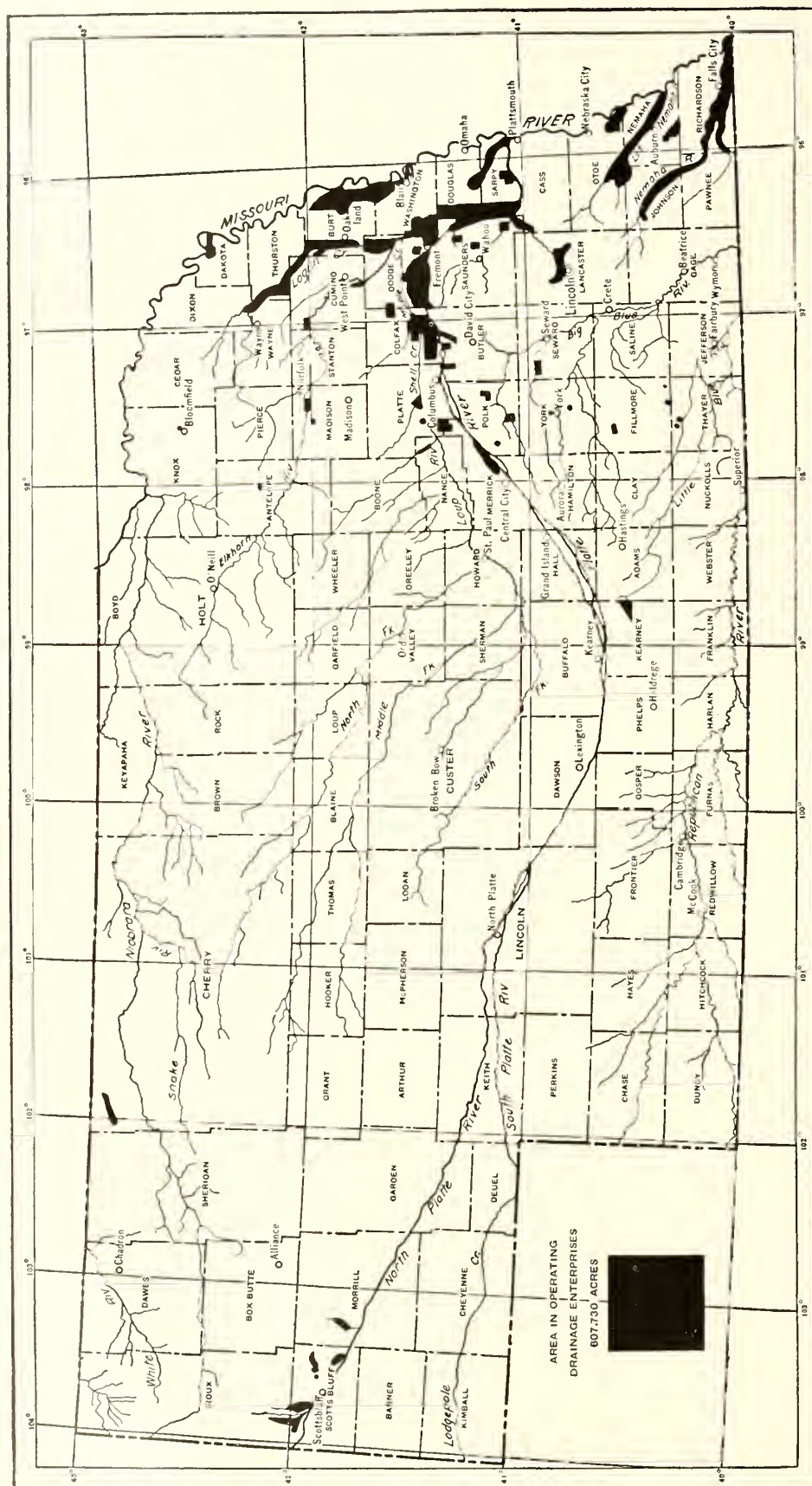
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.  
MONTANA.





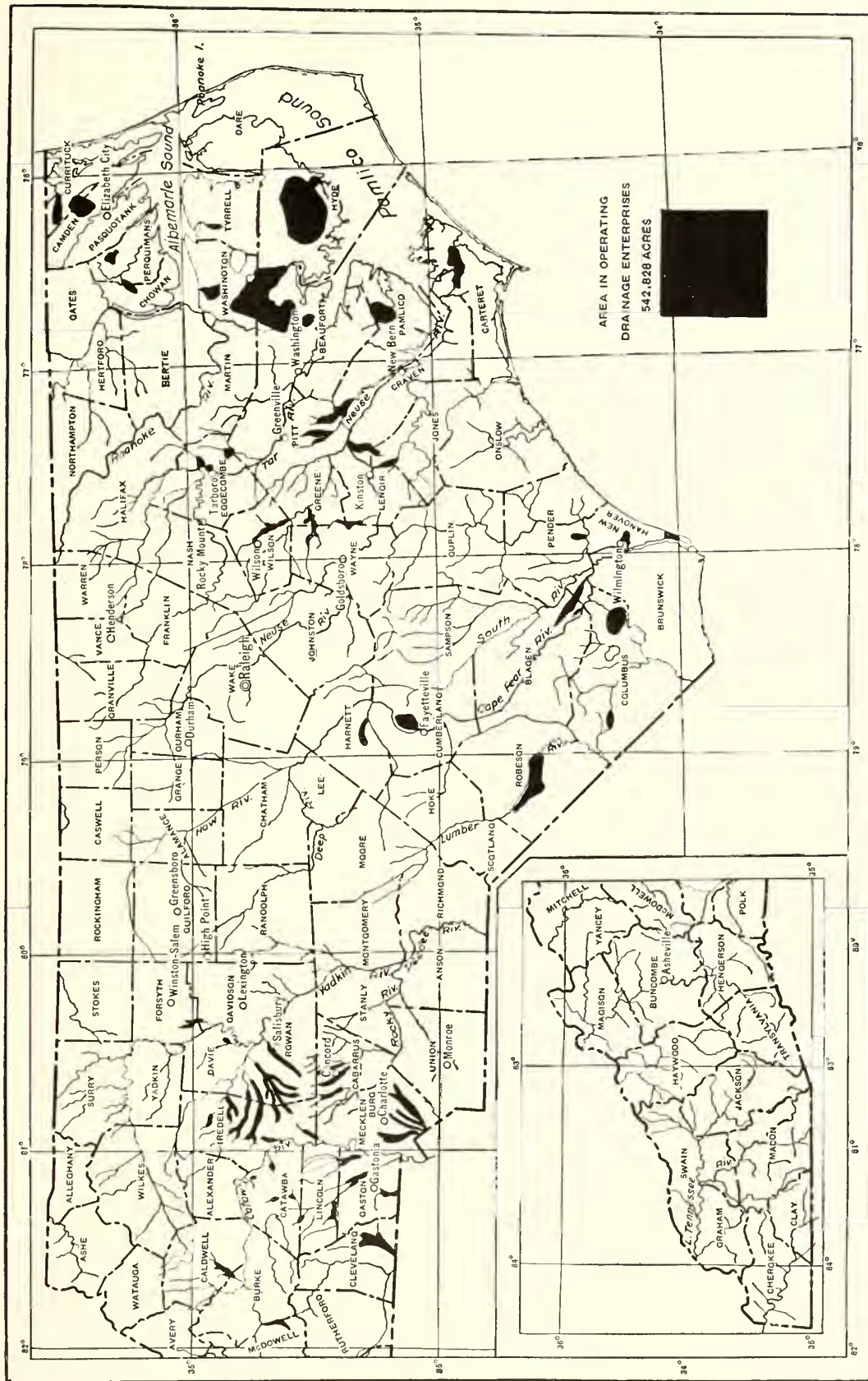
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

NEBRASKA.



APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

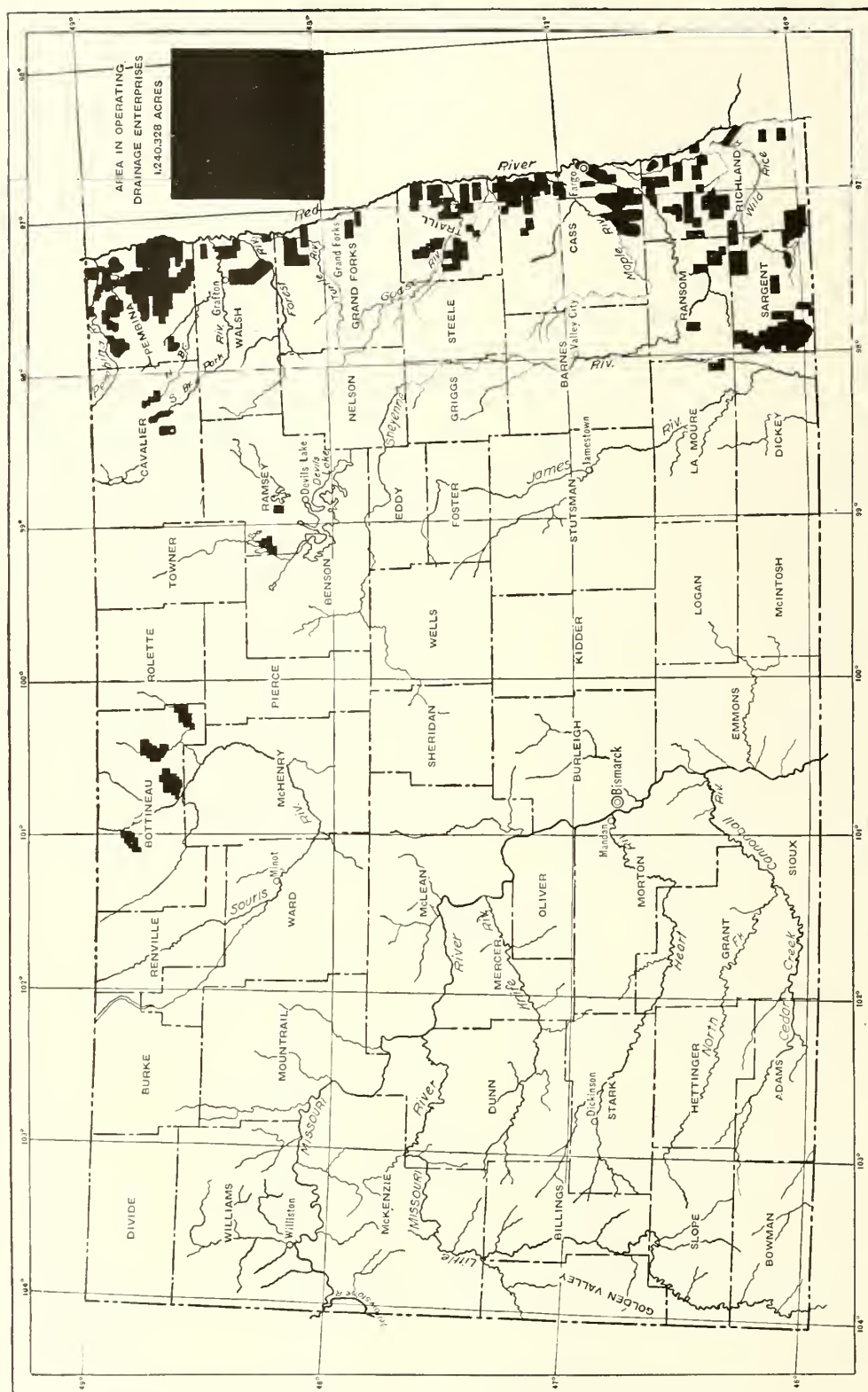
NORTH CAROLINA.





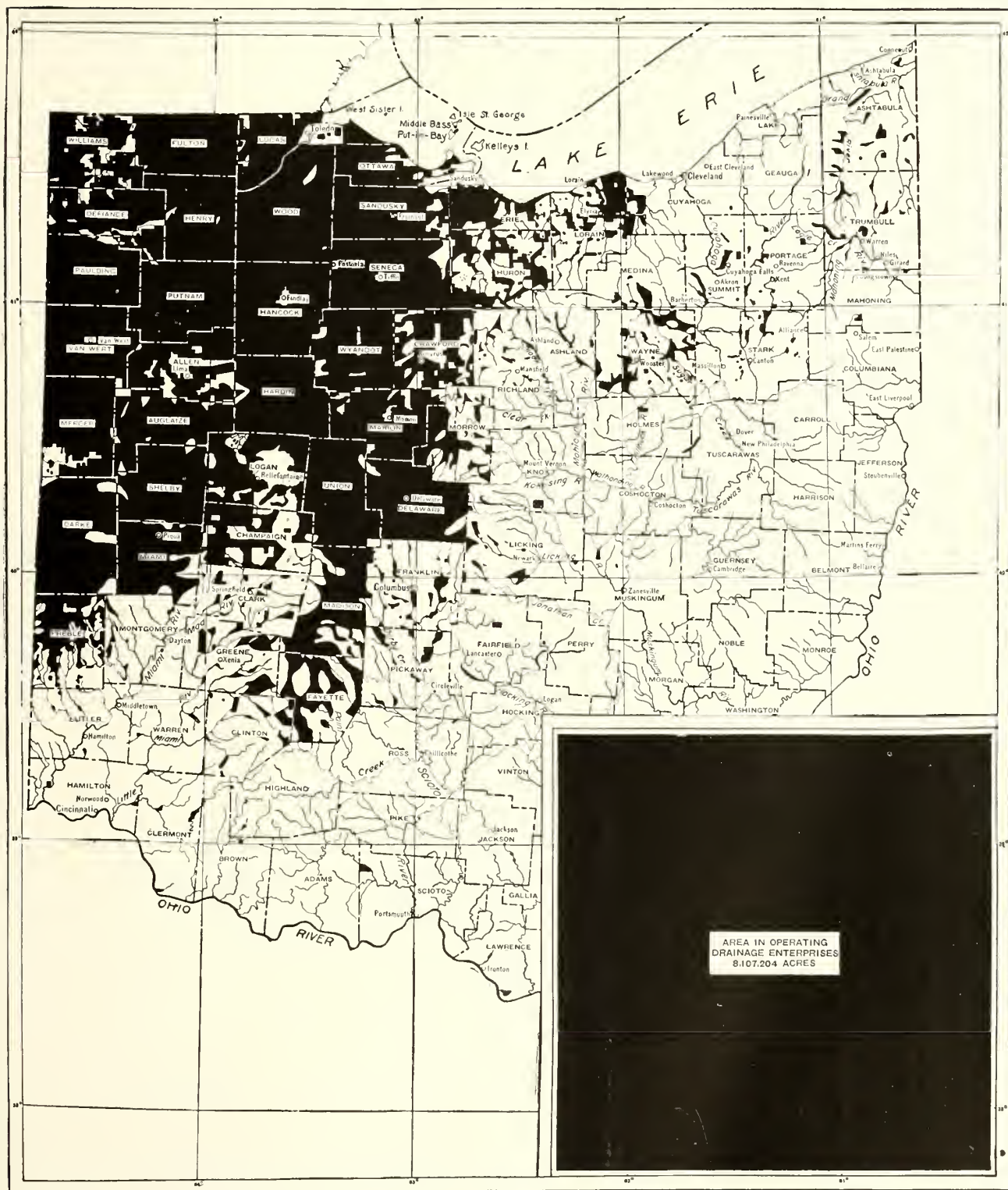
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

NORTH DAKOTA.



APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

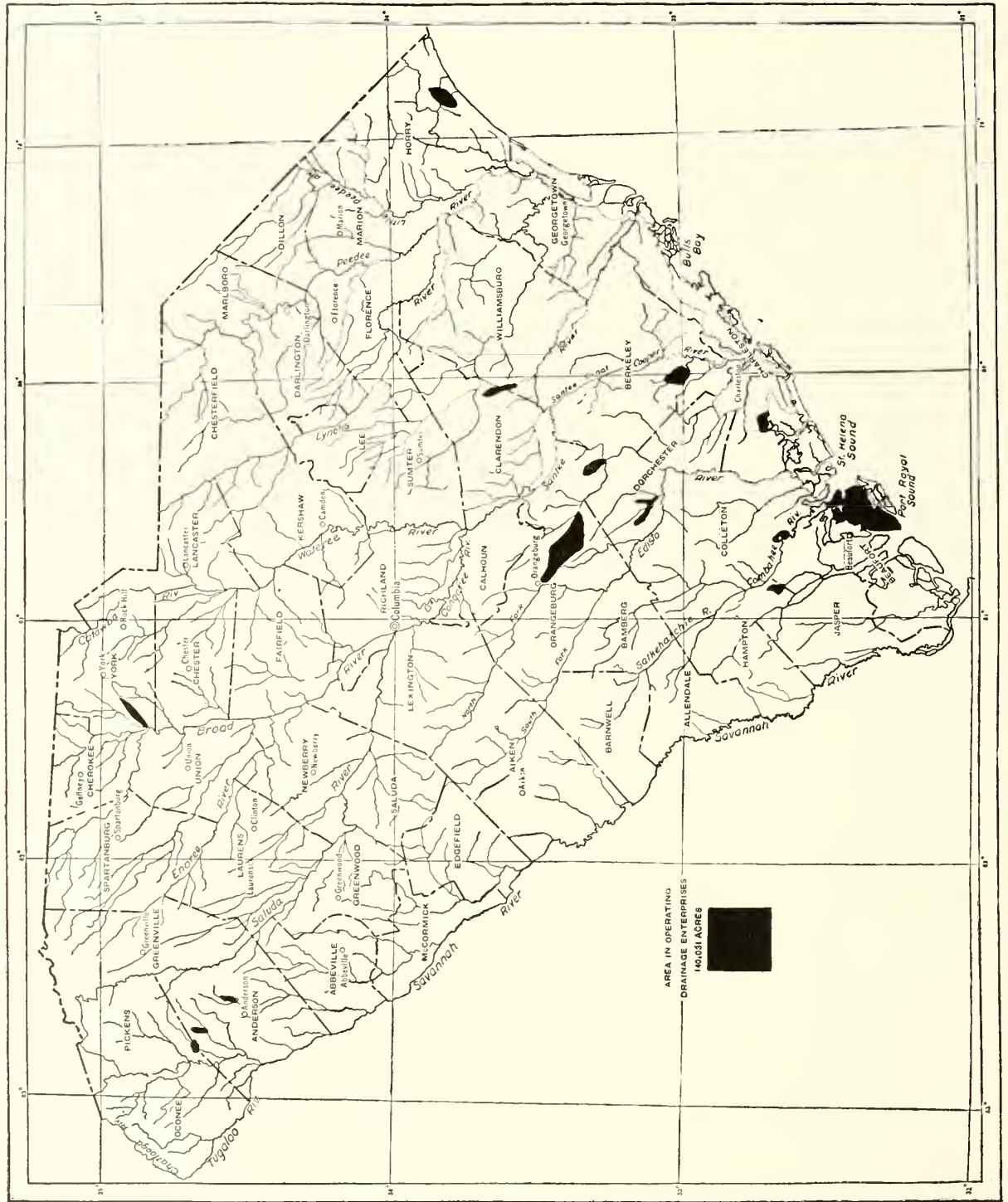
OHIO.





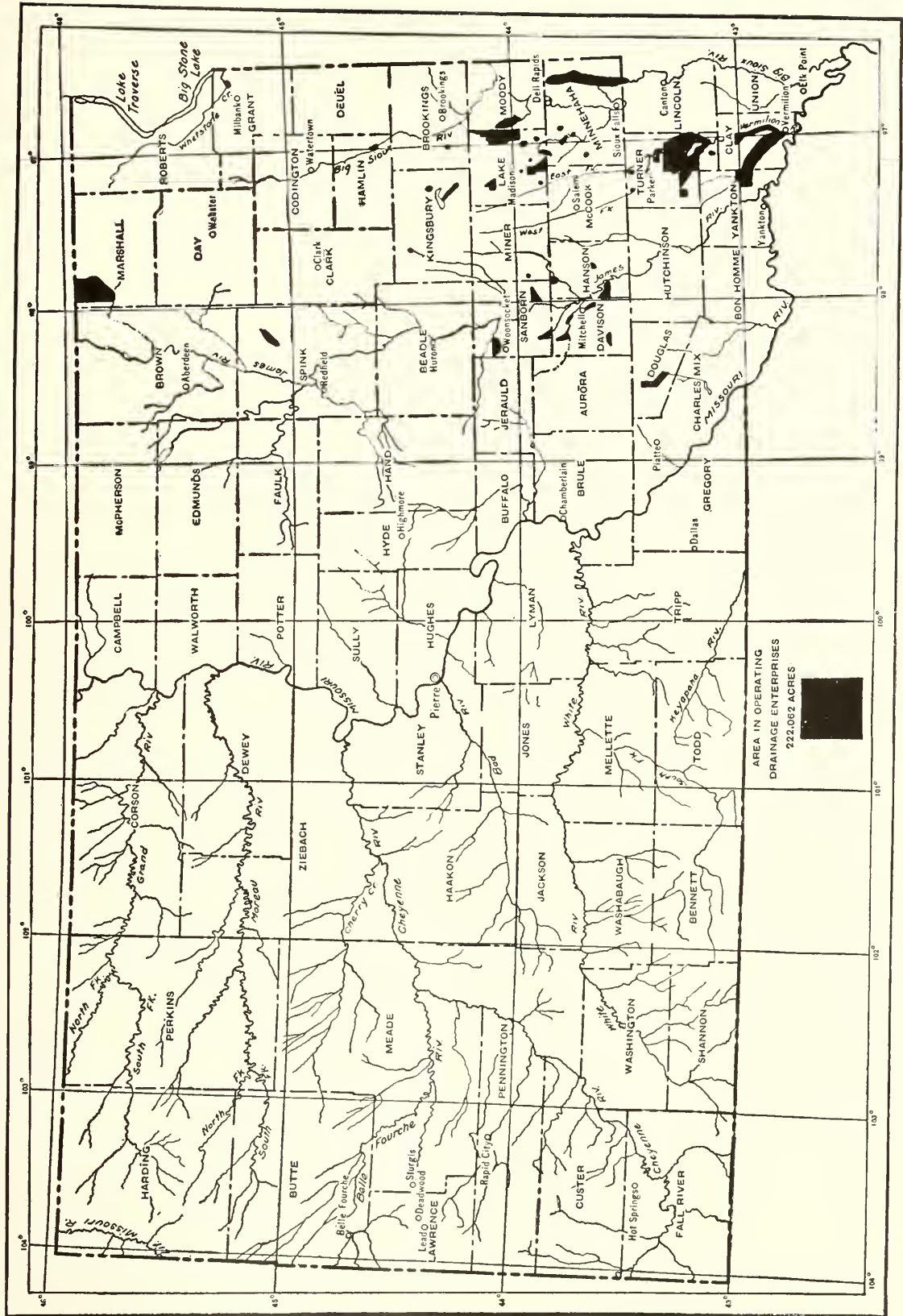
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

SOUTH CAROLINA.



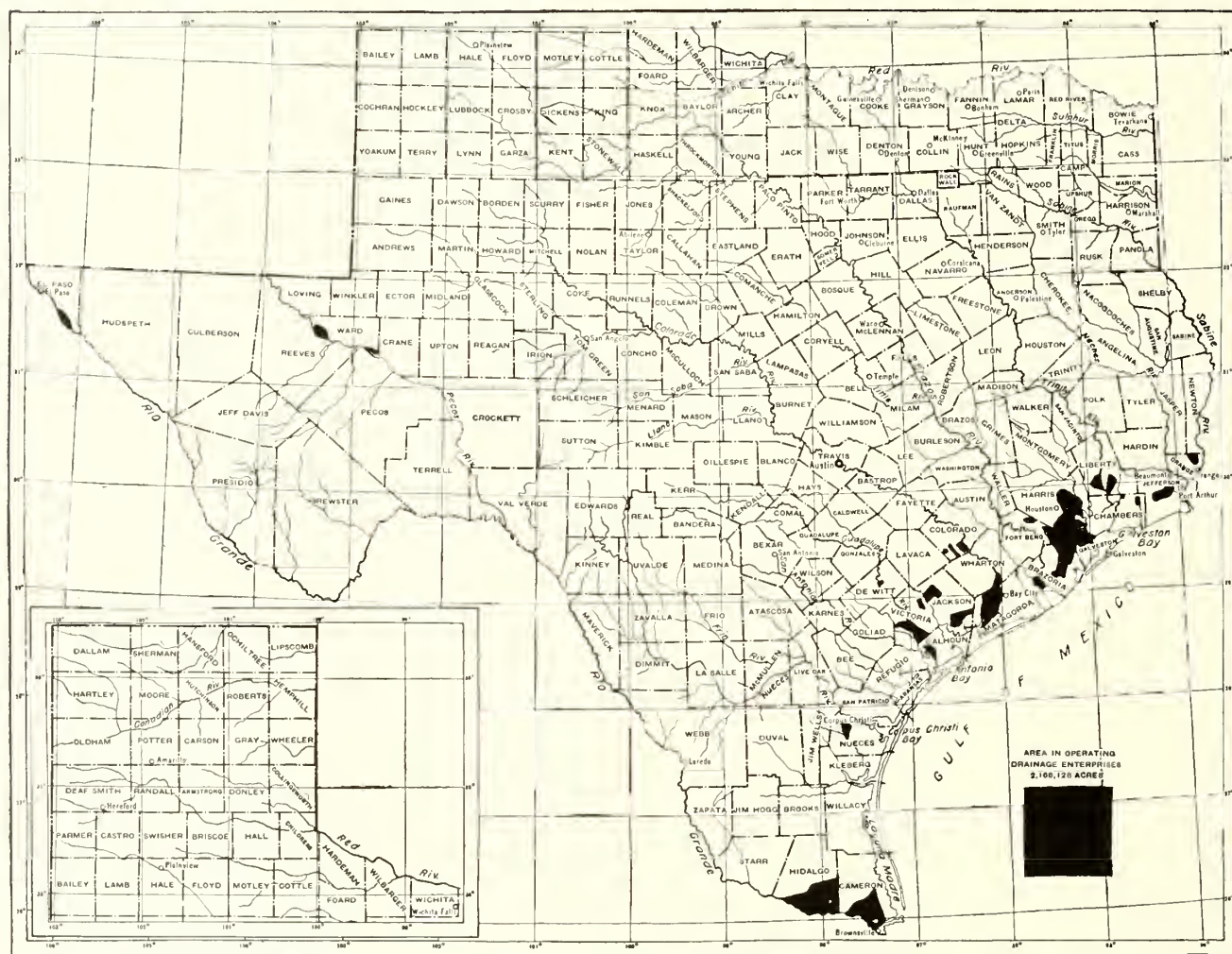
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

SOUTH DAKOTA.



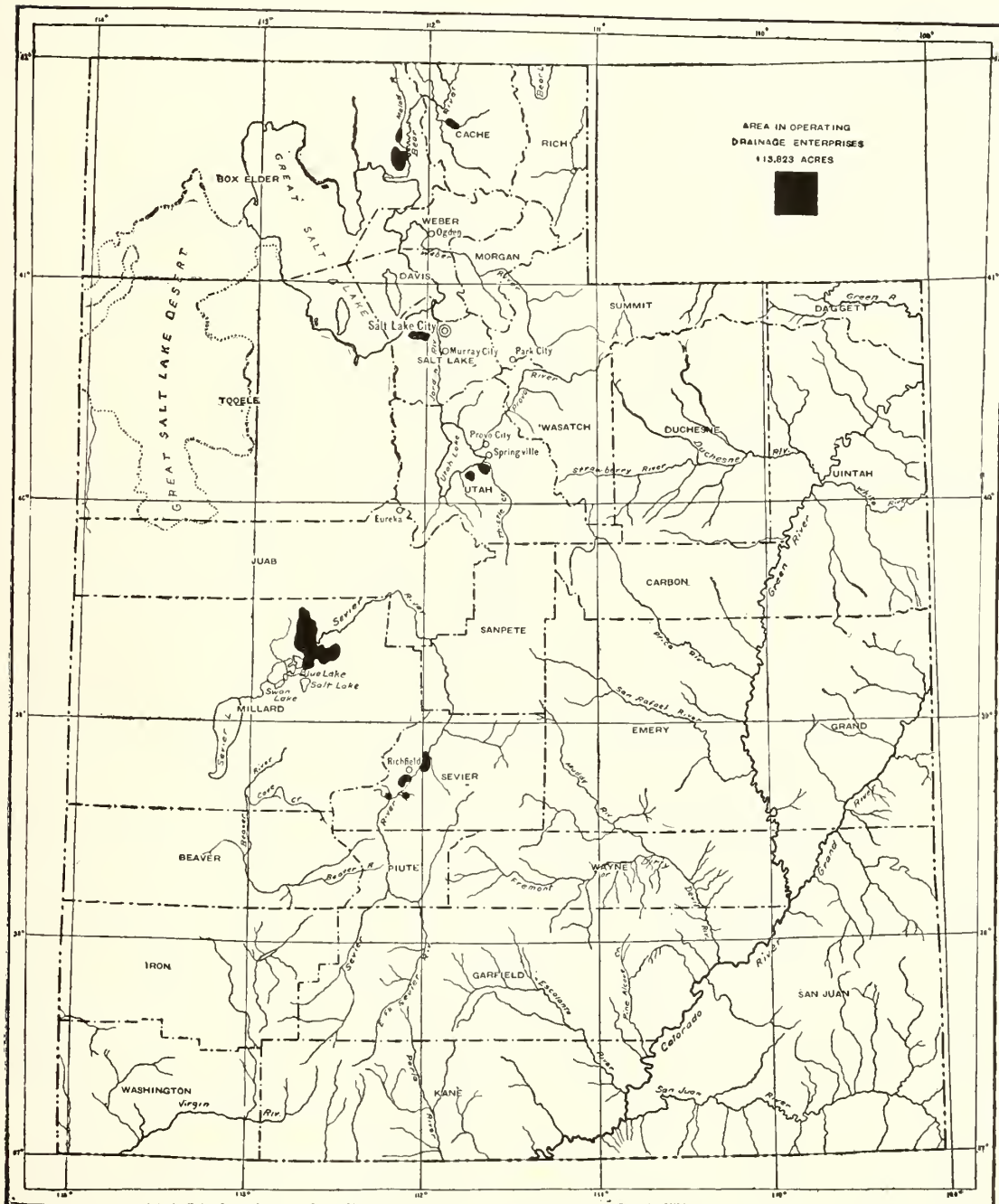


APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.  
TEXAS.



APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

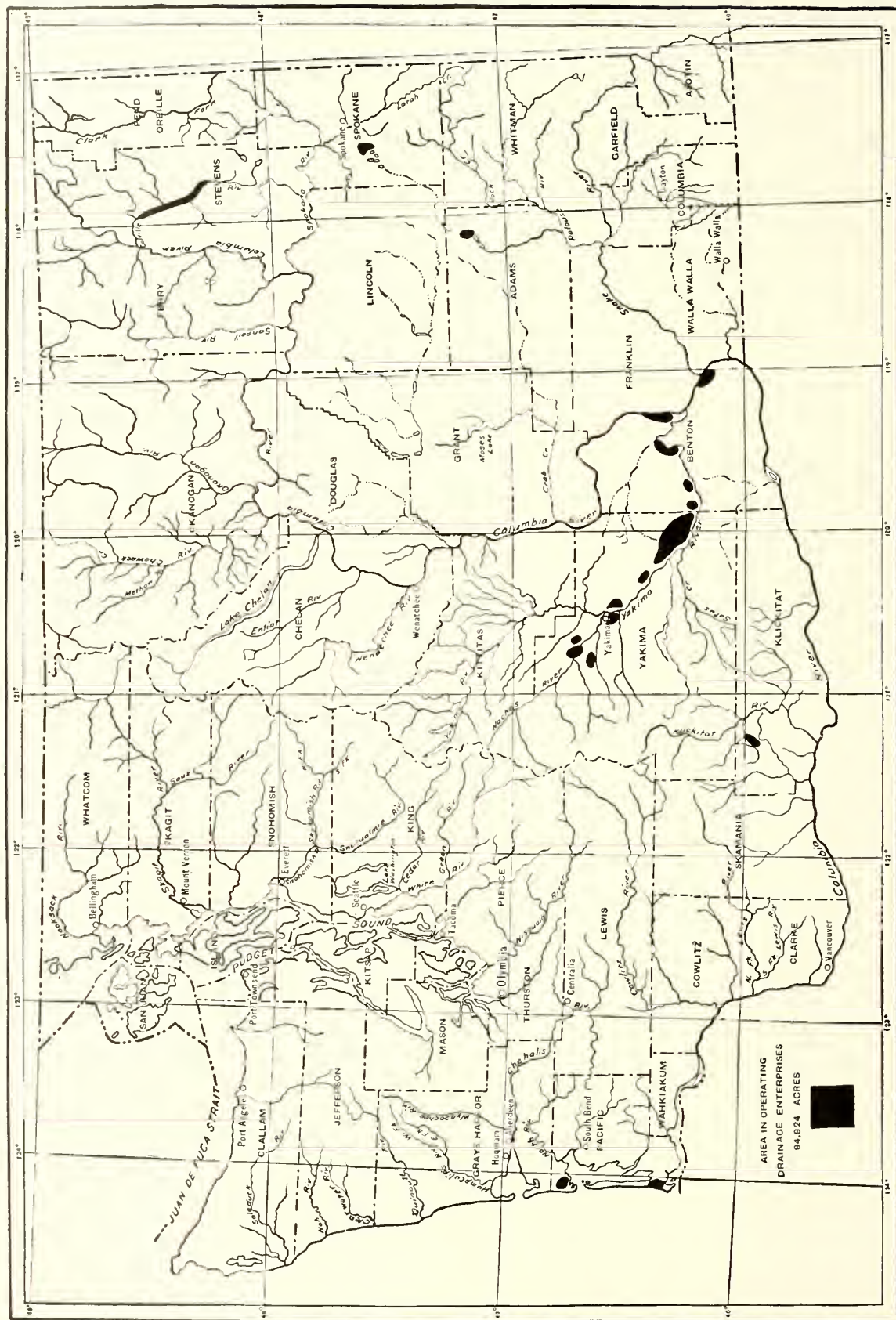
UTAH.





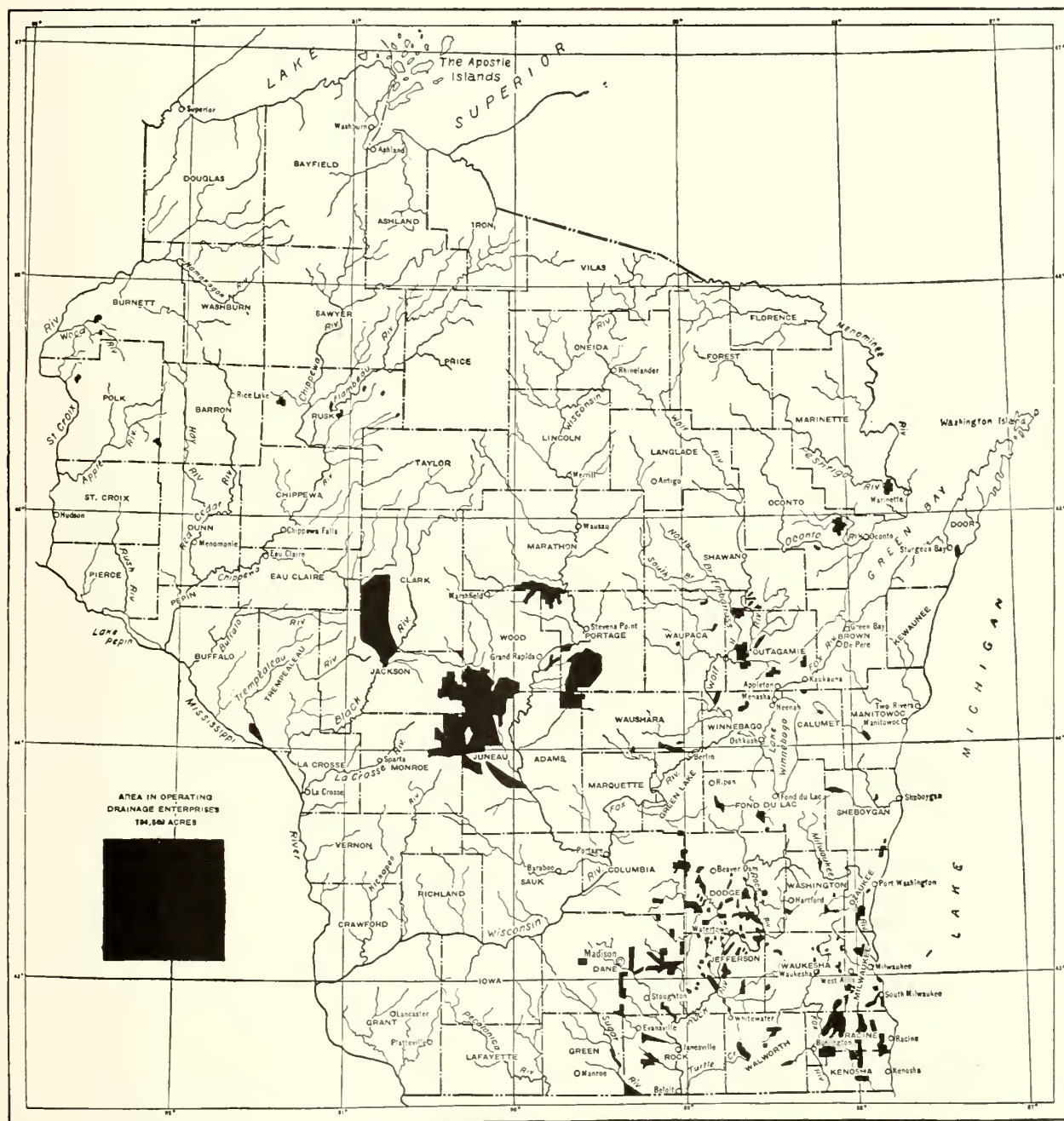
APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

WASHINGTON.



APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

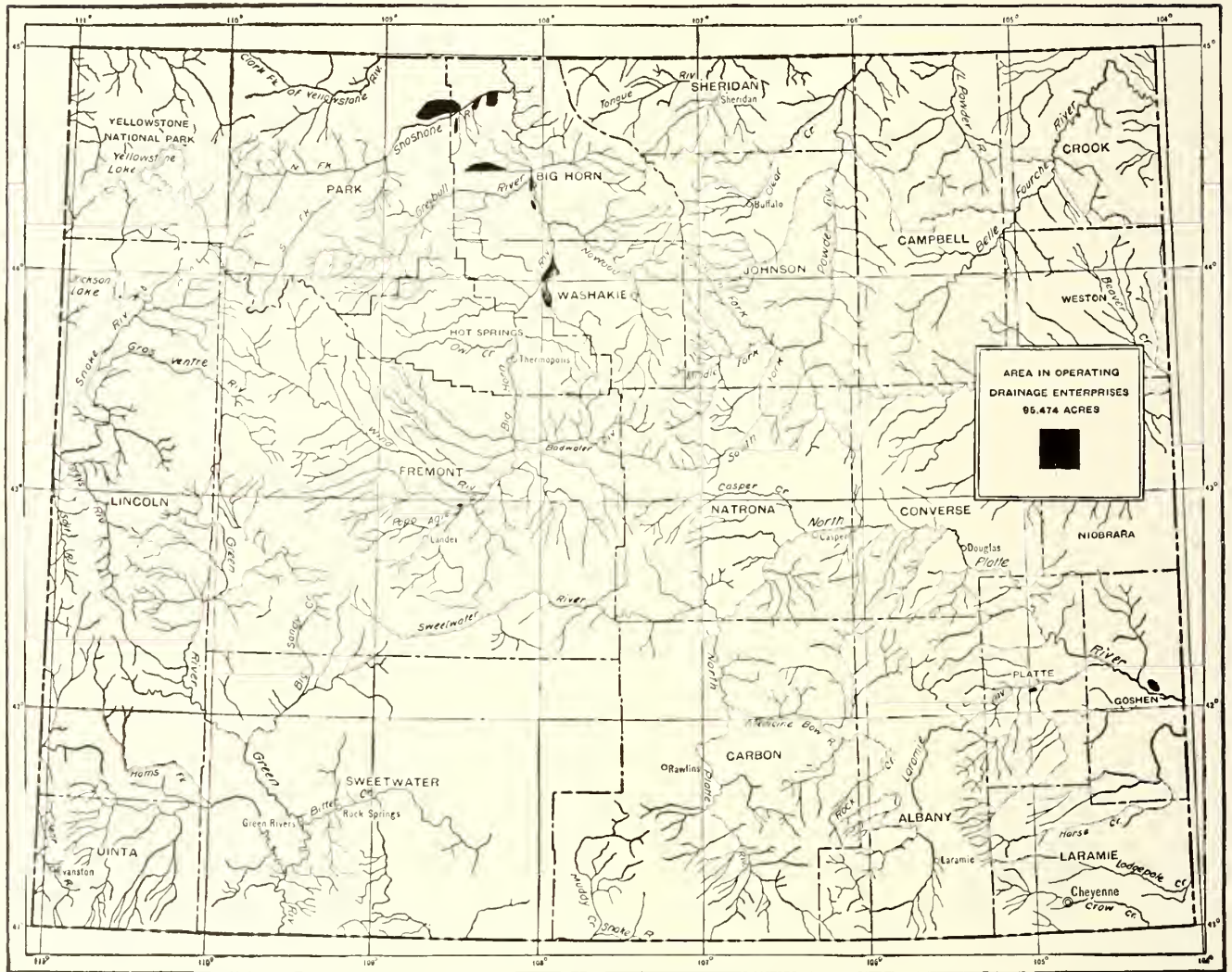
WISCONSIN.



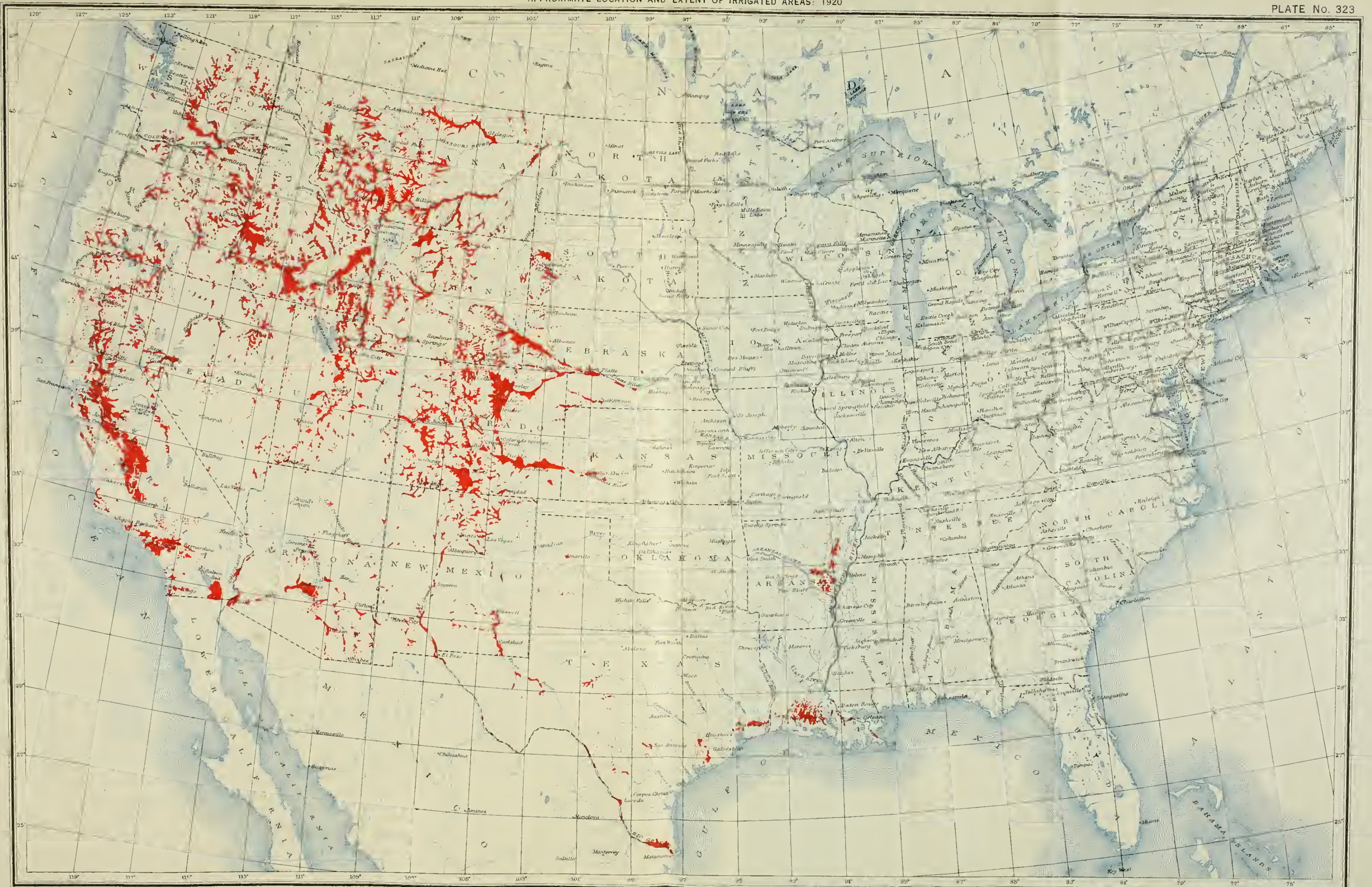


APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES: 1920.

WYOMING.







Irrigated areas shown in red

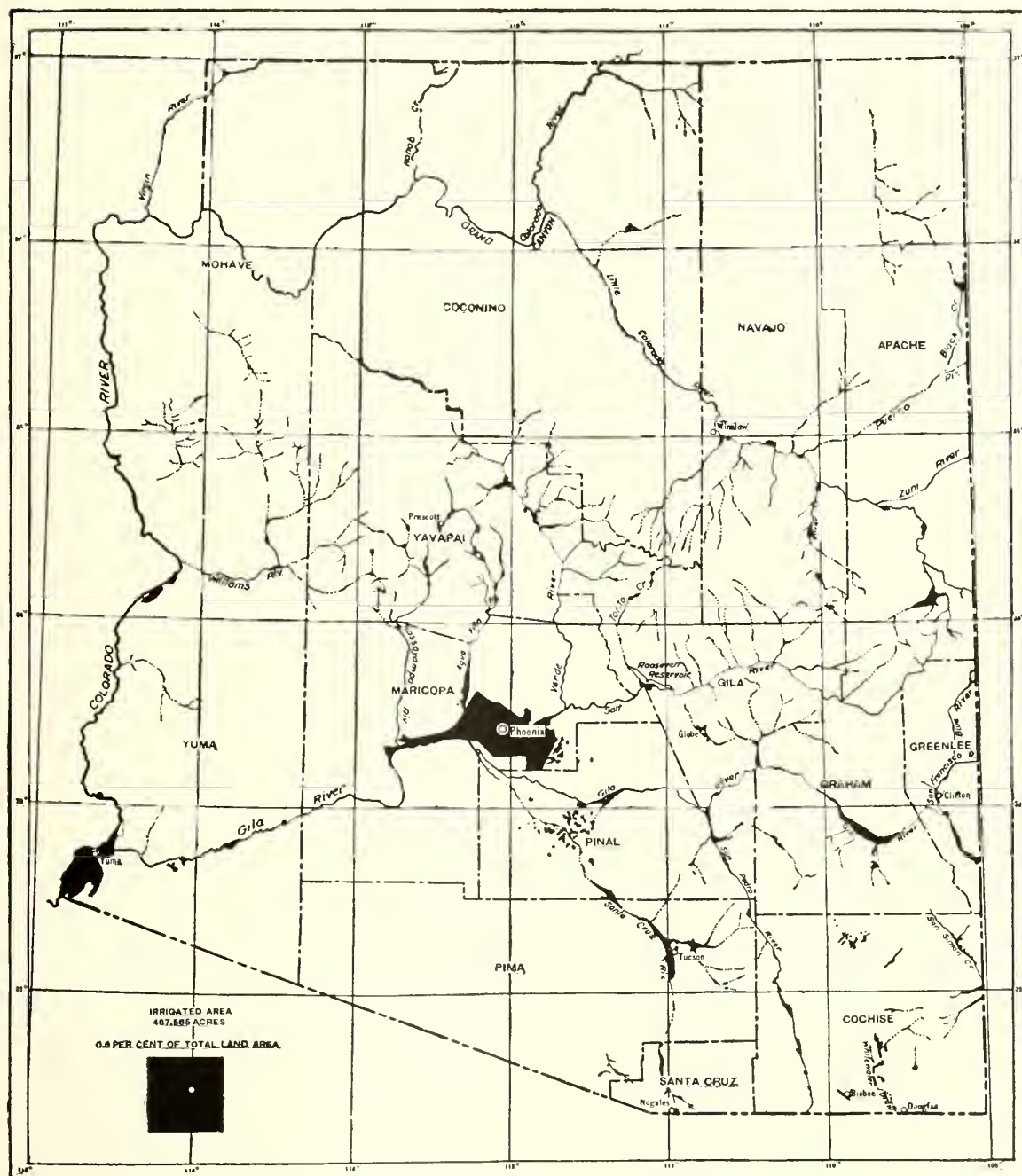
Scale 1:1,000,000  
0 100 200 300 400 500 600 Miles

ENGRAVED AND PRINTED BY THE U.S. GEOLOGICAL SURVEY





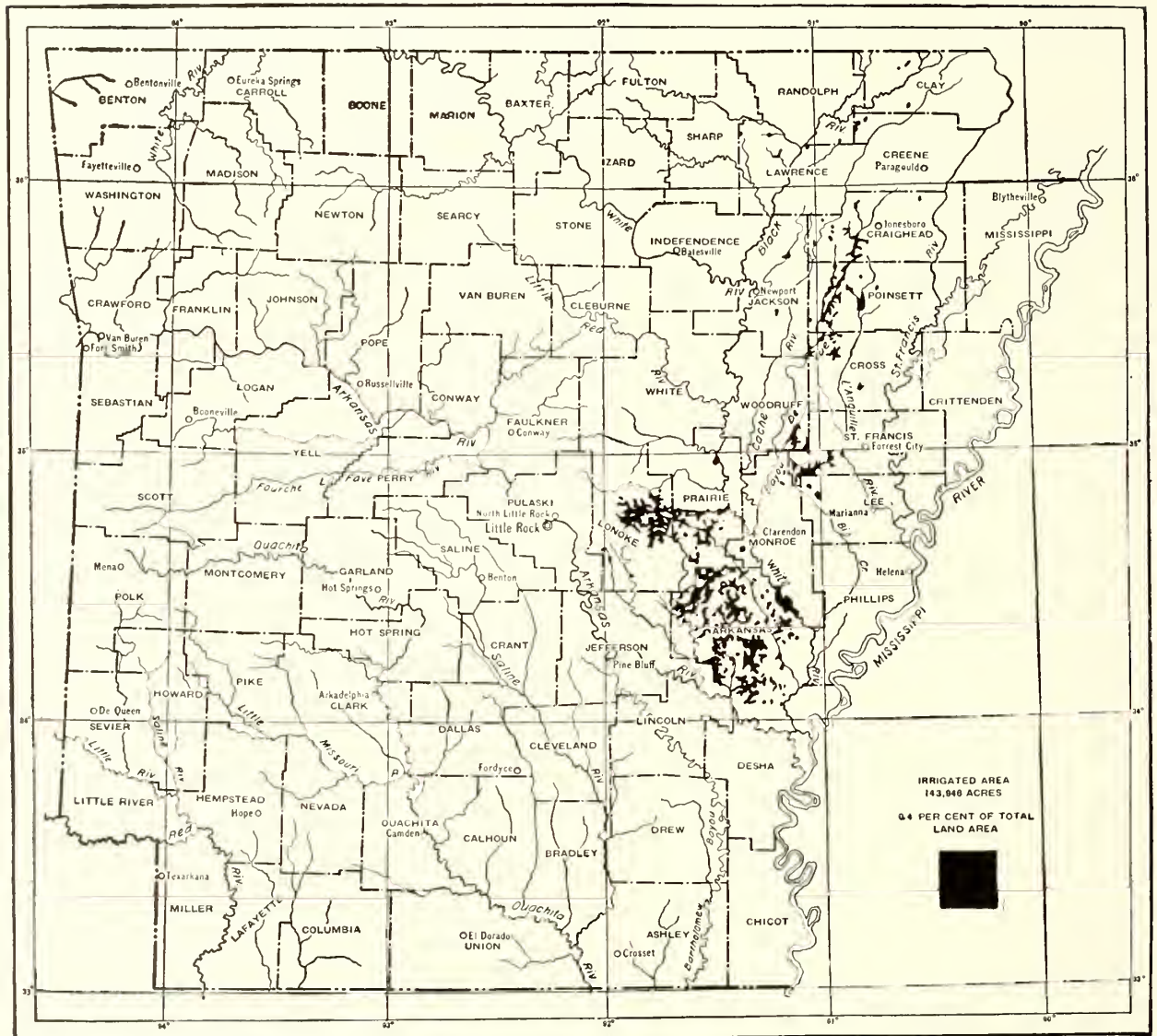
APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.  
ARIZONA.





APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

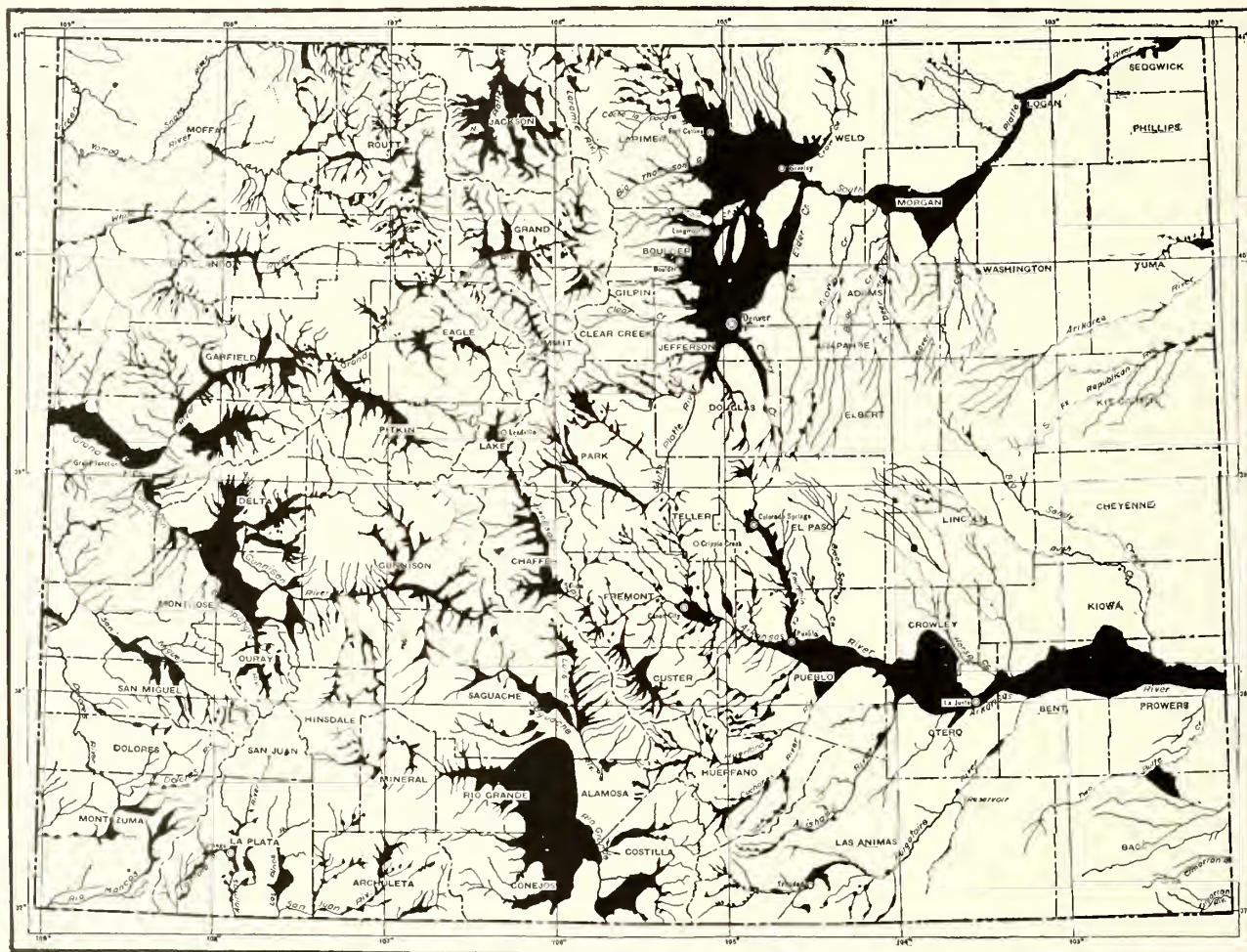
ARKANSAS.







APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.  
COLORADO.

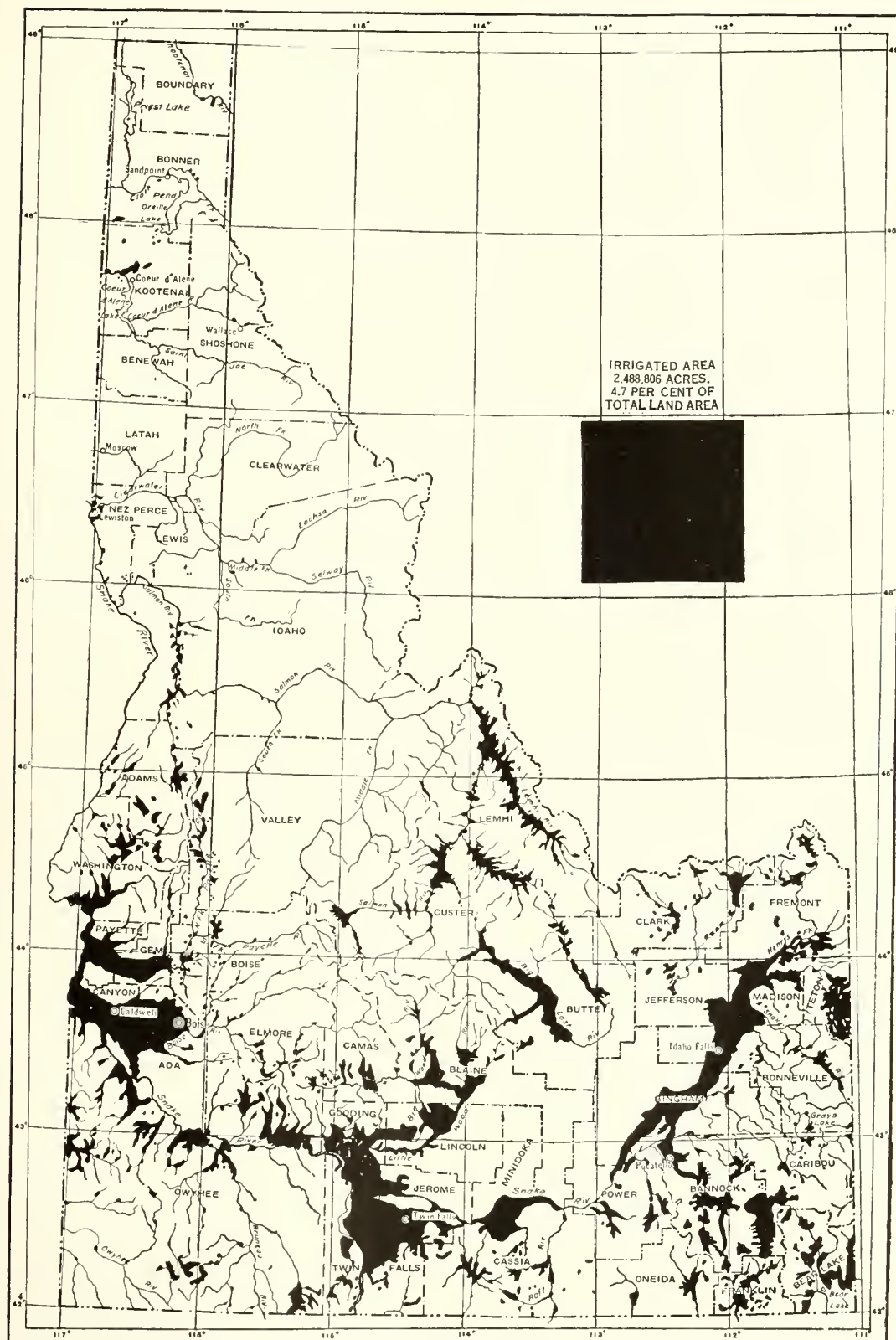


IRRIGATED AREA  
3,046,395 ACRES  
5 PER CENT OF TOTAL LAND AREA



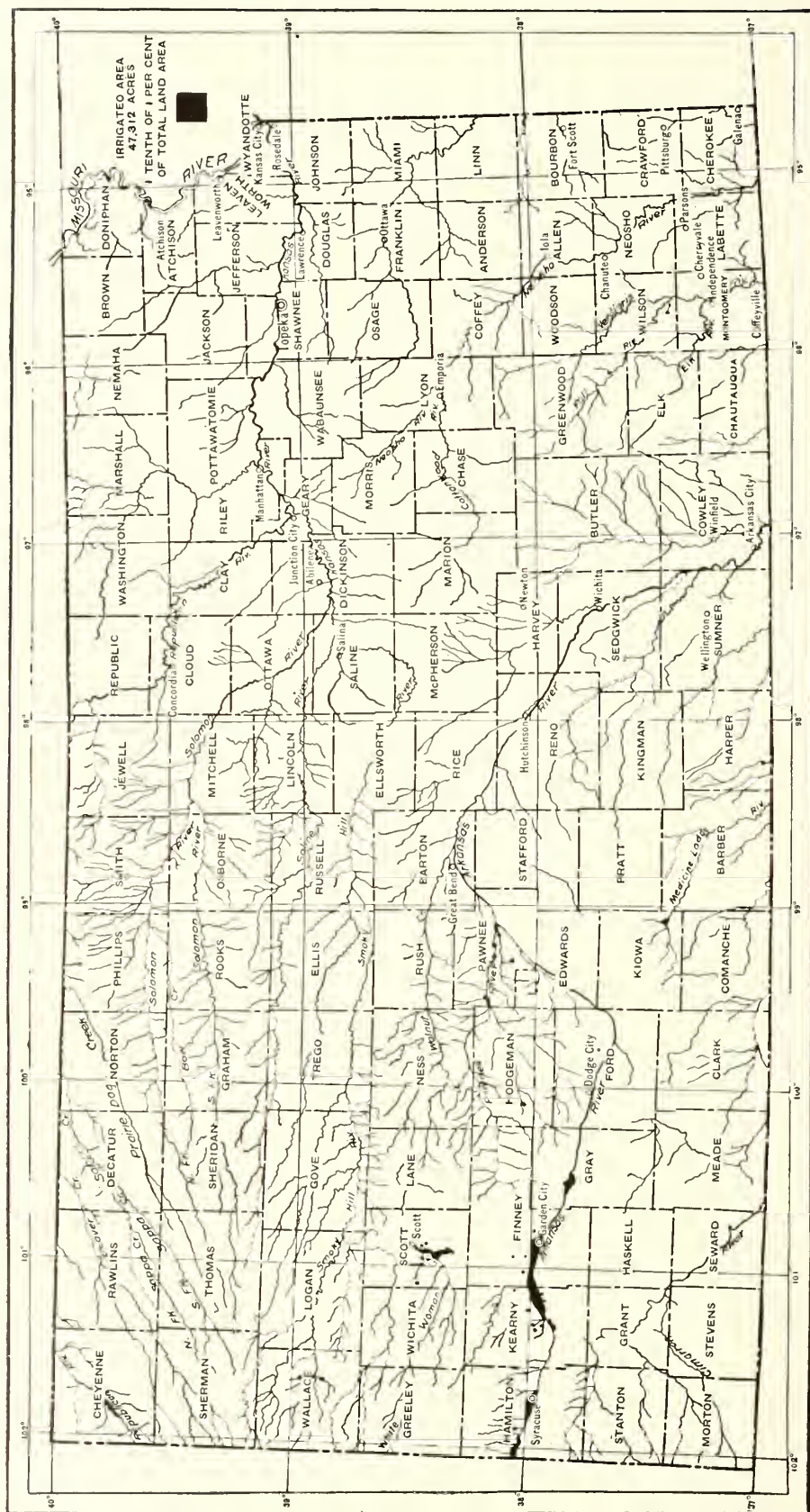
APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

IDAHO.





APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.  
KANSAS.

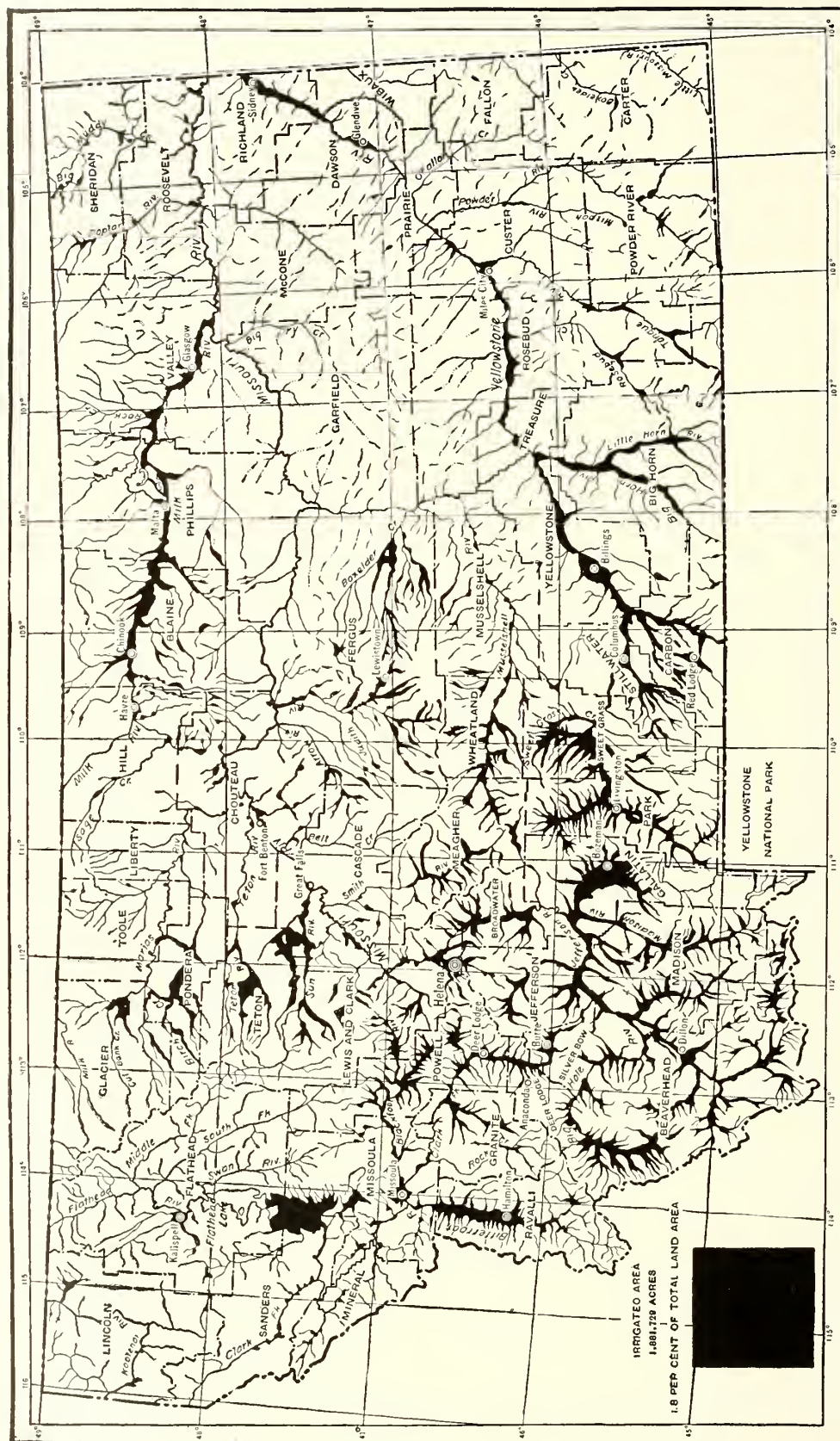






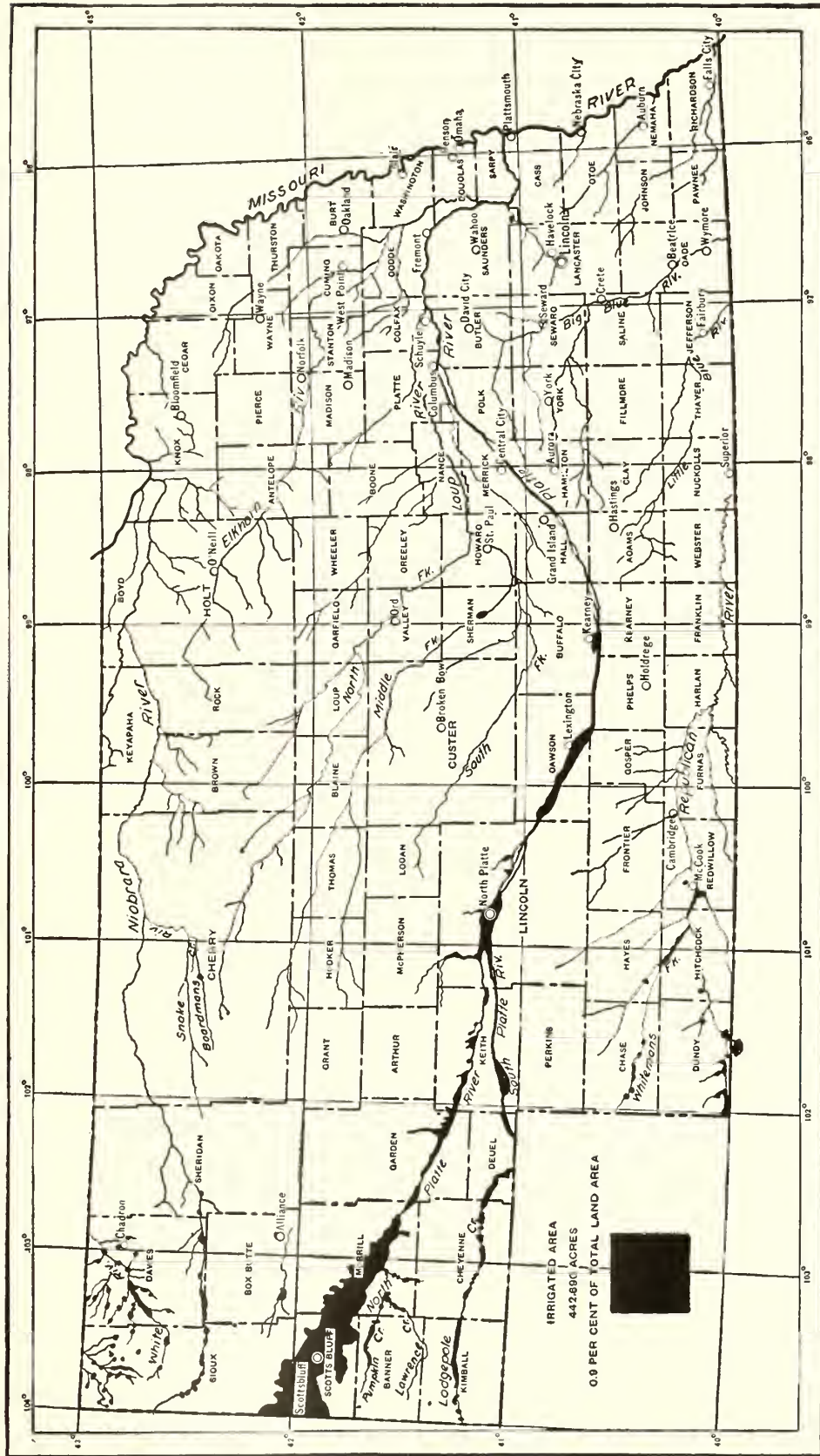
# APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

## MONTANA.



# APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

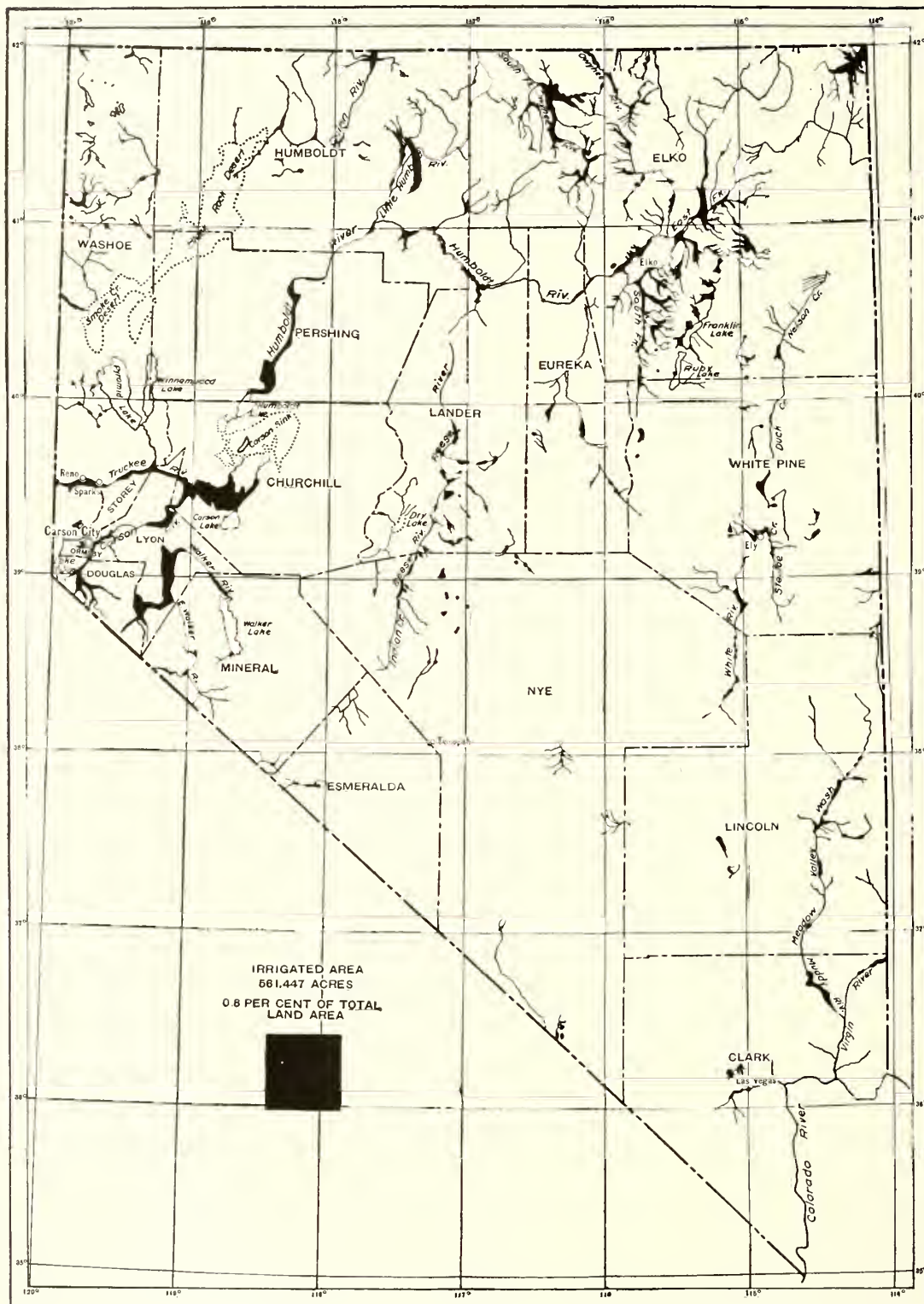
## NEBRASKA.





APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

NEVADA.

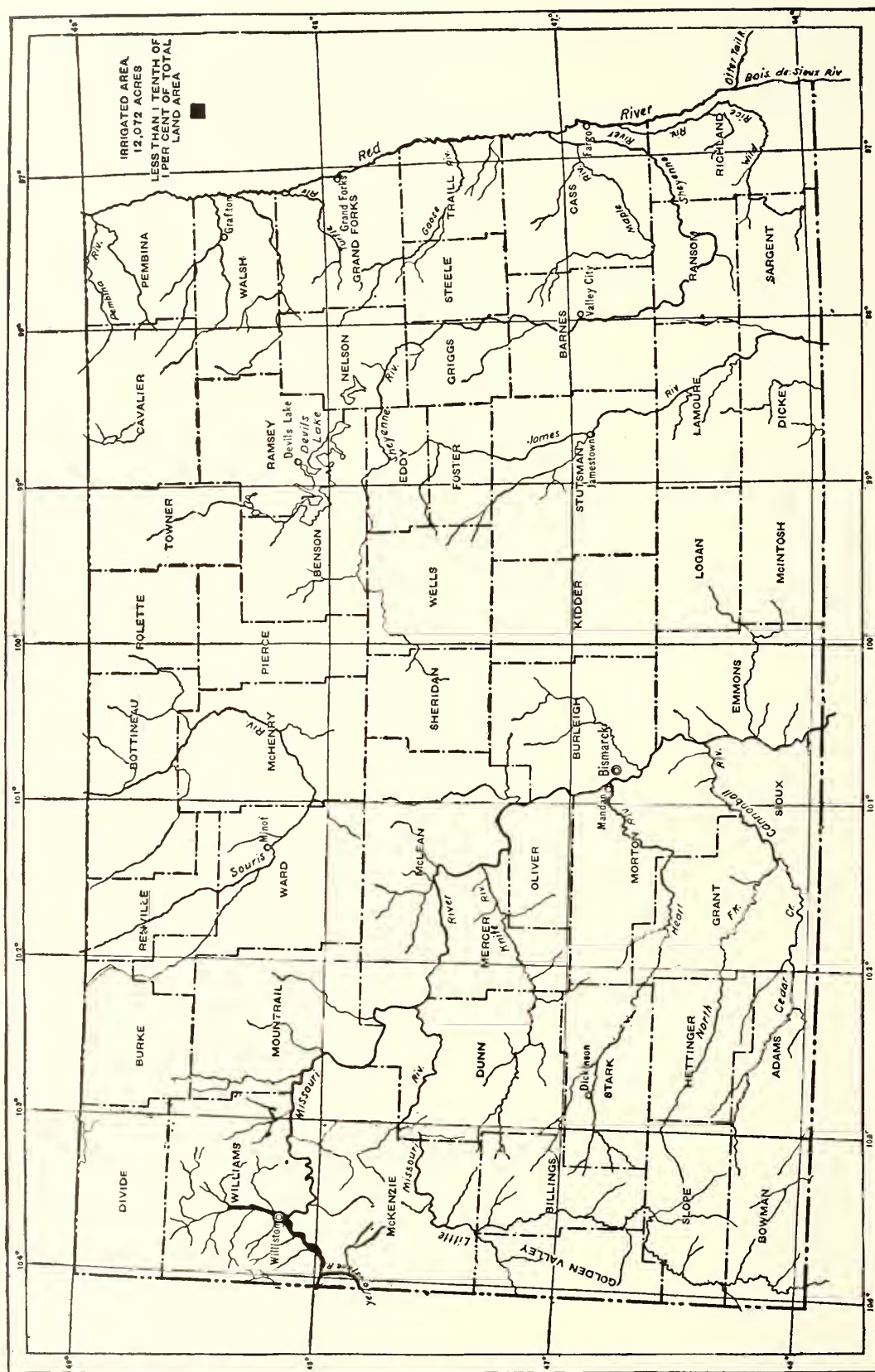






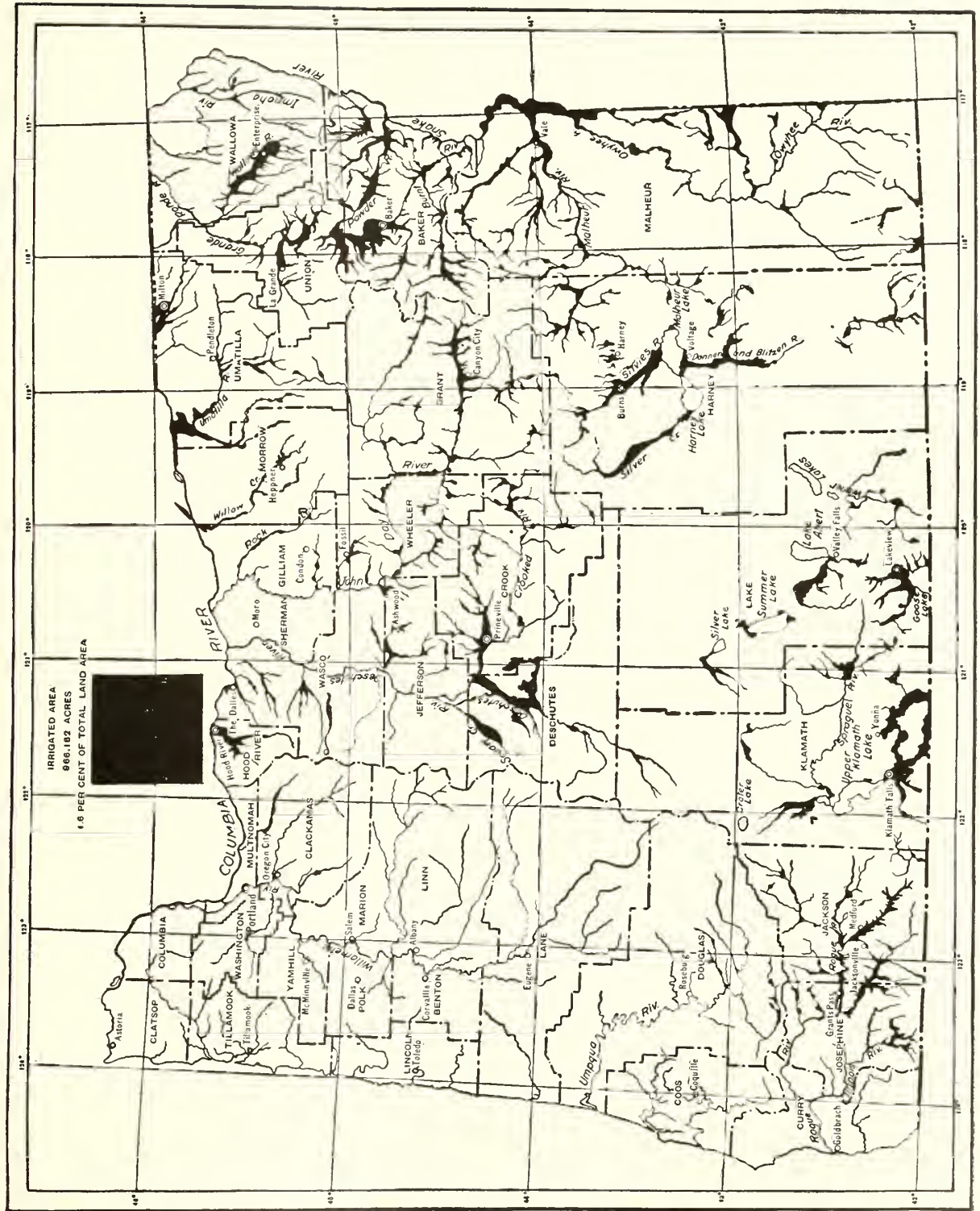
# APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

## NORTH DAKOTA.



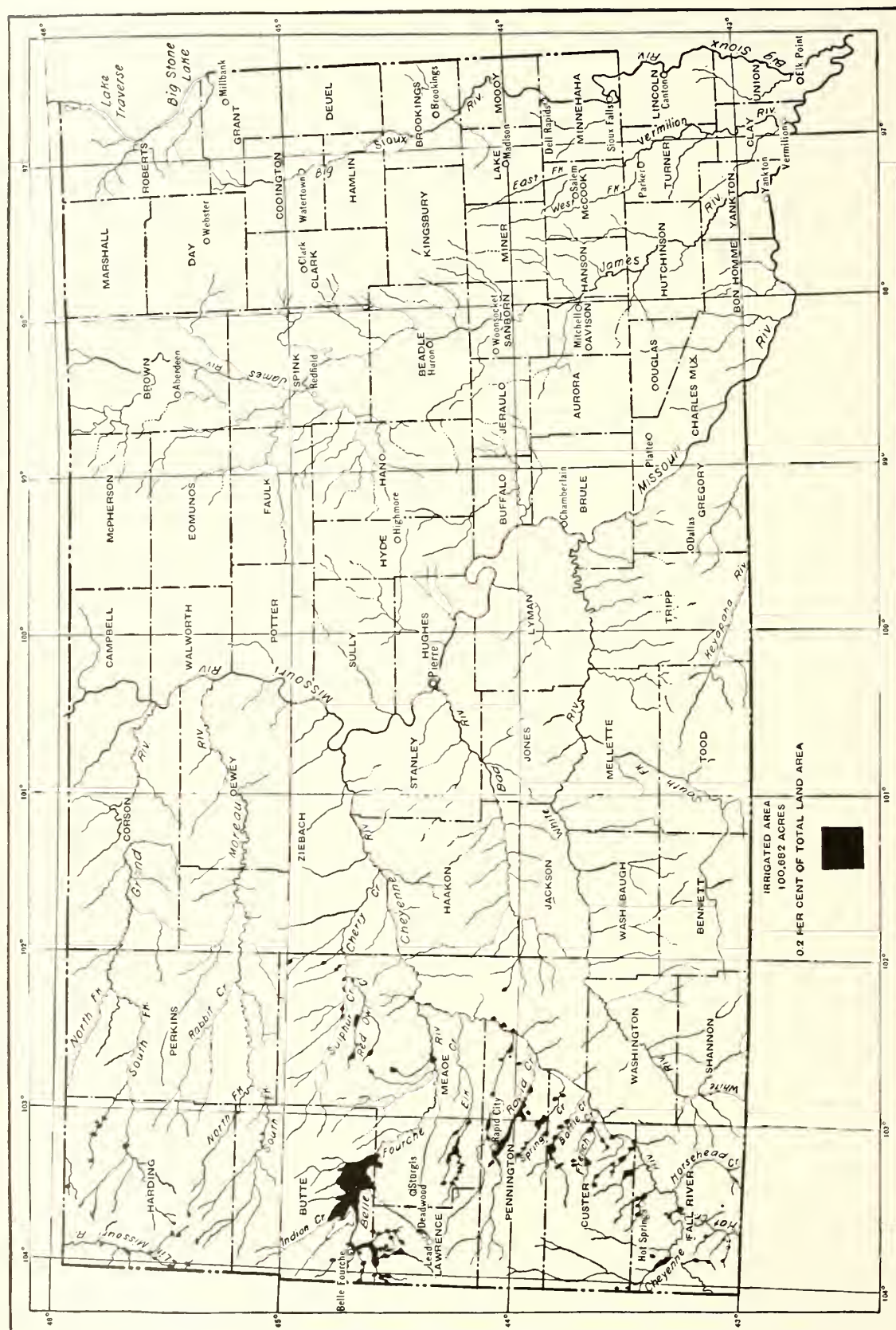
# APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

## OREGON.



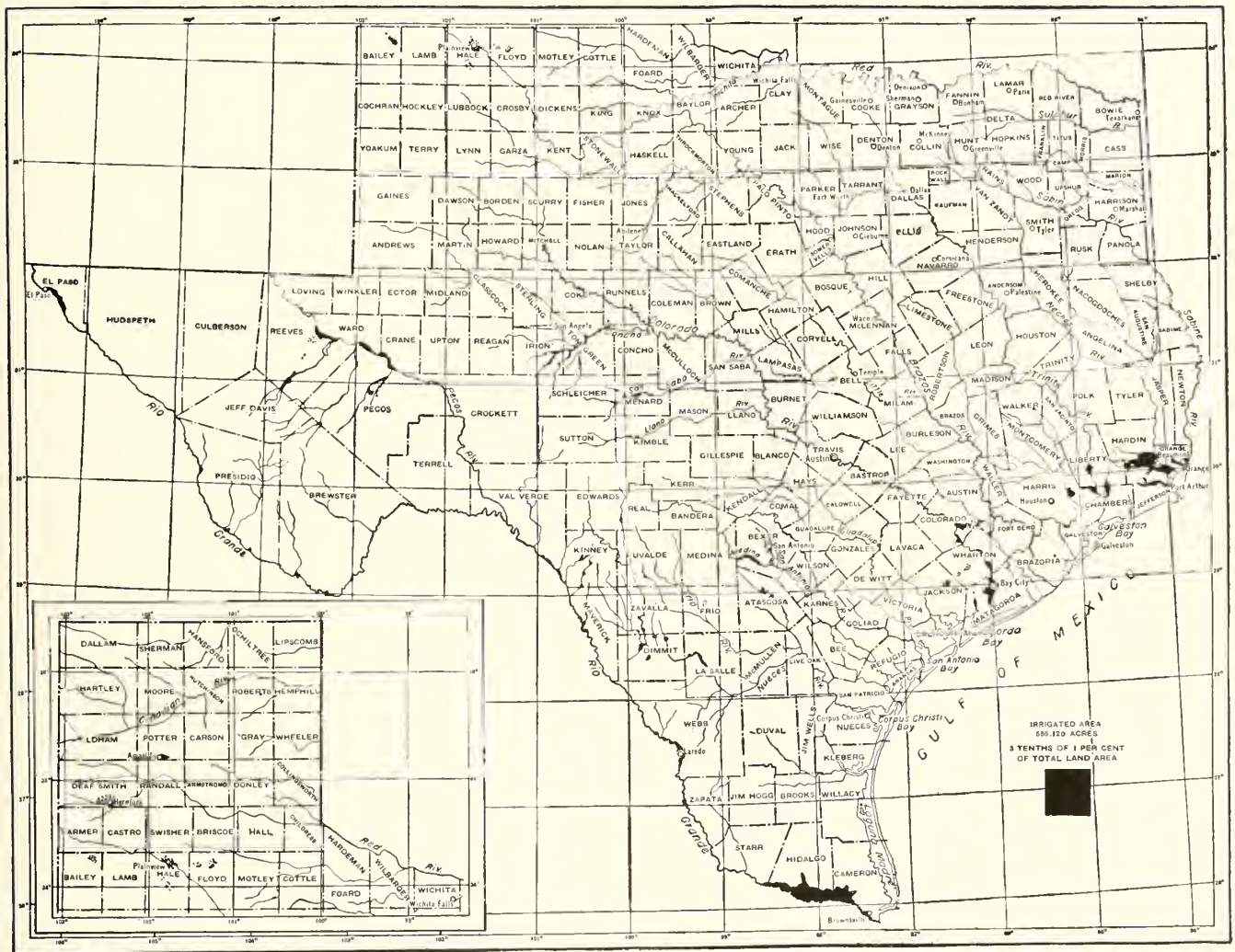


SOUTH DAKOTA.



# APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

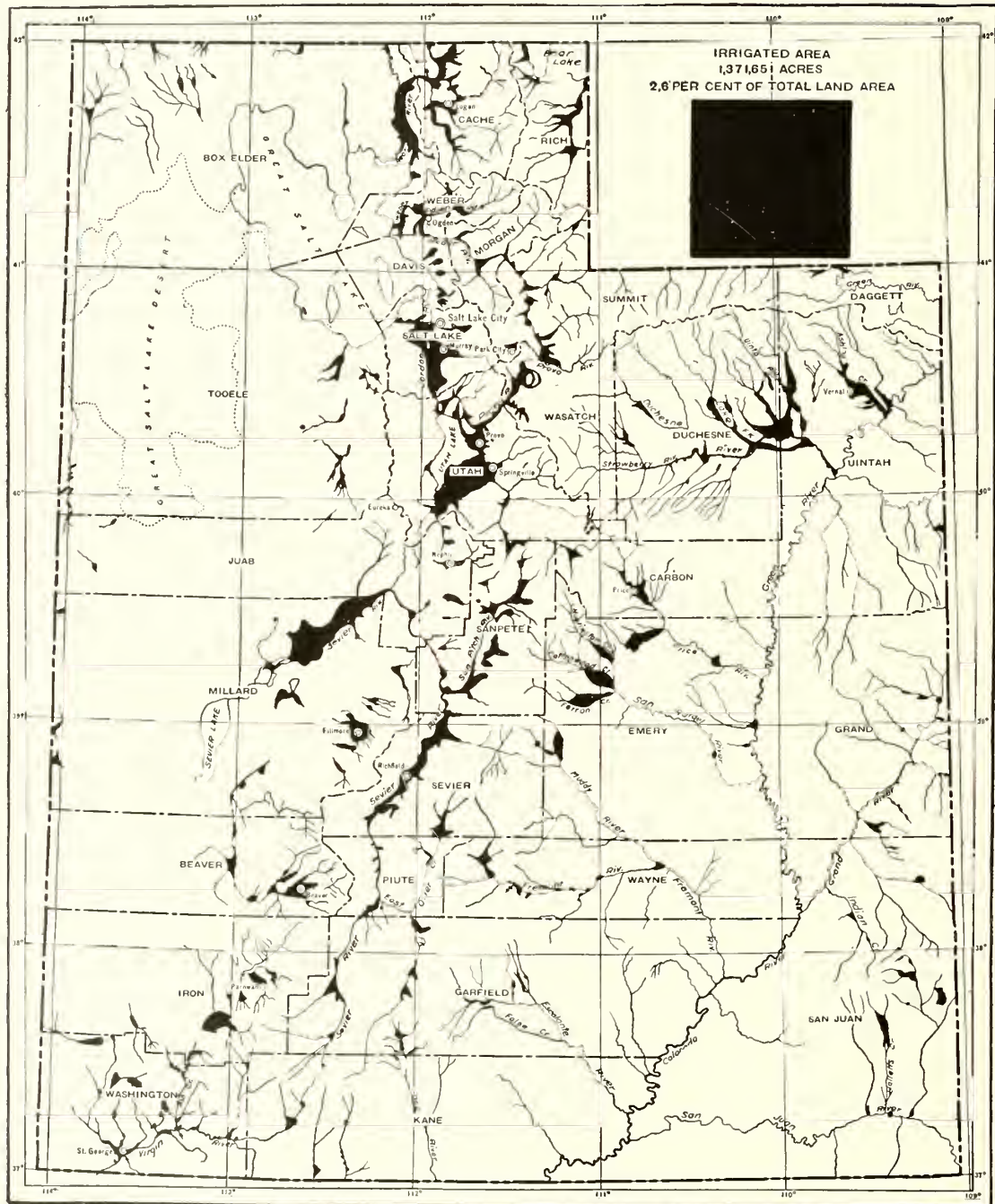
## TEXAS.



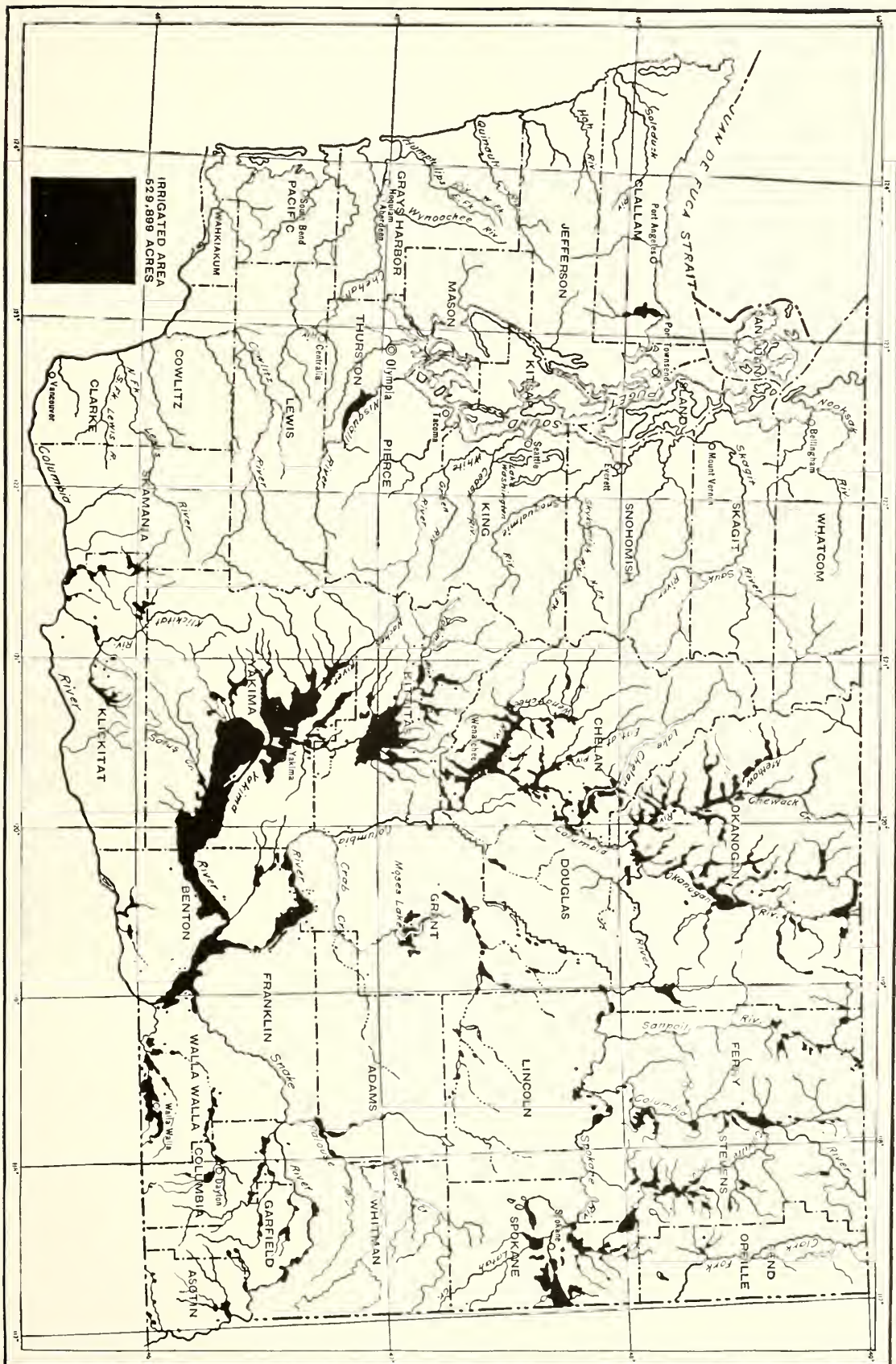


APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

UTAH.



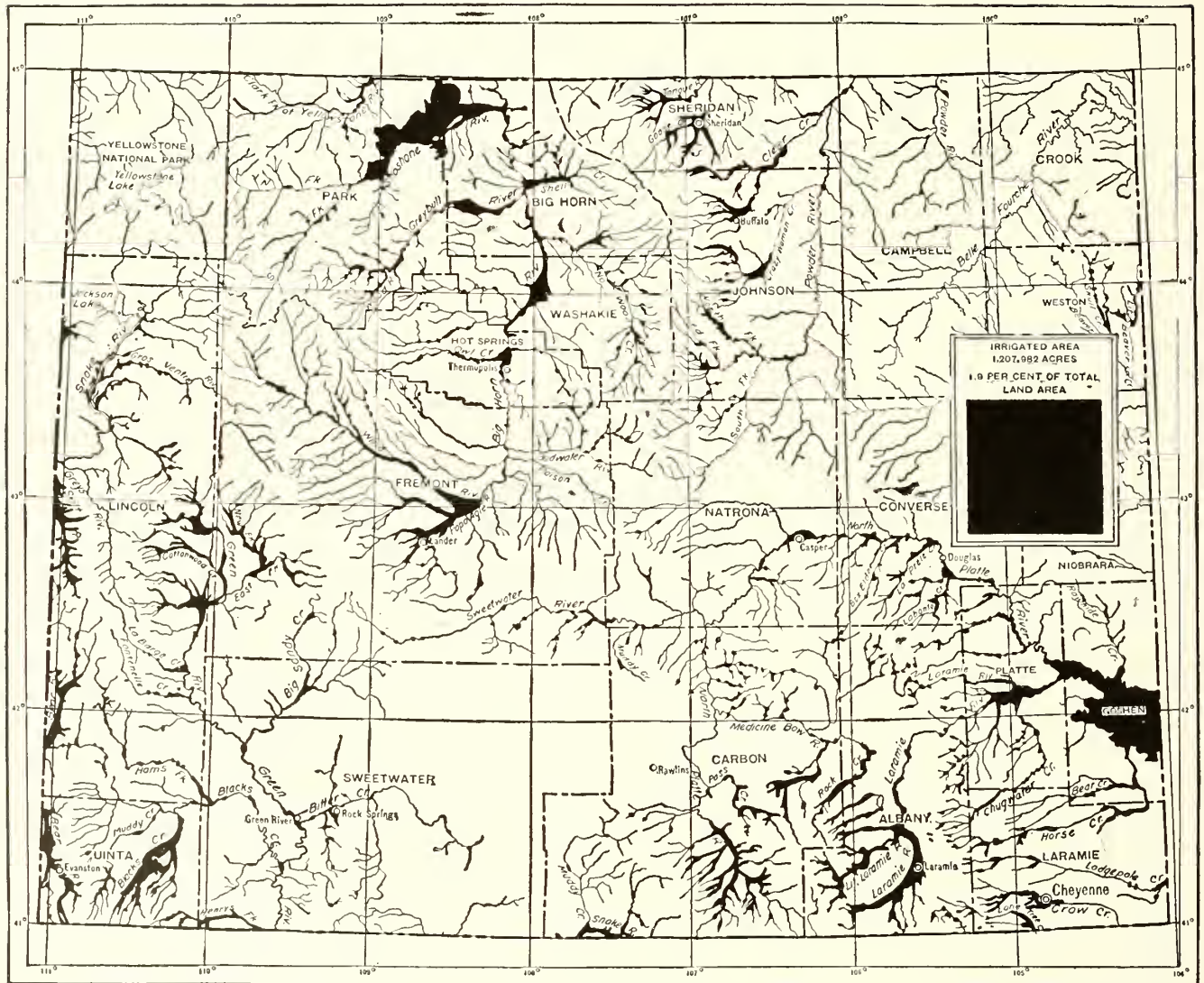
APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.  
WASHINGTON.





APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND: 1920.

WYOMING.



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# MANUFACTURES

PLATES 342-350

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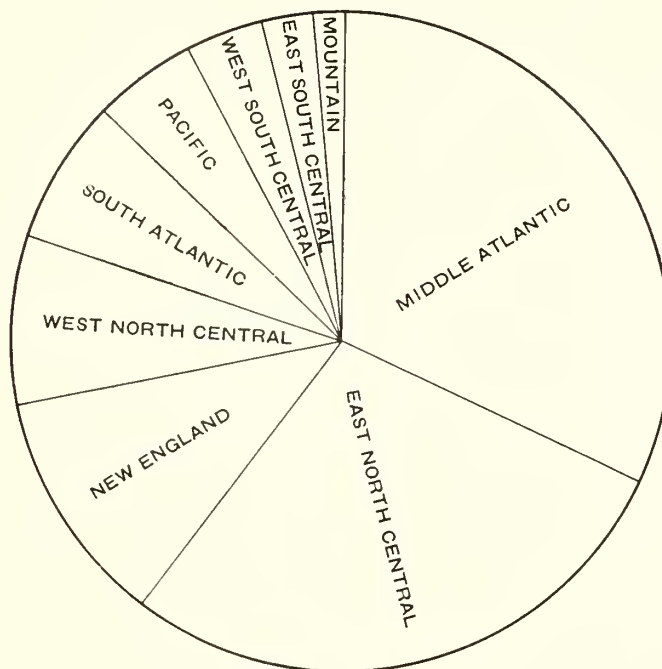
## MANUFACTURES.

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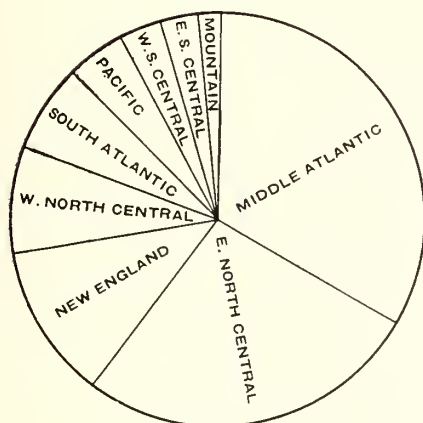
PLATE No.	TITLE.	PLATE No.	TITLE.
342	Value of all manufactured products and proportional value for each geographic division: 1919, 1914, 1909, 1904, and 1899.	347	Value of products for leading industries: 1919 and 1914.
343	Value of products of manufacturing industries, by states: 1919 and 1914.	348	Average number of wage earners, by states: 1919 and 1914.
344	Value added by manufacture, by states: 1919 and 1914.	349	Average number of wage earners by industries employing over 40,000 wage earners: 1919 and 1914.
345	Value of all manufactured products and proportional value for each group: 1919, 1914, 1909, 1904, and 1899.	350	1. Value of manufactured products, by states: 1919 (map).
346	Value of products for groups of industries: 1919, 1914, and 1909.		2. Per cent of increase in population, 1910-1920, and in manufactures, 1909-1919.

VALUE OF ALL MANUFACTURED PRODUCTS AND PROPORTIONAL VALUE FOR EACH GEOGRAPHIC DIVISION:  
1919, 1914, 1909, 1904, AND 1899.

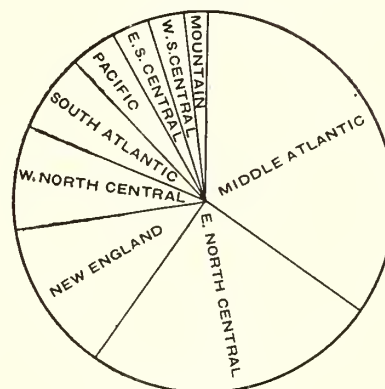
1919



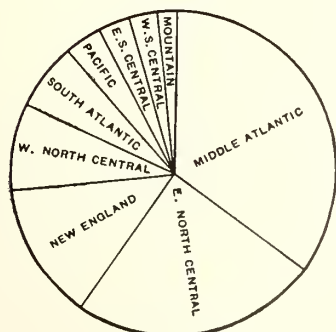
1914



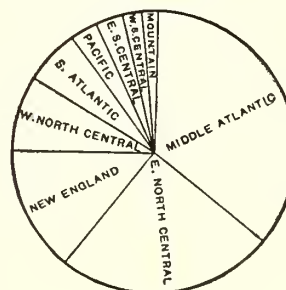
1909



1904

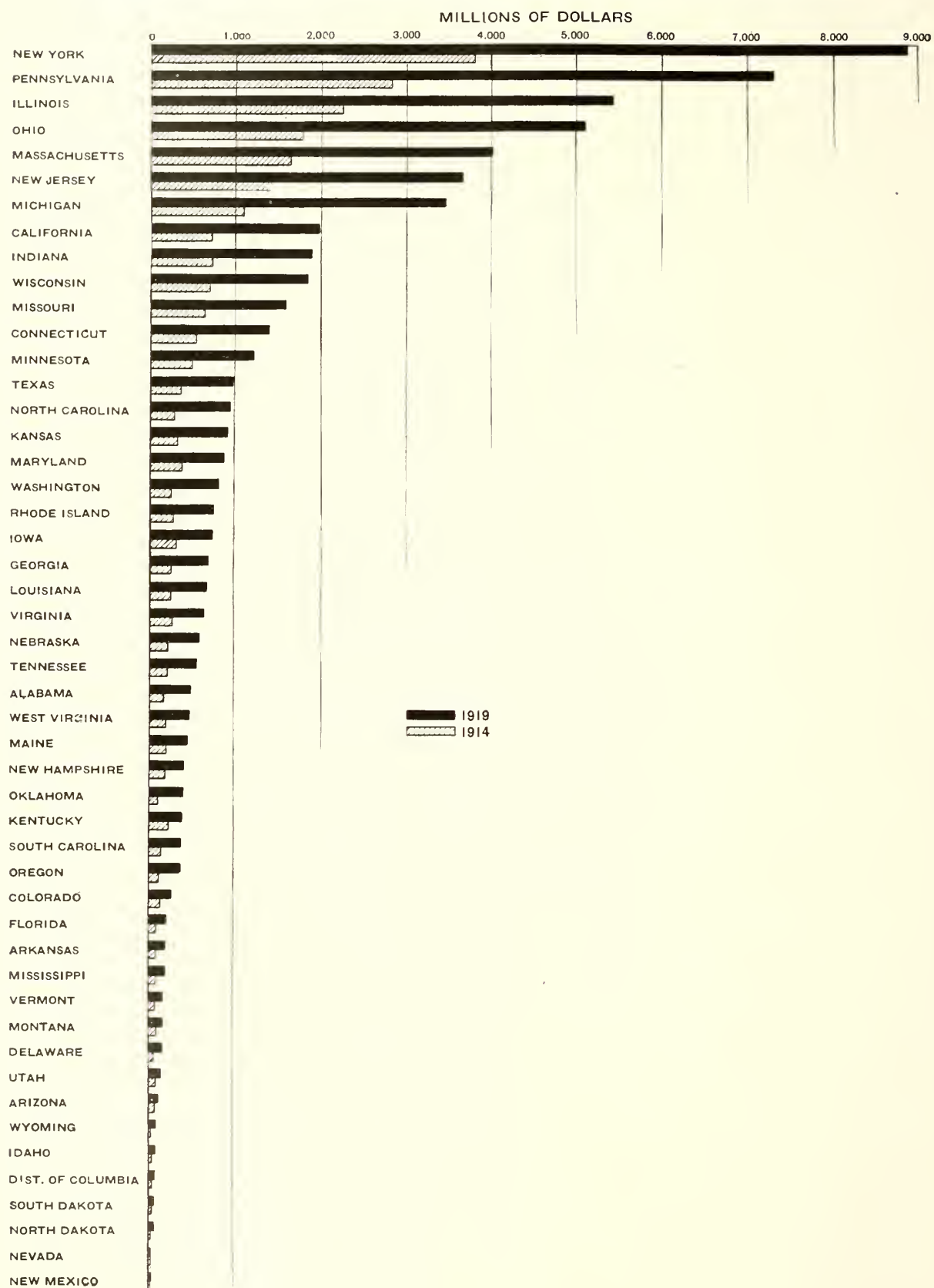


1899

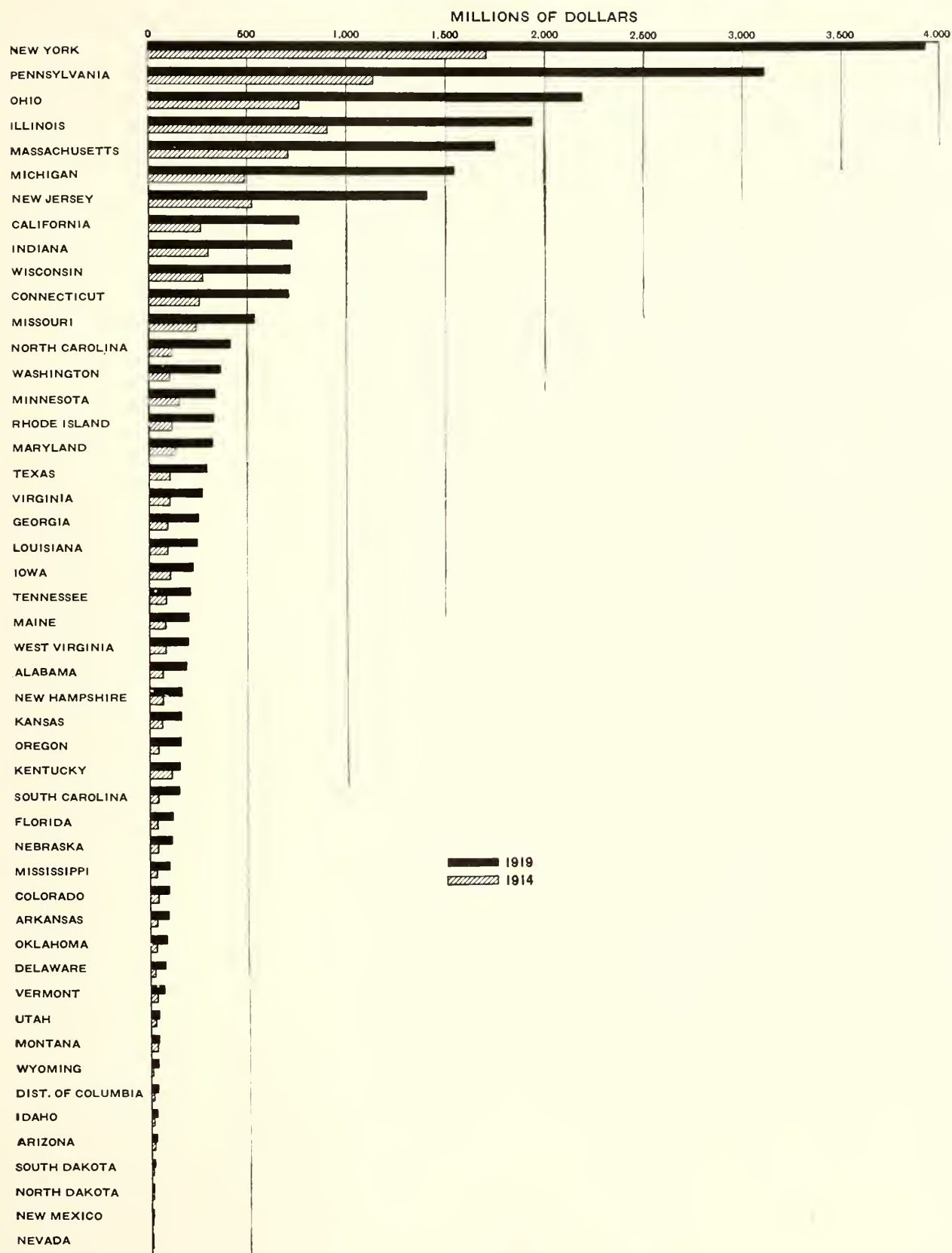




## VALUE OF PRODUCTS OF MANUFACTURING INDUSTRIES, BY STATES: 1919 AND 1914.



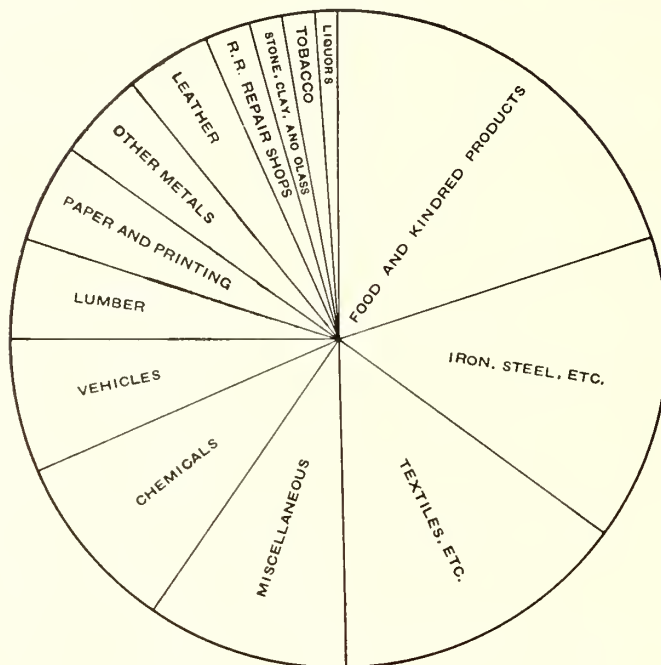
## VALUE ADDED BY MANUFACTURE, BY STATES: 1919 AND 1914.



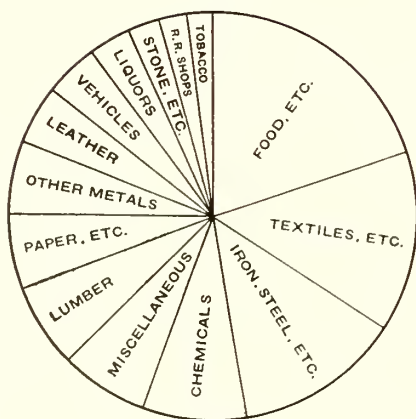


VALUE OF ALL MANUFACTURED PRODUCTS AND PROPORTIONAL VALUE FOR EACH GROUP:  
1919, 1914, 1909, 1904, AND 1899.

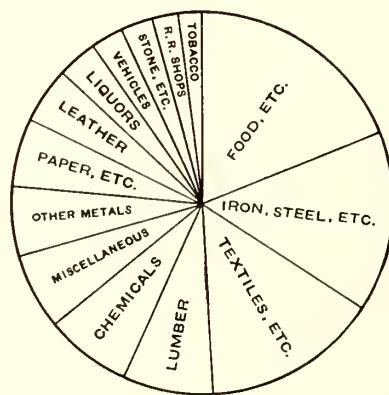
1919



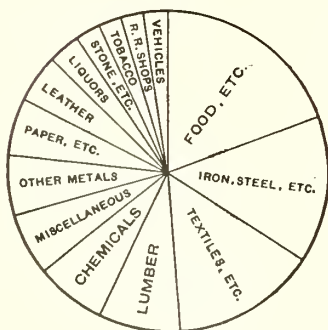
1914



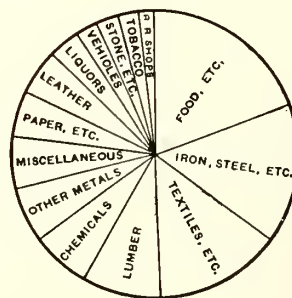
1909



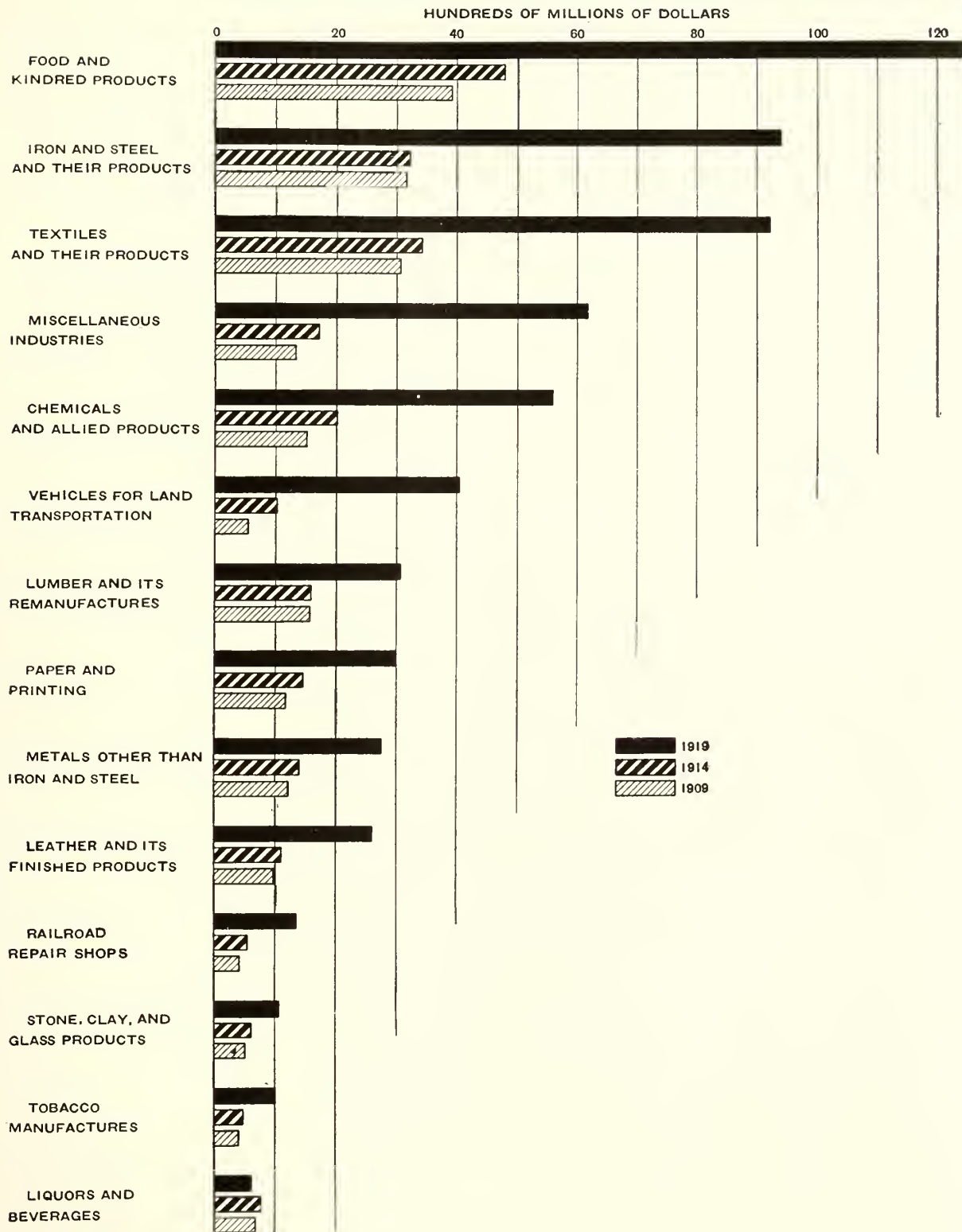
1904



1899

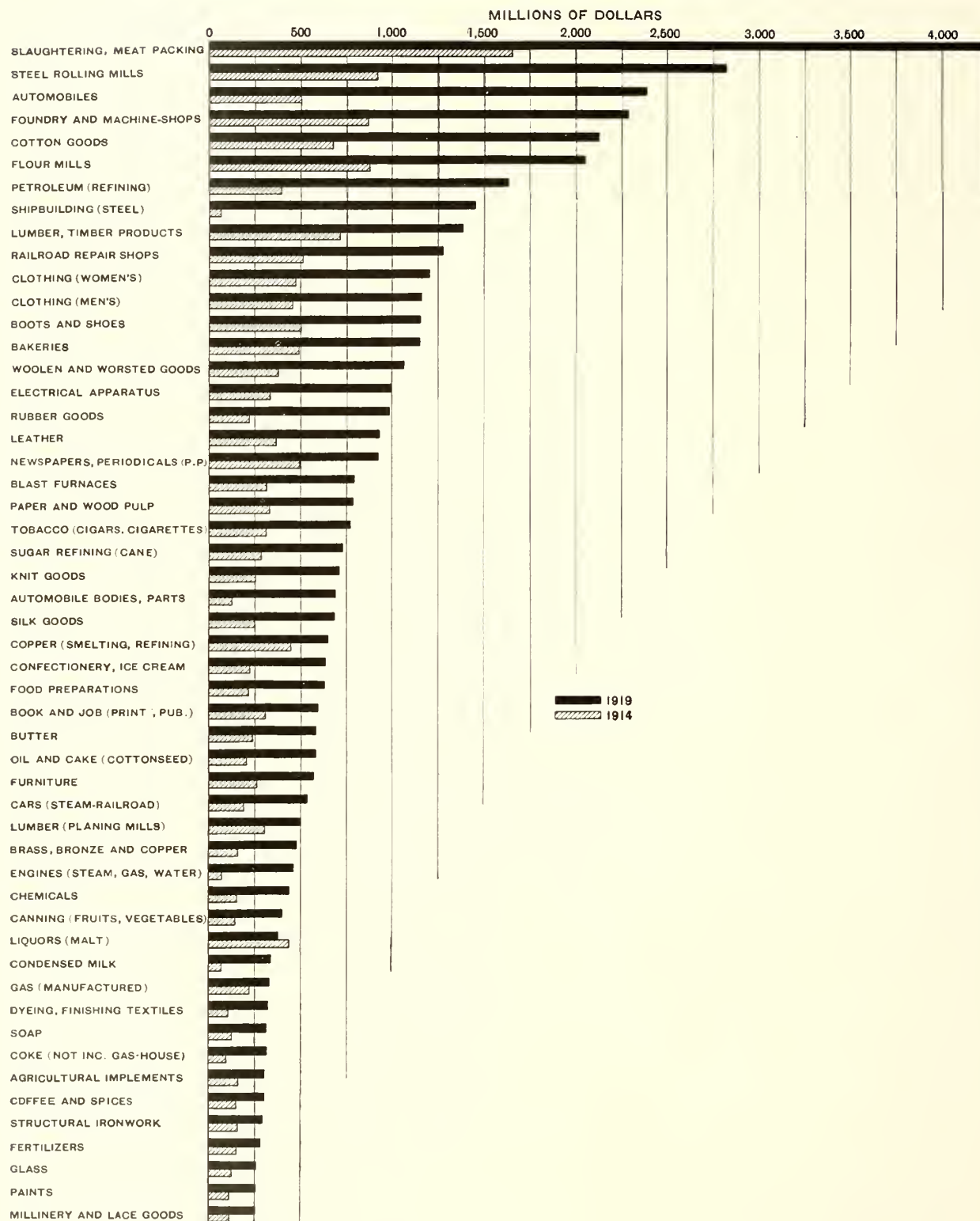


## VALUE OF PRODUCTS FOR GROUPS OF INDUSTRIES: 1919, 1914, AND 1909.

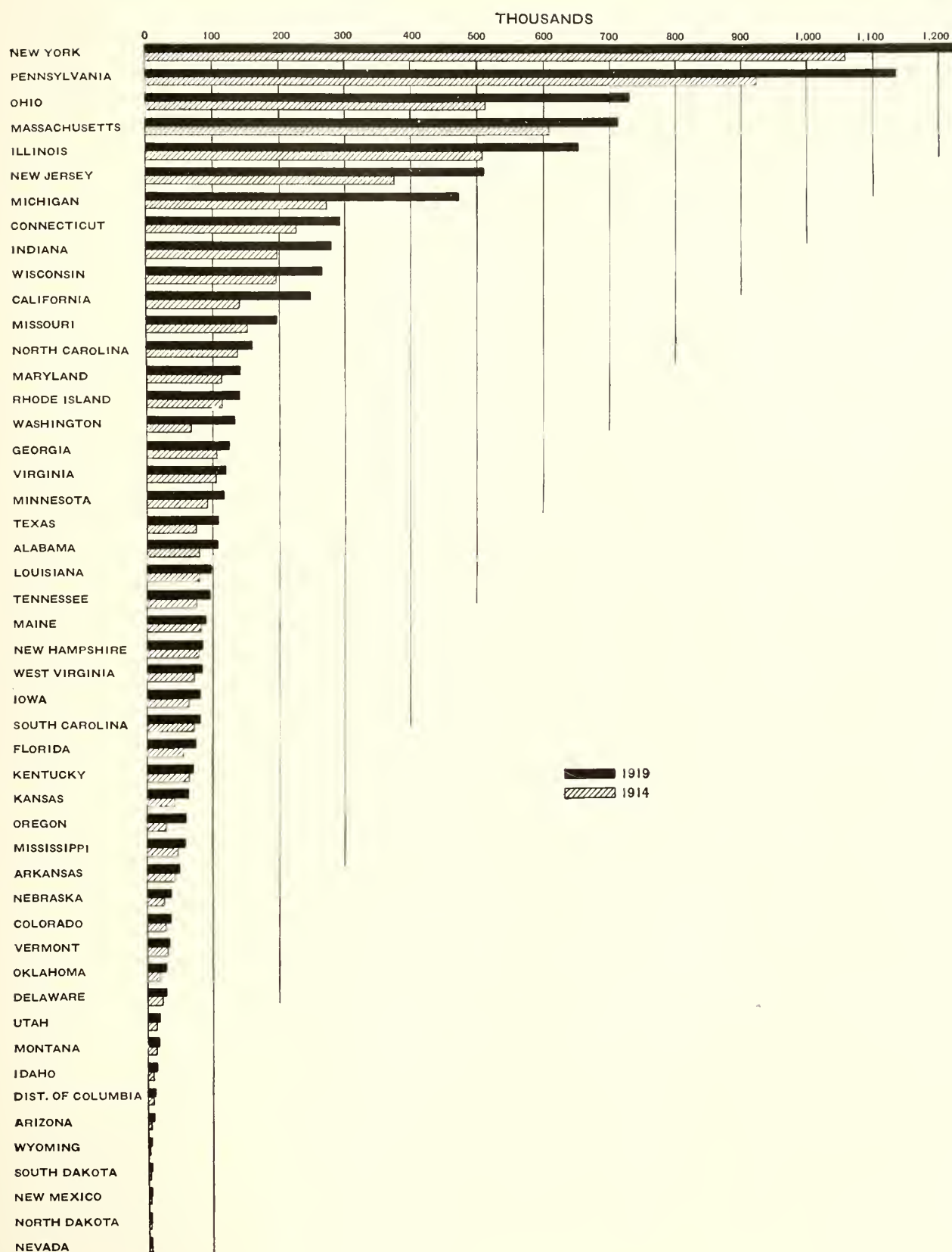




## VALUE OF PRODUCTS FOR LEADING INDUSTRIES: 1919 AND 1914.

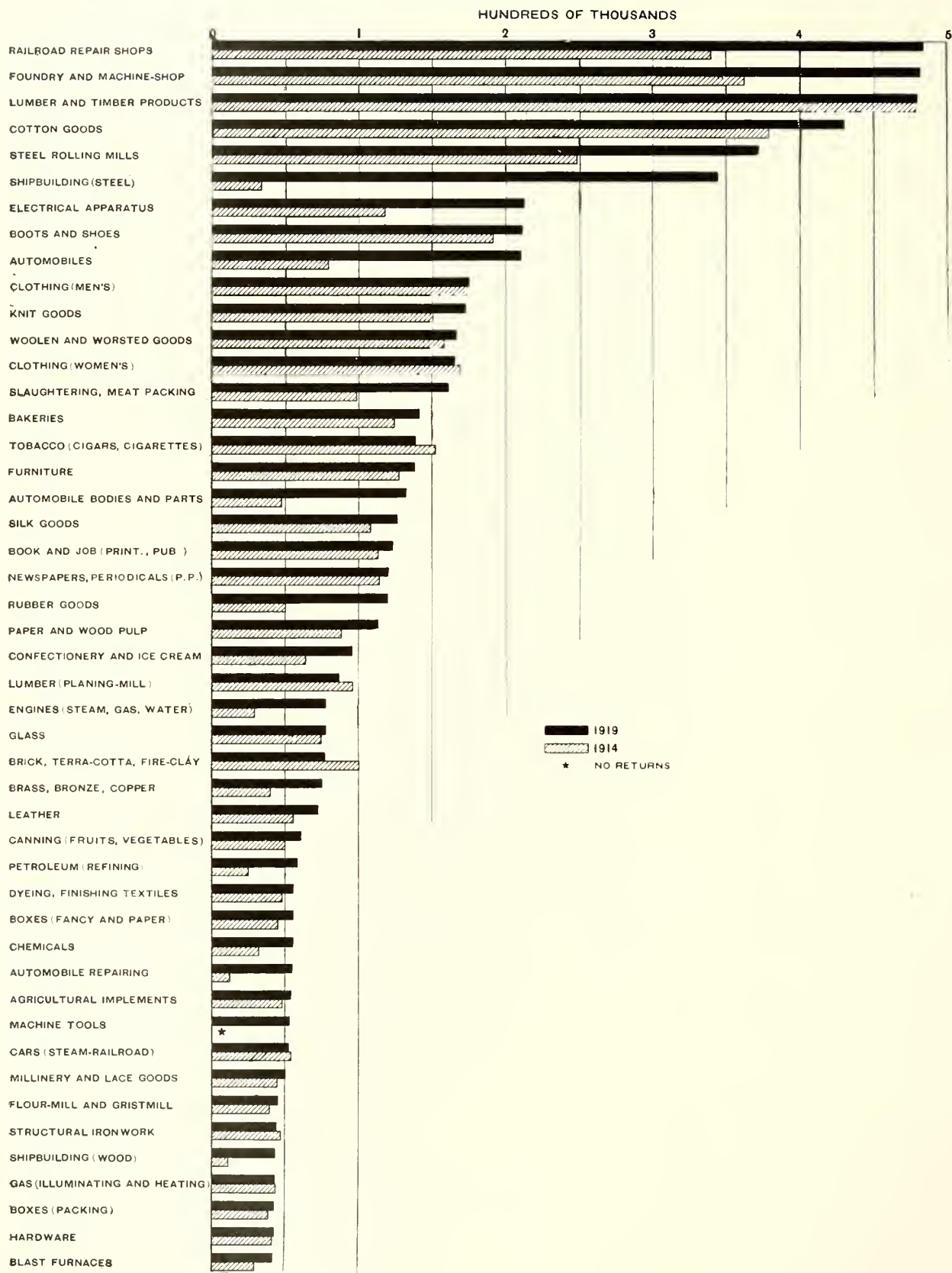


AVERAGE NUMBER OF WAGE EARNERS, BY STATES: 1919 AND 1914.





## AVERAGE NUMBER OF WAGE EARNERS BY INDUSTRIES EMPLOYING OVER 40,000 WAGE EARNERS: 1919 AND 1914.









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# MINES AND QUARRIES

PLATES 351-361

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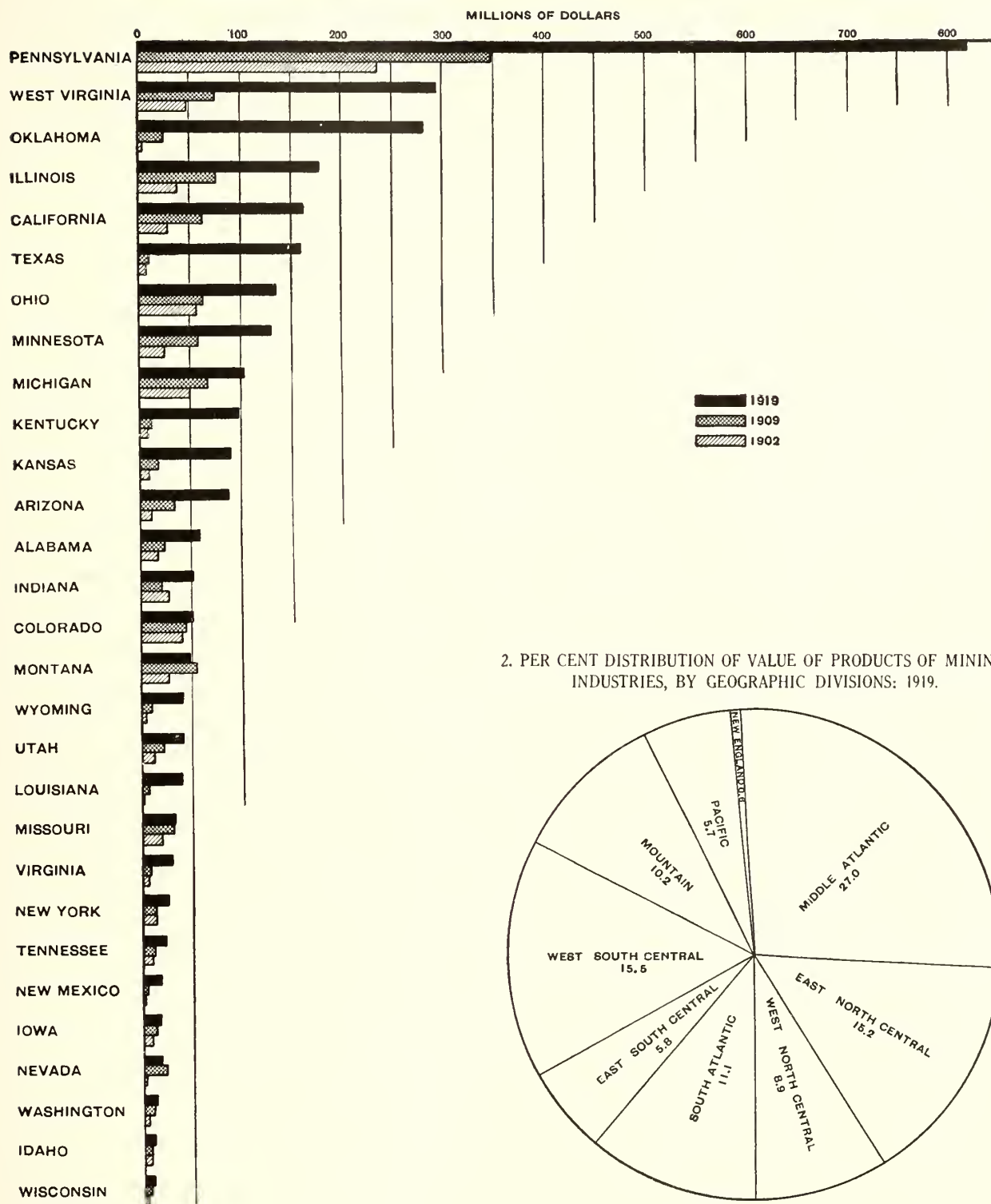
(387)



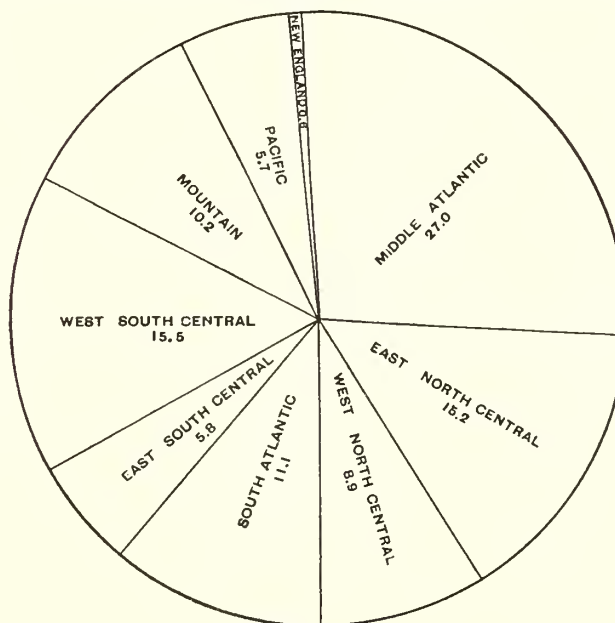
## MINES AND QUARRIES.

PLATE No.	TITLE.	PLATE No.	TITLE.
351	1. Value of products, mining industries, by states: 1919, 1909, and 1902. 2. Per cent distribution of value of products of mining industries, by geographic divisions: 1919.	356	Principal petroleum and natural-gas fields of the United States: 1919 (map).
352	1. Value of products, leading mining industries: 1919, 1909, and 1902. 2. Per cent distribution of value of products of mining industries, by industries: 1919. 3. Value of products, mining industries, by states: 1919 (map).	357	1. Principal iron-ore producing localities: 1919 (map). 2. Comparative production, anthracite and bituminous coal, by decades: 1829-1919.
353	Value of products, leading mining industries, by states: 1919.	358	1. Annual production of anthracite and bituminous coal: 1889-1919. 2. Production of iron ore, United States and principal producing regions: 1879-1920.
354	Value of products, leading mining industries, by states: 1909.	359	1. Production of iron ore, by principal states: 1879-1919. 2. Per cent of production of iron ore, by states: 1919.
355	Coal fields of the United States: 1919 (map).	360	Gold and silver producing localities: 1919 (map).
		361	Lead and zinc, and copper producing localities: 1919 (map).

1. VALUE OF PRODUCTS, MINING INDUSTRIES, BY STATES: 1919, 1909, AND 1902.

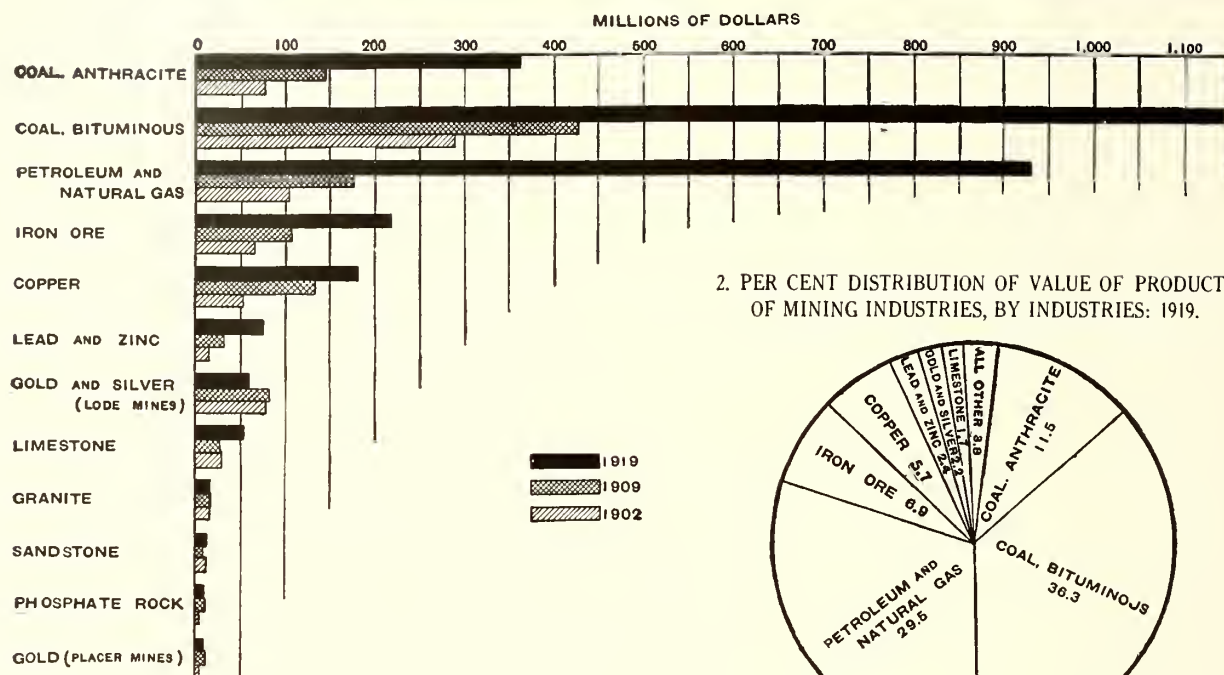


2. PER CENT DISTRIBUTION OF VALUE OF PRODUCTS OF MINING INDUSTRIES, BY GEOGRAPHIC DIVISIONS: 1919.

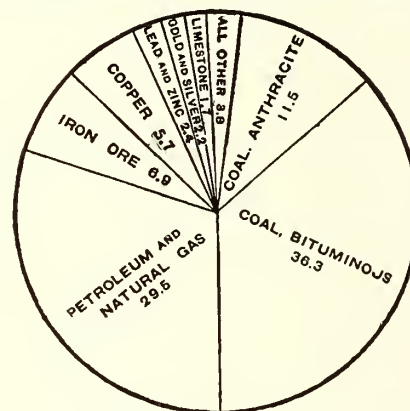




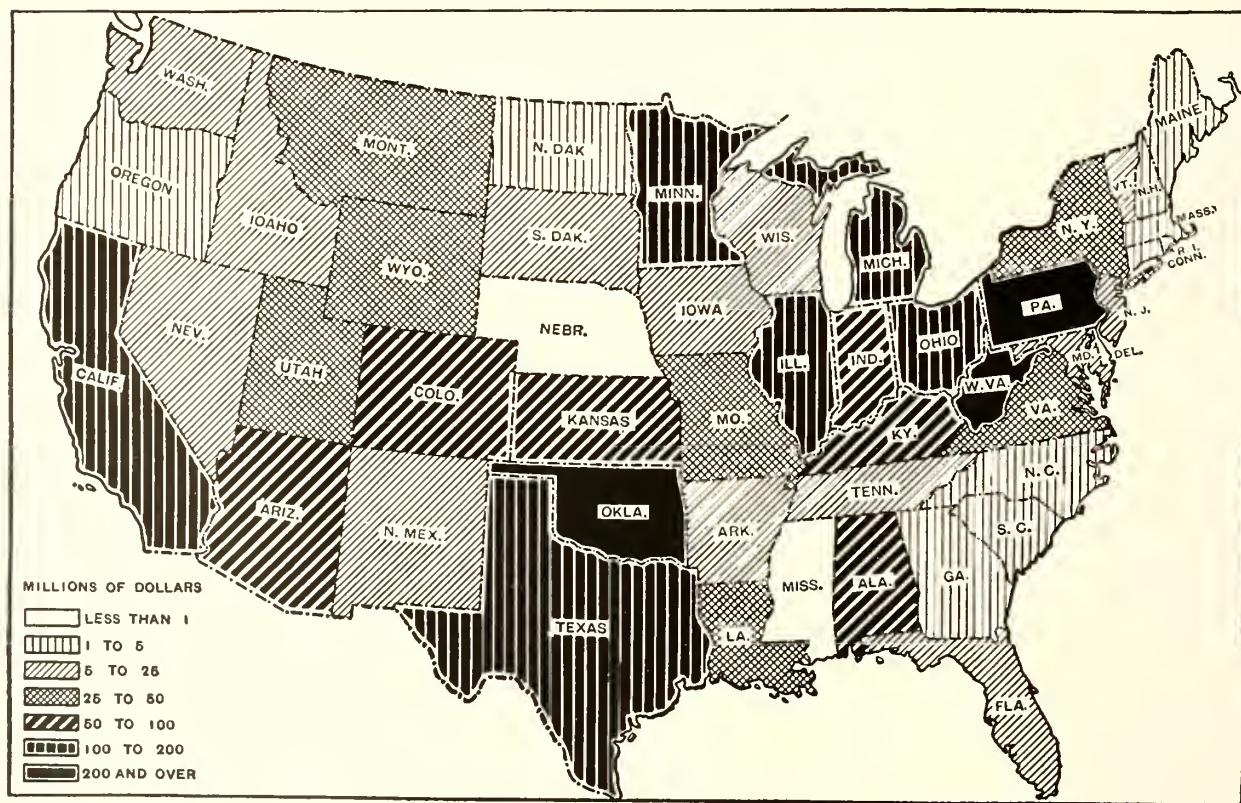
1. VALUE OF PRODUCTS, LEADING MINING INDUSTRIES: 1919, 1909, AND 1902.



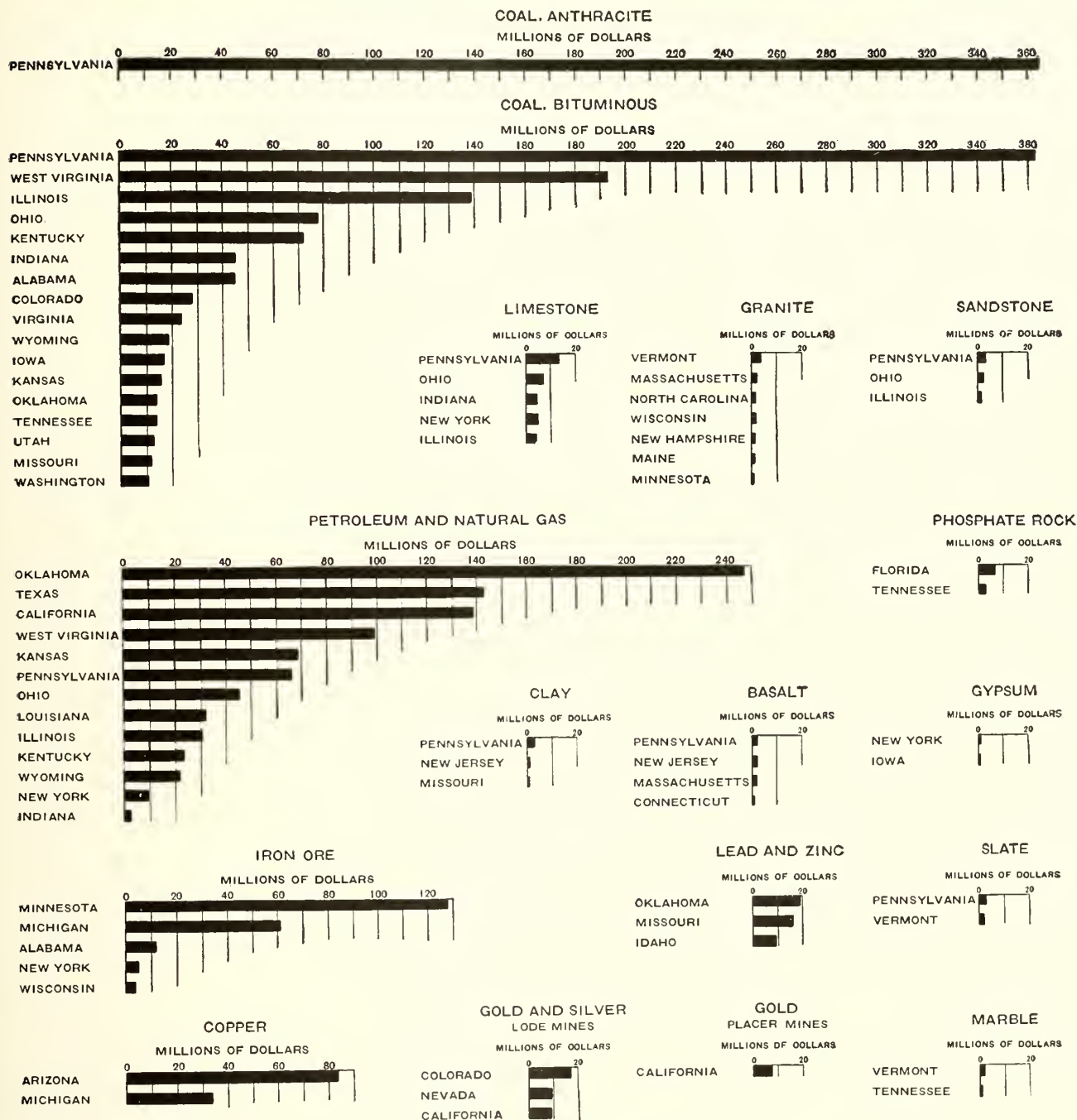
2. PER CENT DISTRIBUTION OF VALUE OF PRODUCTS OF MINING INDUSTRIES, BY INDUSTRIES: 1919.



3. VALUE OF PRODUCTS, MINING INDUSTRIES, BY STATES: 1919.

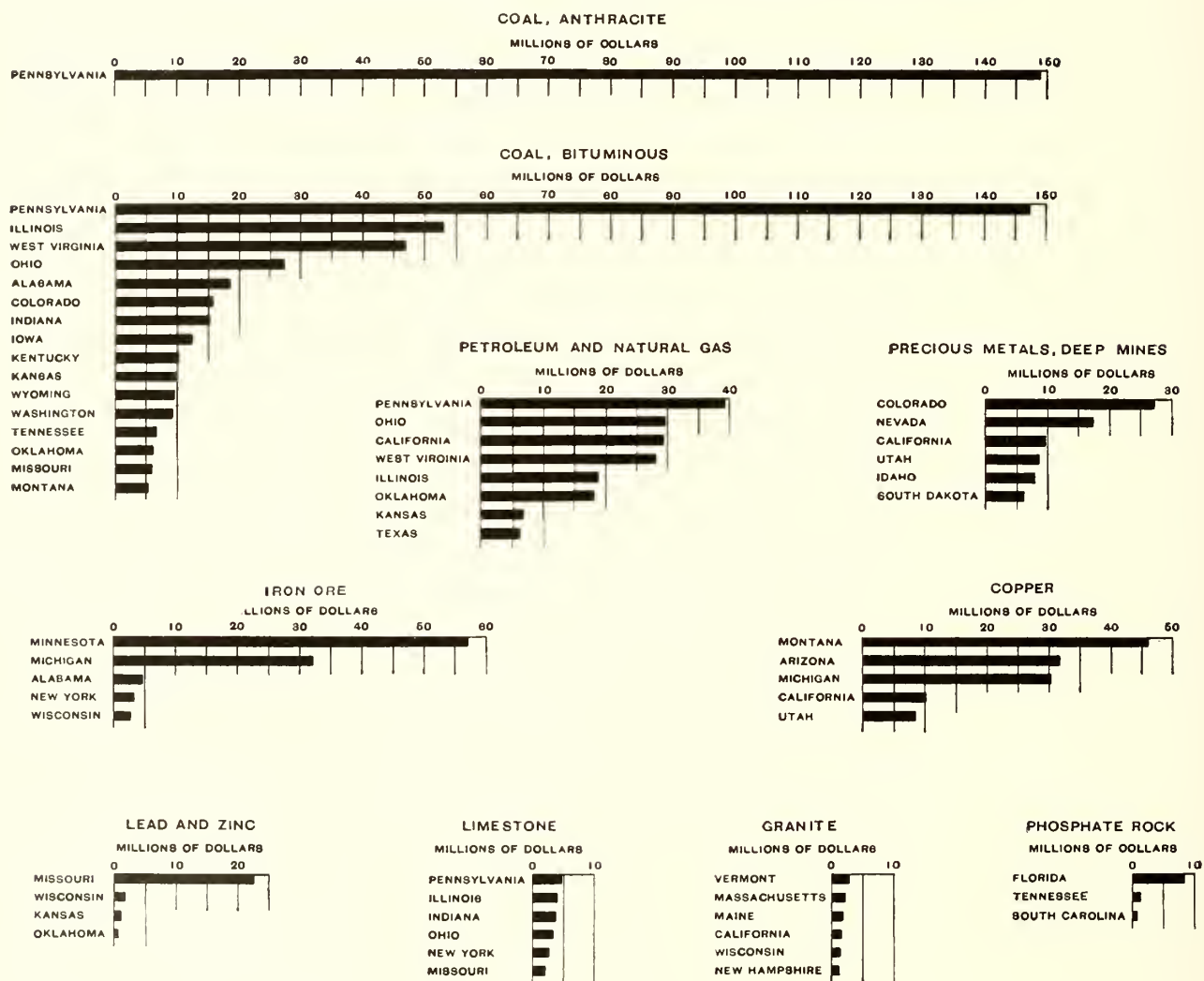


# VALUE OF PRODUCTS, LEADING MINING INDUSTRIES, BY STATES: 1919.



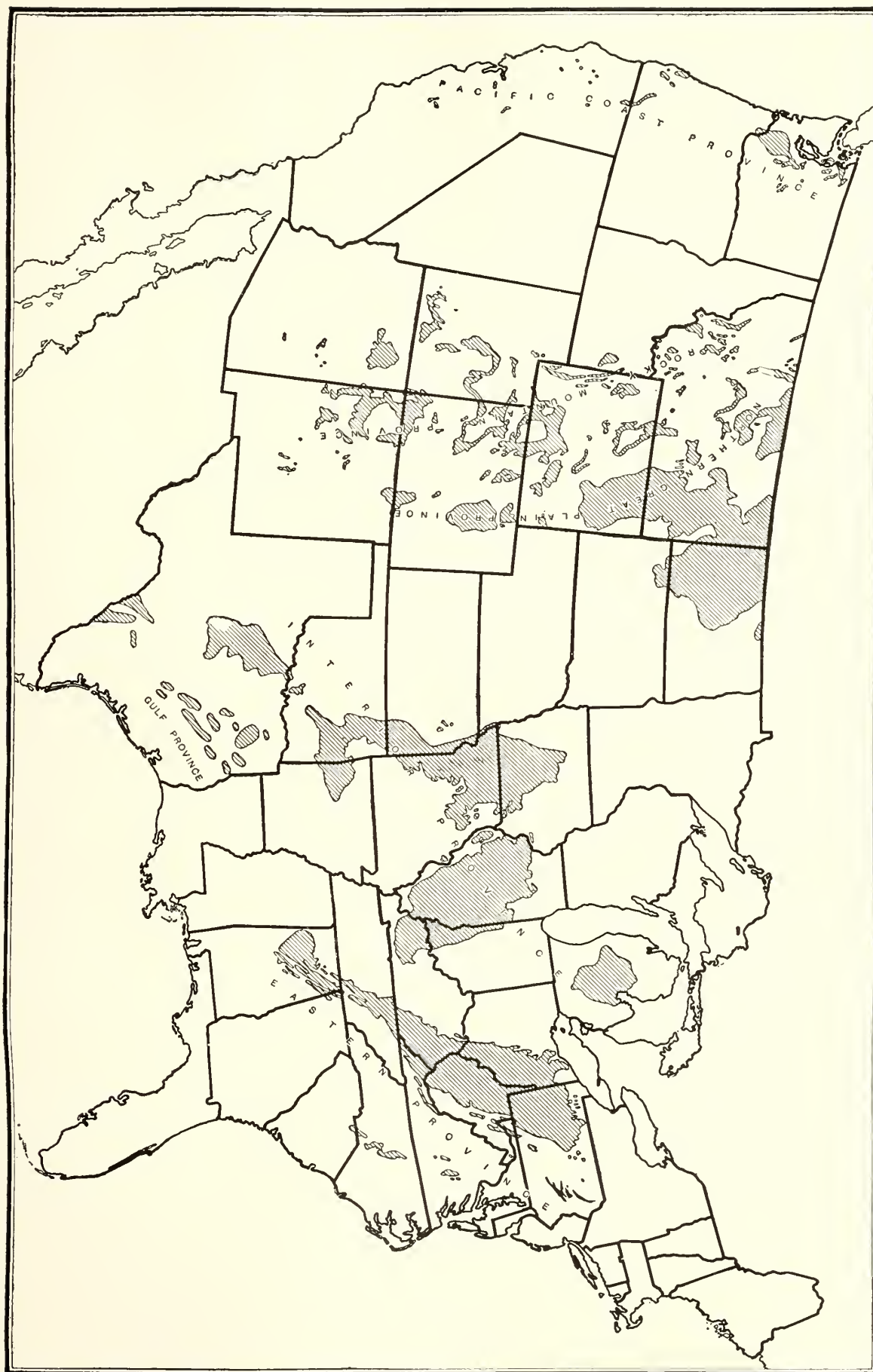


## VALUE OF PRODUCTS, LEADING MINING INDUSTRIES, BY STATES: 1909.



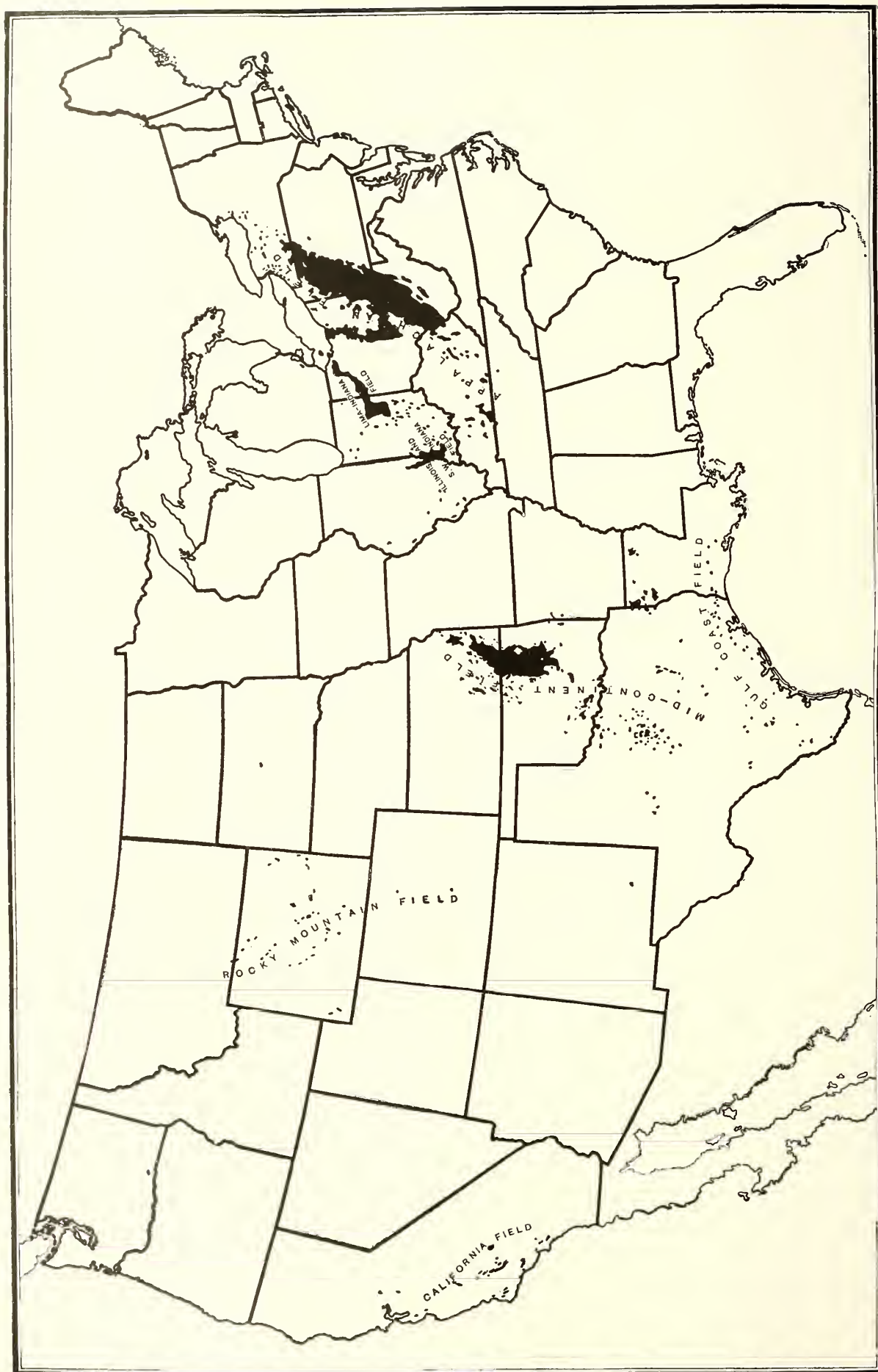
## COAL FIELDS OF THE UNITED STATES: 1919.

[Shaded areas represent bituminous coal; solid black area (Pennsylvania) represents anthracite coal.]

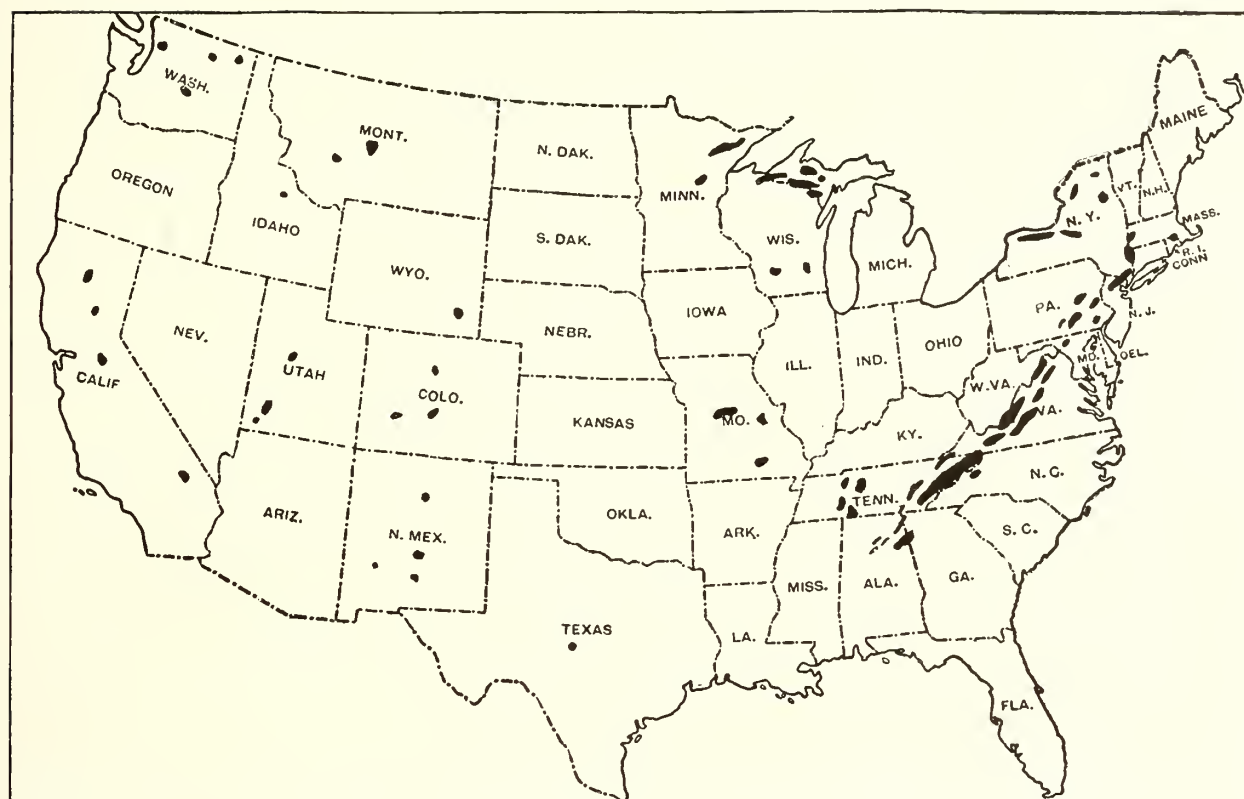




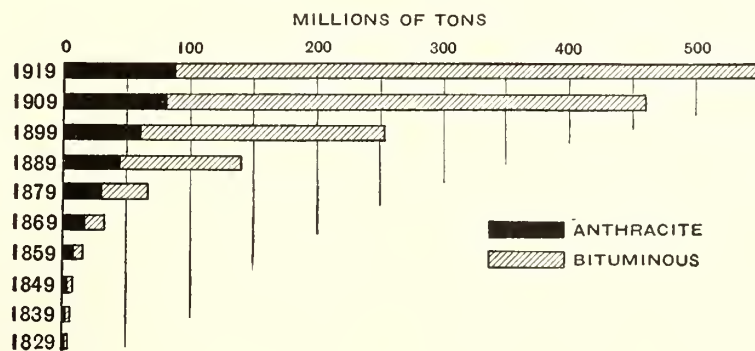
PRINCIPAL PETROLEUM AND NATURAL-GAS FIELDS OF THE UNITED STATES: 1919.



## 1. PRINCIPAL IRON-ORE PRODUCING LOCALITIES: 1919.

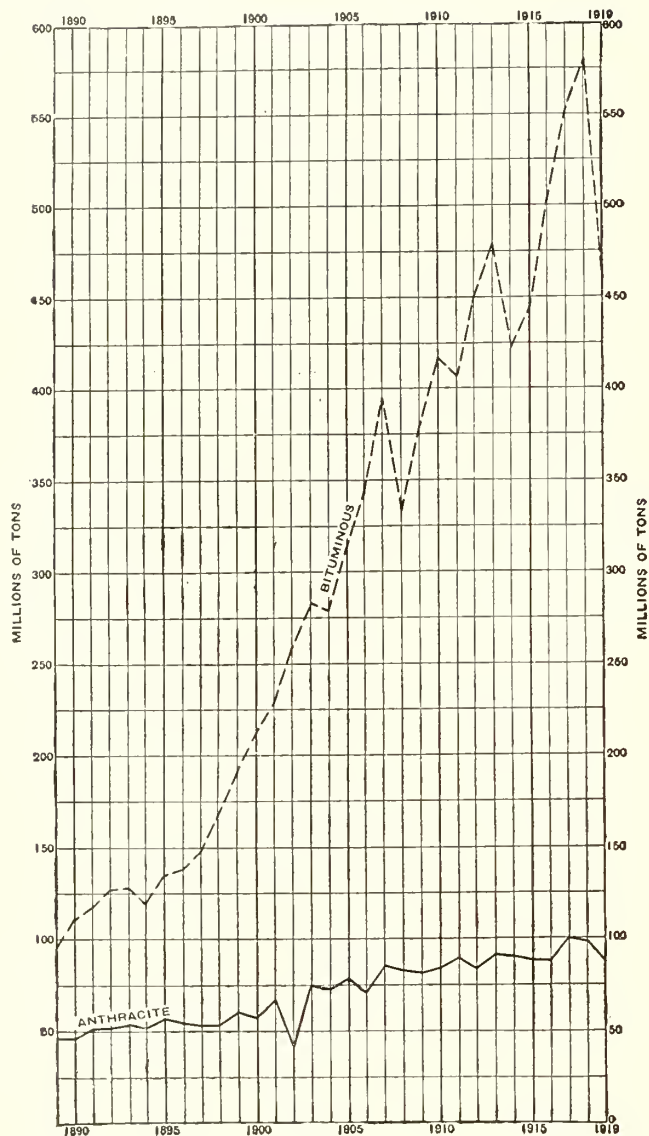


## 2. COMPARATIVE PRODUCTION, ANTHRACITE AND BITUMINOUS COAL, BY DECADES: 1829-1919.

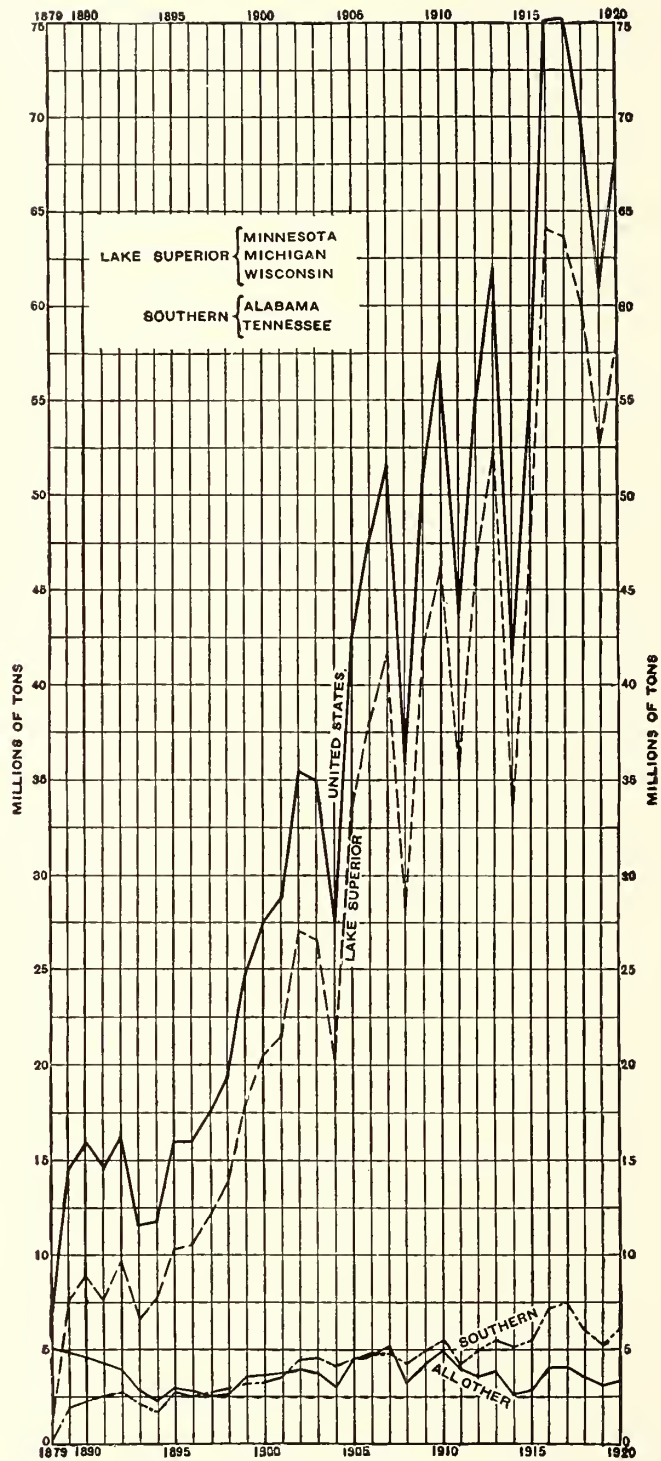




1. ANNUAL PRODUCTION OF ANTHRACITE AND BITUMINOUS COAL:  
1889-1919.

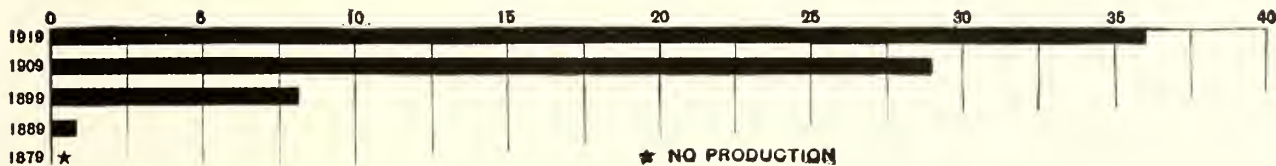


2. PRODUCTION OF IRON ORE, UNITED STATES AND PRINCIPAL  
PRODUCING REGIONS: 1879-1920.

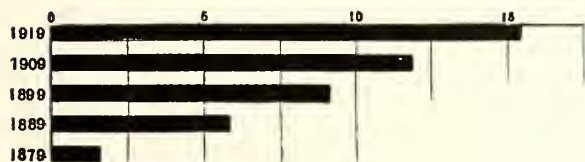


1. PRODUCTION OF IRON ORE, BY PRINCIPAL STATES: 1879-1919.

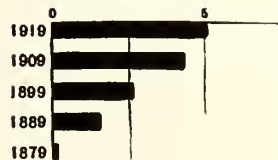
MINNESOTA  
MILLIONS OF TONS



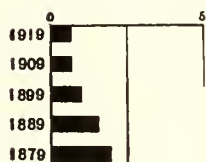
MICHIGAN  
MILLIONS OF TONS



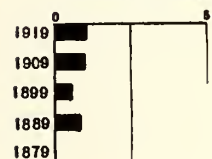
ALABAMA  
MILLIONS OF TONS



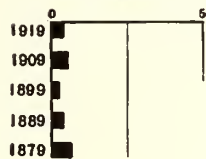
PENNSYLVANIA  
MILLIONS OF TONS



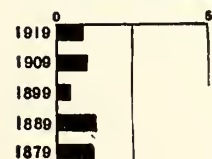
WISCONSIN  
MILLIONS OF TONS



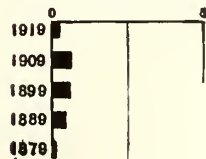
NEW JERSEY  
MILLIONS OF TONS



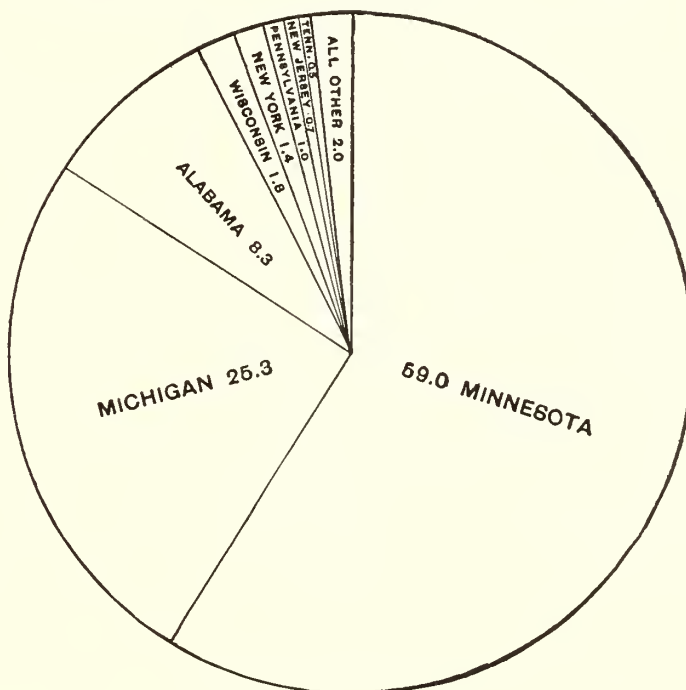
NEW YORK  
MILLIONS OF TONS



TENNESSEE  
MILLIONS OF TONS



2. PER CENT OF PRODUCTION OF IRON ORE, BY STATES: 1919.

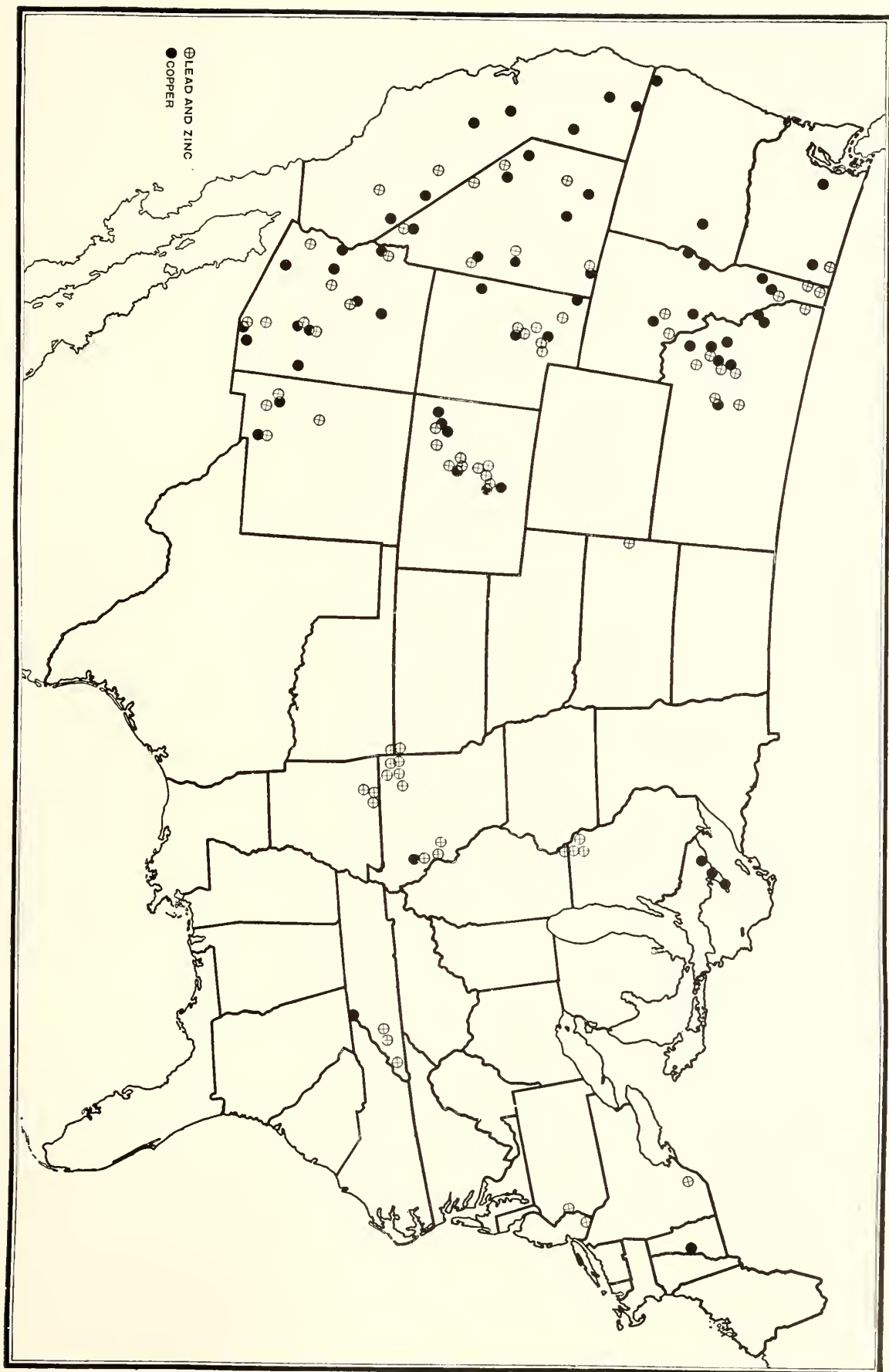




GOLD AND SILVER PRODUCING LOCALITIES: 1919.



LEAD AND ZINC, AND COPPER PRODUCING LOCALITIES: 1919.







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# COTTON

PLATES 362-374



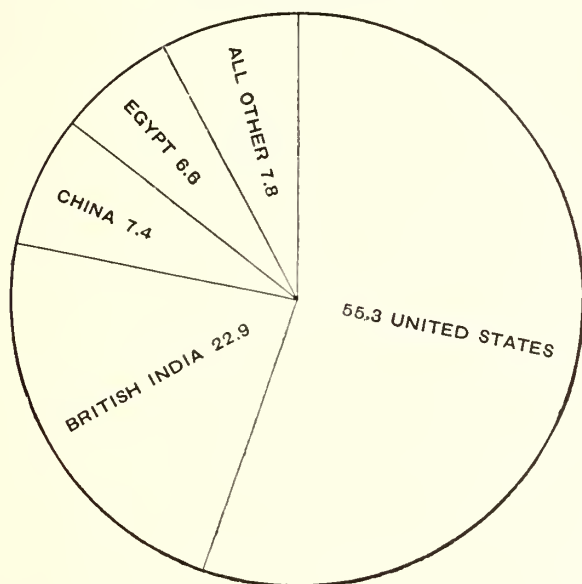
## COTTON.

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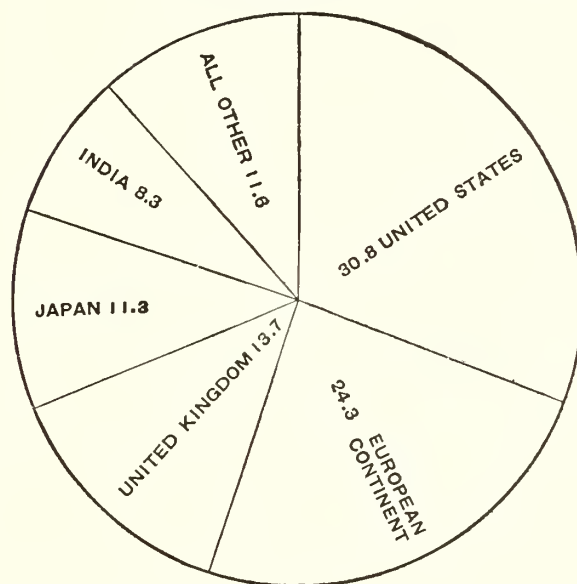
PLATE No.	TITLE.	PLATE No.	TITLE.
	Relative importance of the several countries in the production and consumption of cotton—	367	Georgia and South Carolina.
	1. Proportion of world's mill supply of cotton contributed by each country: 1922.	368	North Carolina and Tennessee.
362	2. Proportion of total consumption of cotton, by countries, year ending July 31, 1923.	369	{ Texas.
	3. Cotton production in specified years: 1790-1922.		{ Per cent of cotton grown in each state, crop of 1922.
363	Cotton-producing area of the United States in 1922, and center of production: 1859, 1879, 1906, 1910, 1912, 1914, 1916, 1918, 1919, and 1922 (map).	370	{ 1. Cotton ginnings to specified dates: 1905-1922.
	Cotton ginned, by counties: 1922 (maps)—		{ 2. Area and yield of cotton: 1893-1922.
364	Mississippi and Alabama.	371	Cotton consumed, by months: September, 1912, to July, 1923.
365	Arkansas and Oklahoma.	372	Cotton stocks, by months: September, 1912, to July, 1923.
366	Louisiana and Florida.	373	Cotton imports, by months: September, 1912, to July, 1923.
		374	Exports of domestic cotton, by specified countries and by months: September, 1912, to July, 1923.

## RELATIVE IMPORTANCE OF THE SEVERAL COUNTRIES IN THE PRODUCTION AND CONSUMPTION OF COTTON.

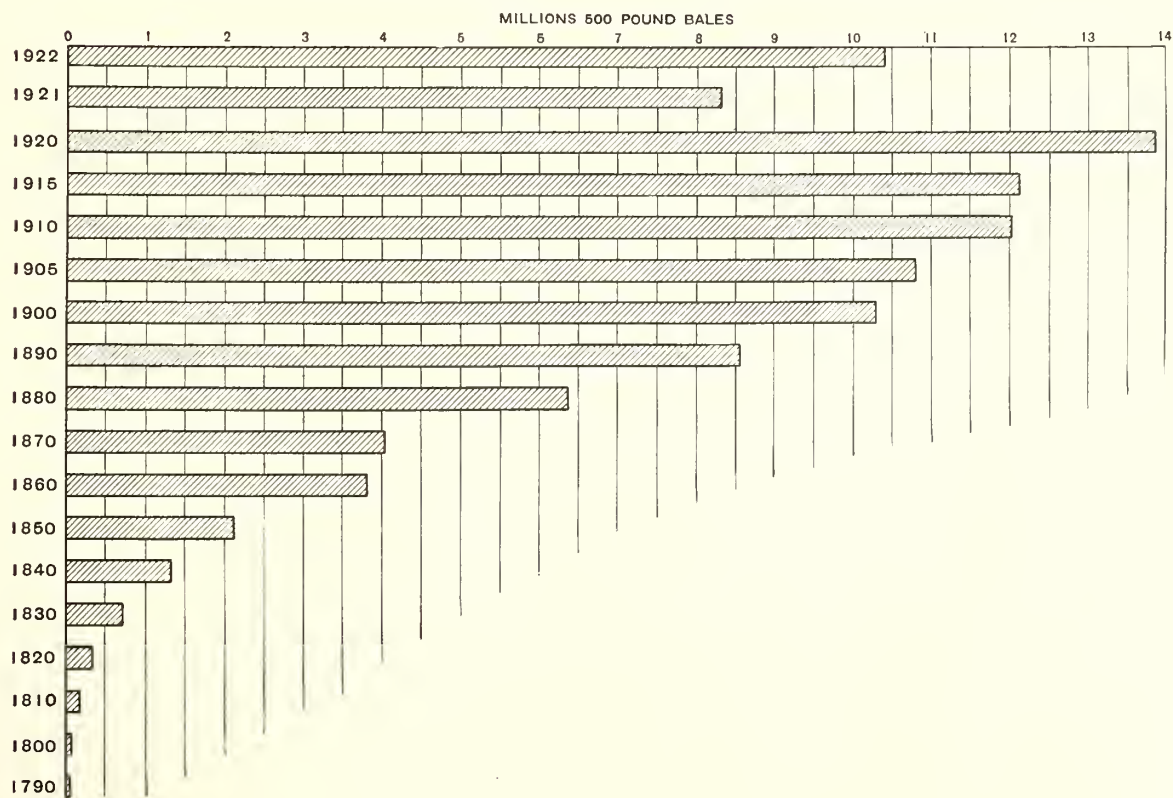
1. PROPORTION OF WORLD'S MILL SUPPLY OF COTTON CONTRIBUTED BY EACH COUNTRY: 1922.



2. PROPORTION OF TOTAL CONSUMPTION OF COTTON, BY COUNTRIES, YEAR ENDING JULY 31, 1923.



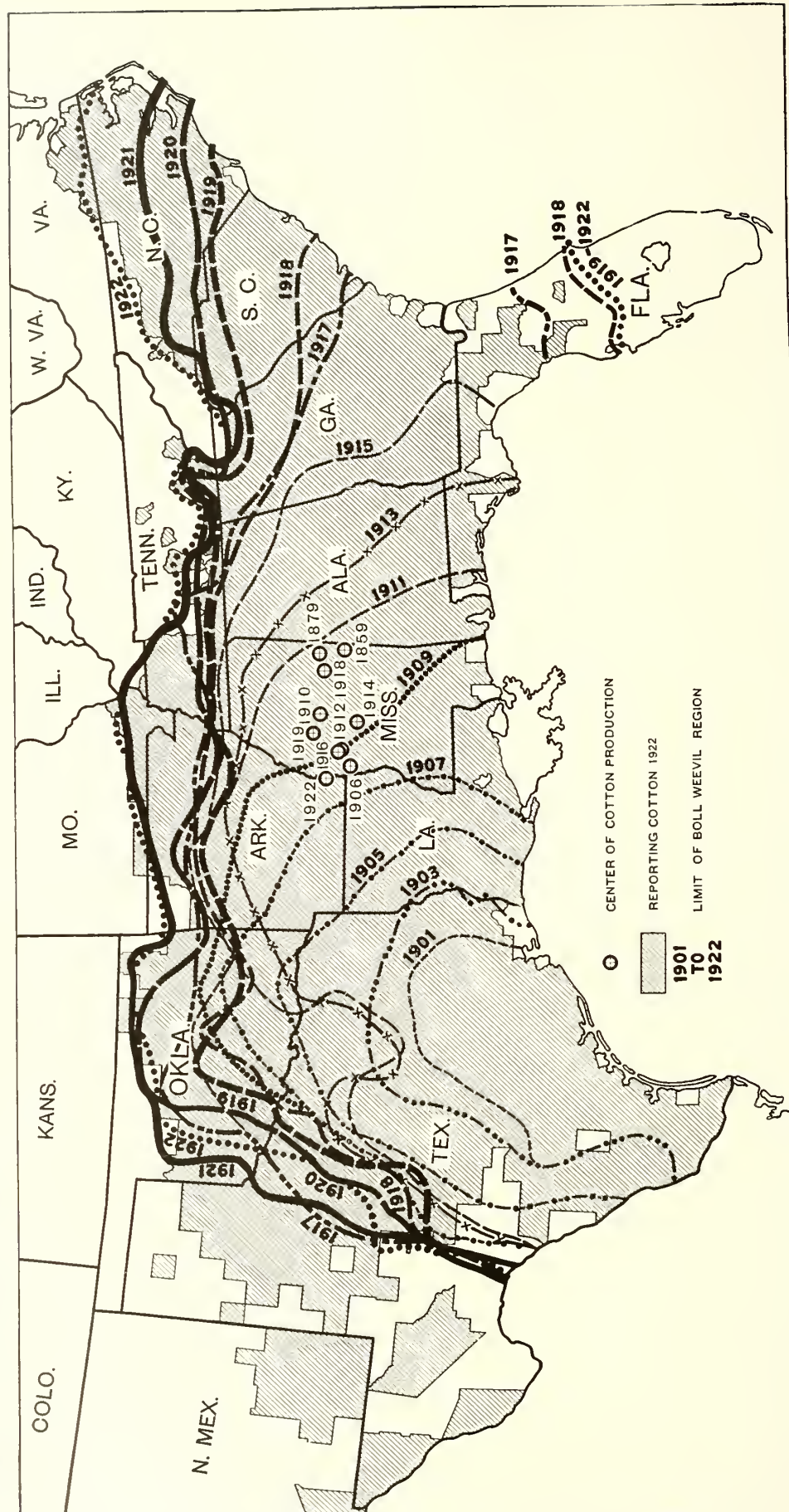
3. COTTON PRODUCTION IN SPECIFIED YEARS: 1790-1922.





# COTTON-PRODUCING AREA OF THE UNITED STATES IN 1922, AND CENTER OF PRODUCTION: 1859, 1879, 1906, 1910, 1912, 1914, 1916, 1918, 1919, AND 1922.

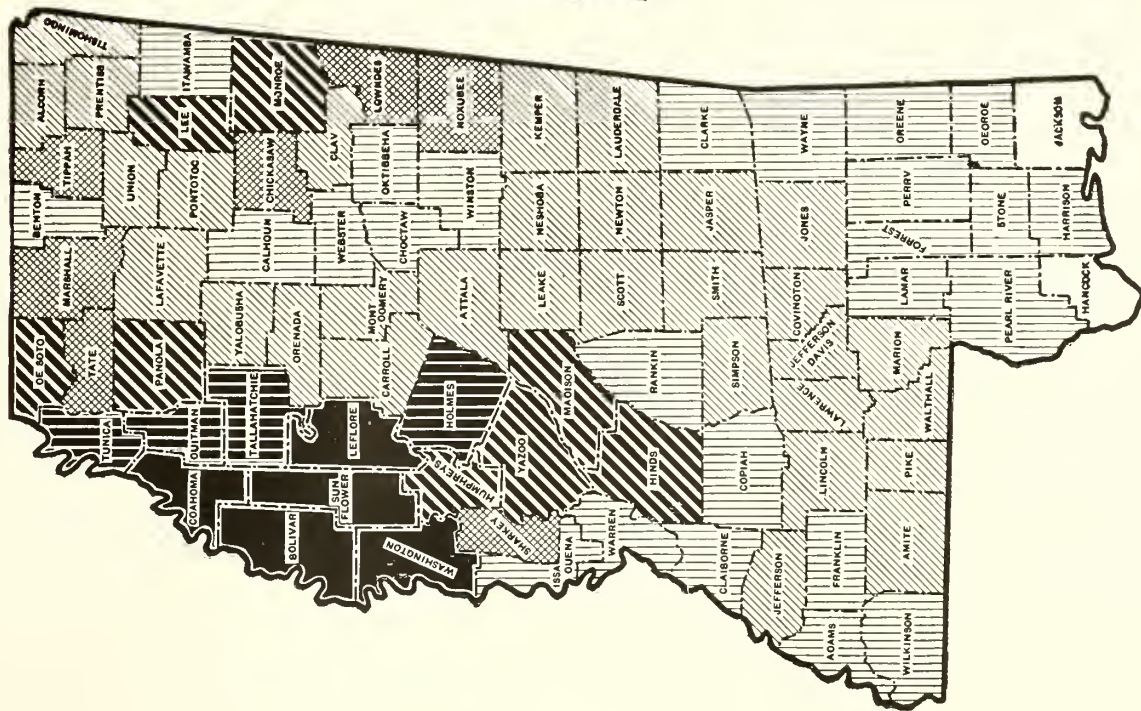
The center of production in 1859 was approximately 13 miles southeast of Macon, in Noxubee County, Miss.; in 1879 it was 11 miles south of Columbus, in Lowndes County; in 1906 it was 5 miles northeast of Mayersville, in Issaquena County; in 1910 it was 3 miles southwest of Vaiden, in Carroll County; in 1912 it was 2 miles north of Midnight, in Sharkey County; in 1914 it was 1 mile northwest of Sharpsburg, in Madison County; in 1916 it was 16 miles southeast of Arcola, in Washington County; in 1918 it was 6 miles southeast of Sturgis, in Oktibbeha County; in 1919 it was 5.6 miles northeast of Greenwood, in Leflore County, Miss.; and in 1922 it was 5 miles east by north of Lake Village, in Chicot County, Ark.



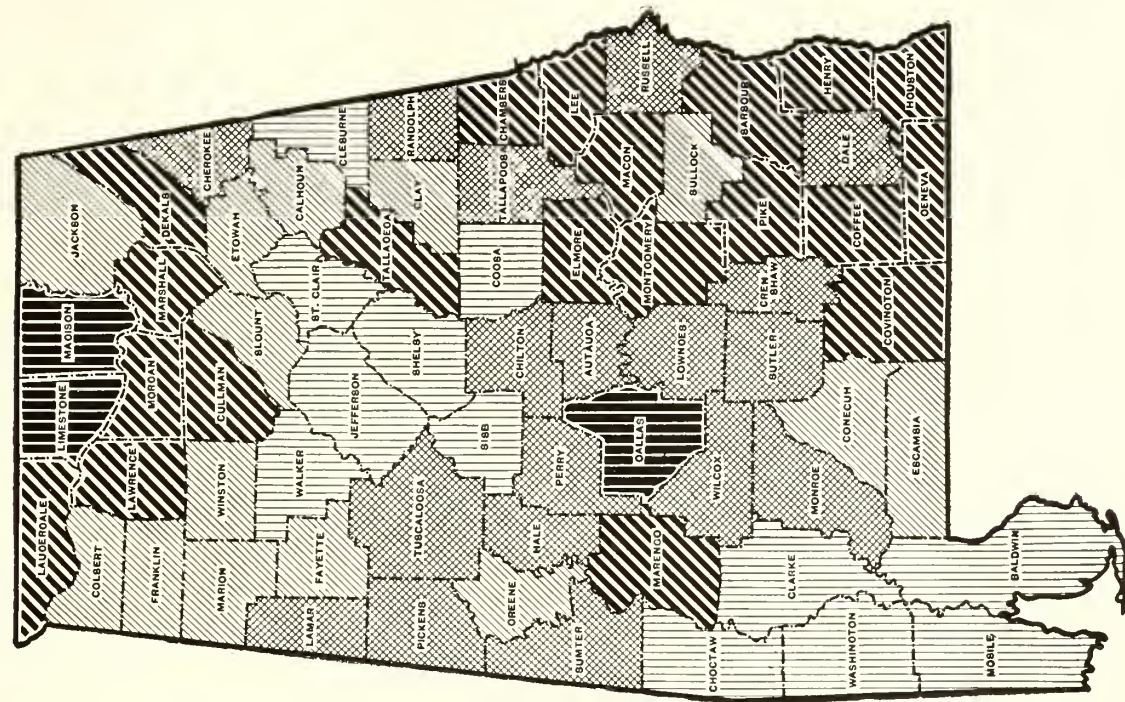


COTTON GINNED, BY COUNTIES: 1922.

MISSISSIPPI.



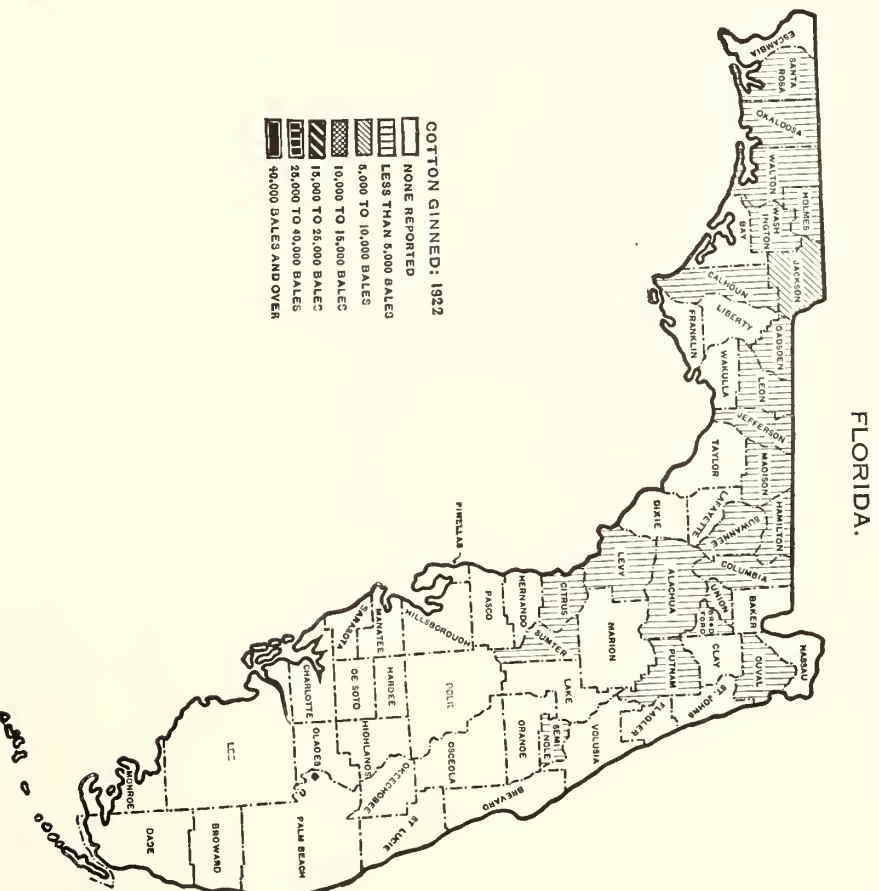
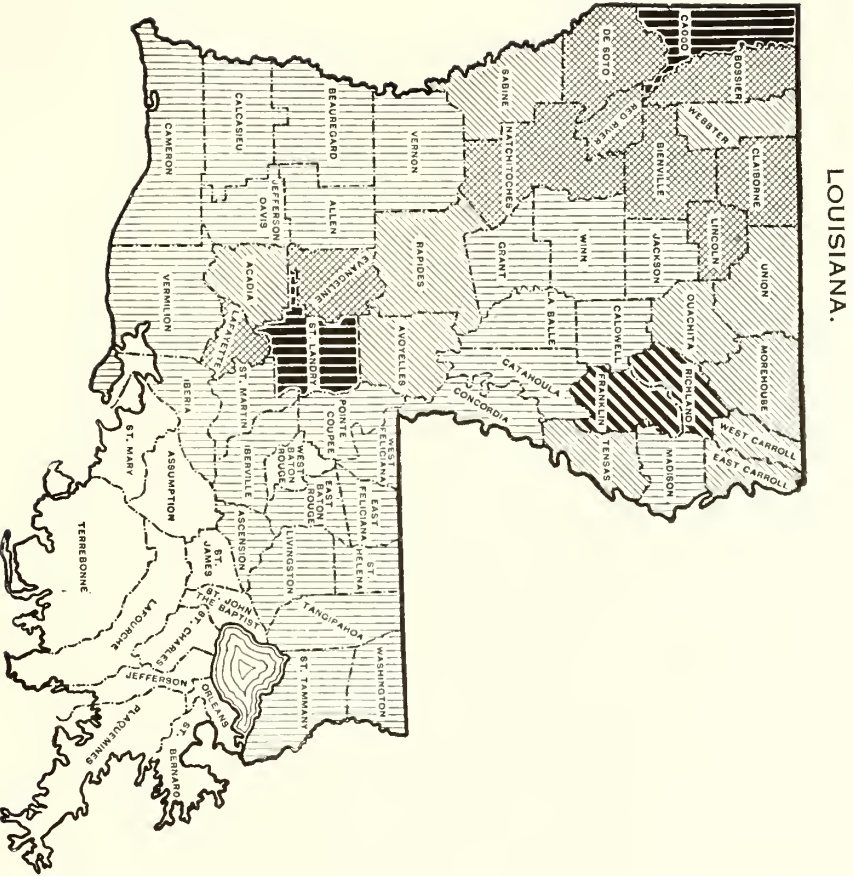
ALABAMA.







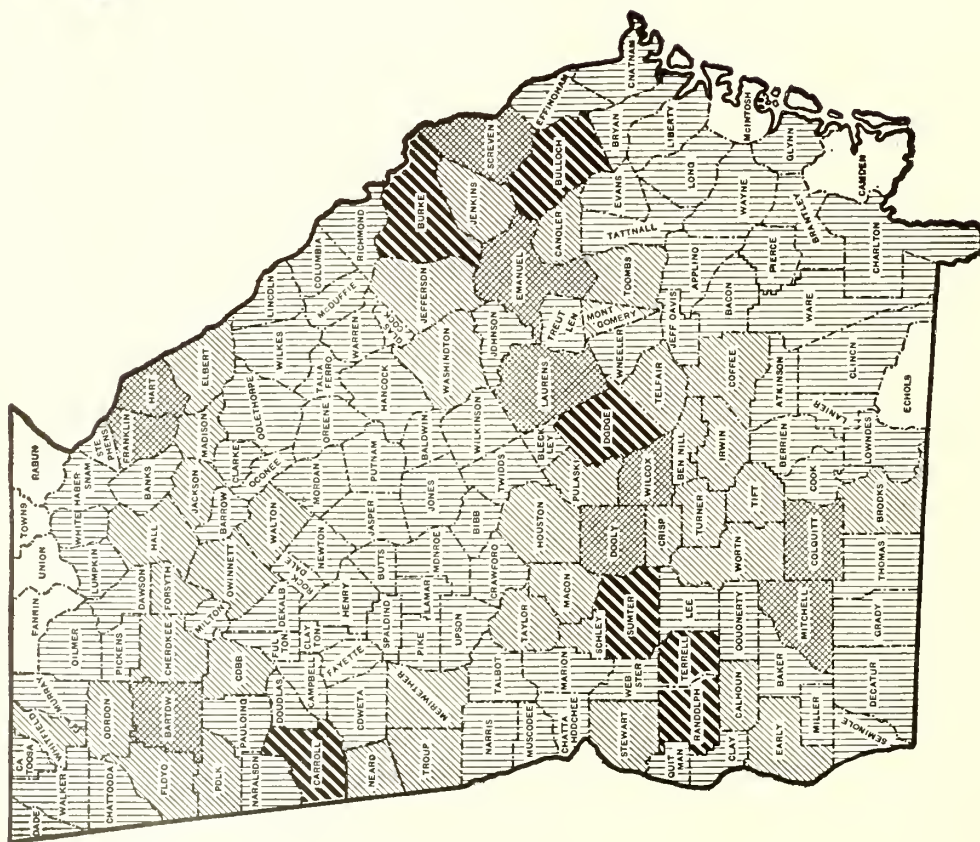
COTTON GINNED, BY COUNTIES: 1922.





COTTON GINNED, BY COUNTIES: 1922.

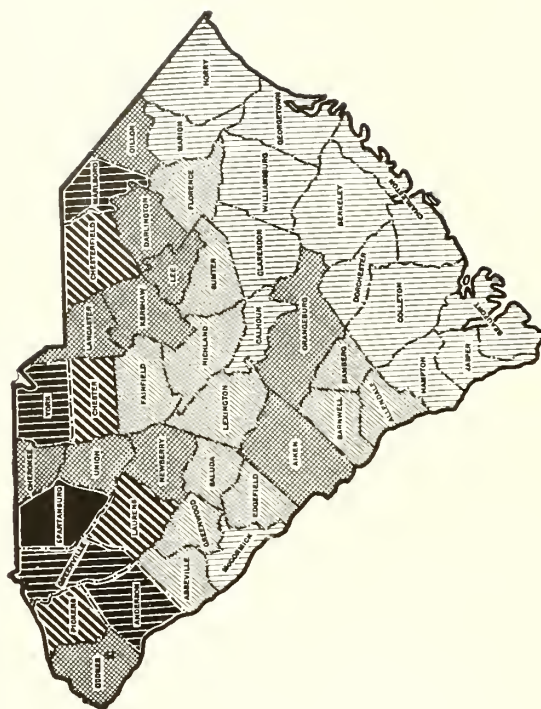
GEORGIA.



COTTON GINNED: 1922.

(White)	NONE REPORTED
(Diagonal lines \)	LESS THAN 6,000 BALES
(Diagonal lines /)	6,000 TO 10,000 BALES
(Cross-hatch)	10,000 TO 15,000 BALES
(Dense cross-hatch)	15,000 TO 25,000 BALES
(Solid black)	25,000 TO 40,000 BALES
(Solid black)	40,000 BALES AND OVER

SOUTH CAROLINA.

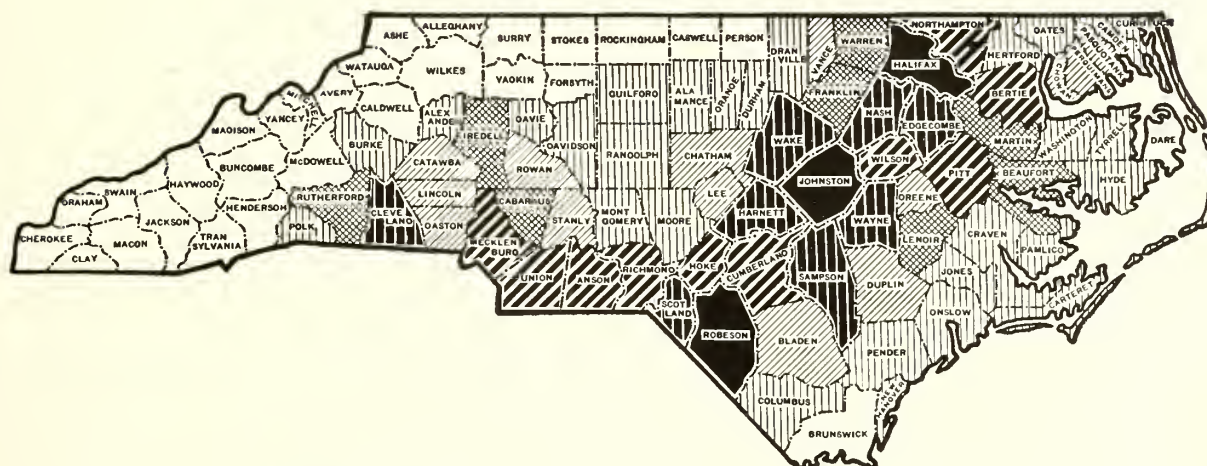


COTTON GINNED: 1922.

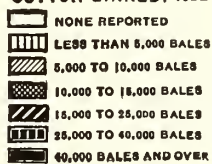
(White)	NONE REPORTED
(Diagonal lines \)	LESS THAN 6,000 BALES
(Diagonal lines /)	6,000 TO 10,000 BALES
(Cross-hatch)	10,000 TO 15,000 BALES
(Dense cross-hatch)	15,000 TO 25,000 BALES
(Solid black)	25,000 TO 40,000 BALES
(Solid black)	40,000 BALES AND OVER

## COTTON GINNED, BY COUNTIES: 1922.

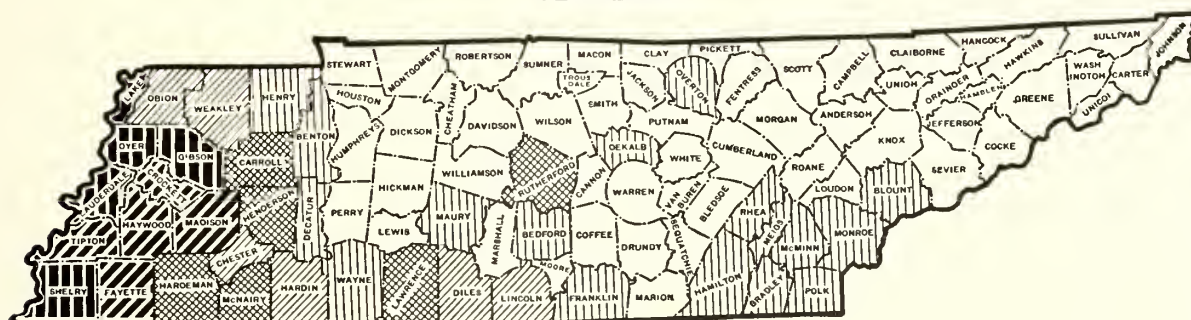
## NORTH CAROLINA.



## COTTON GINNED: 1922

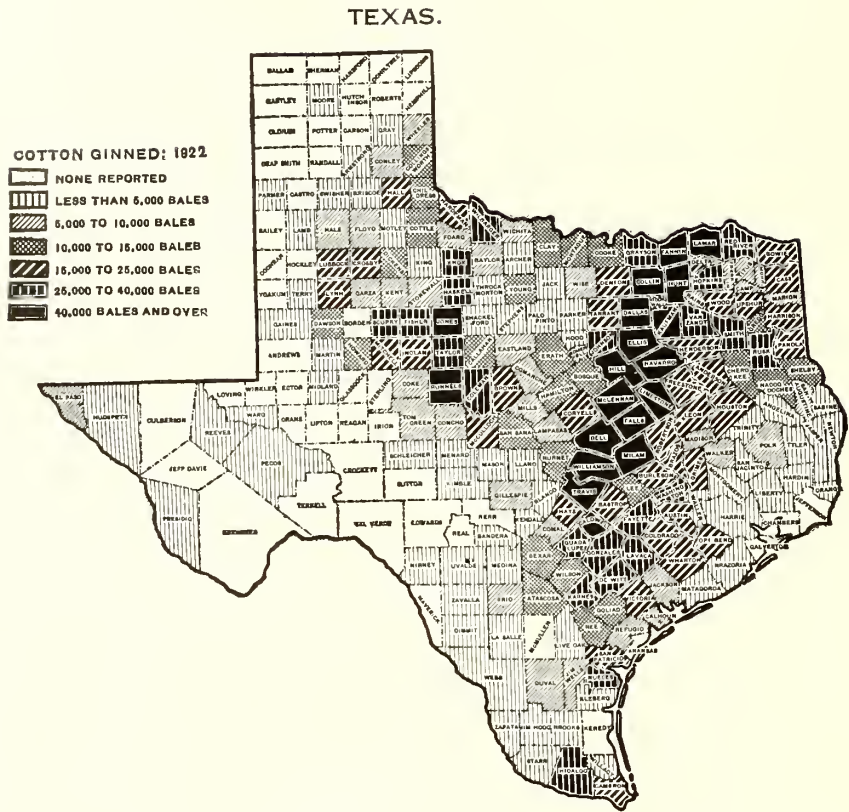


## TENNESSEE.

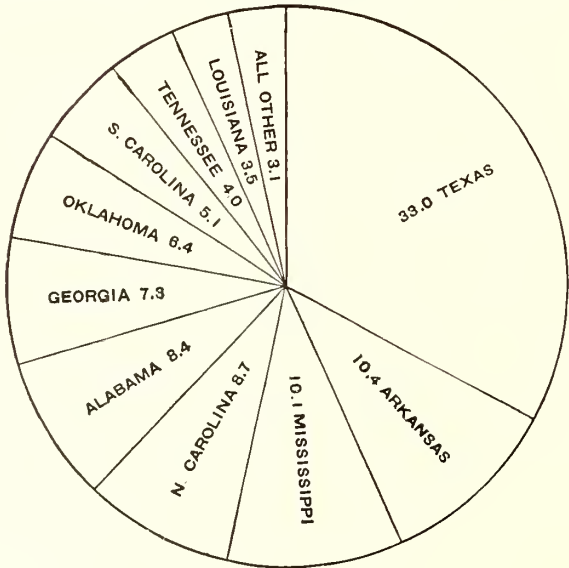




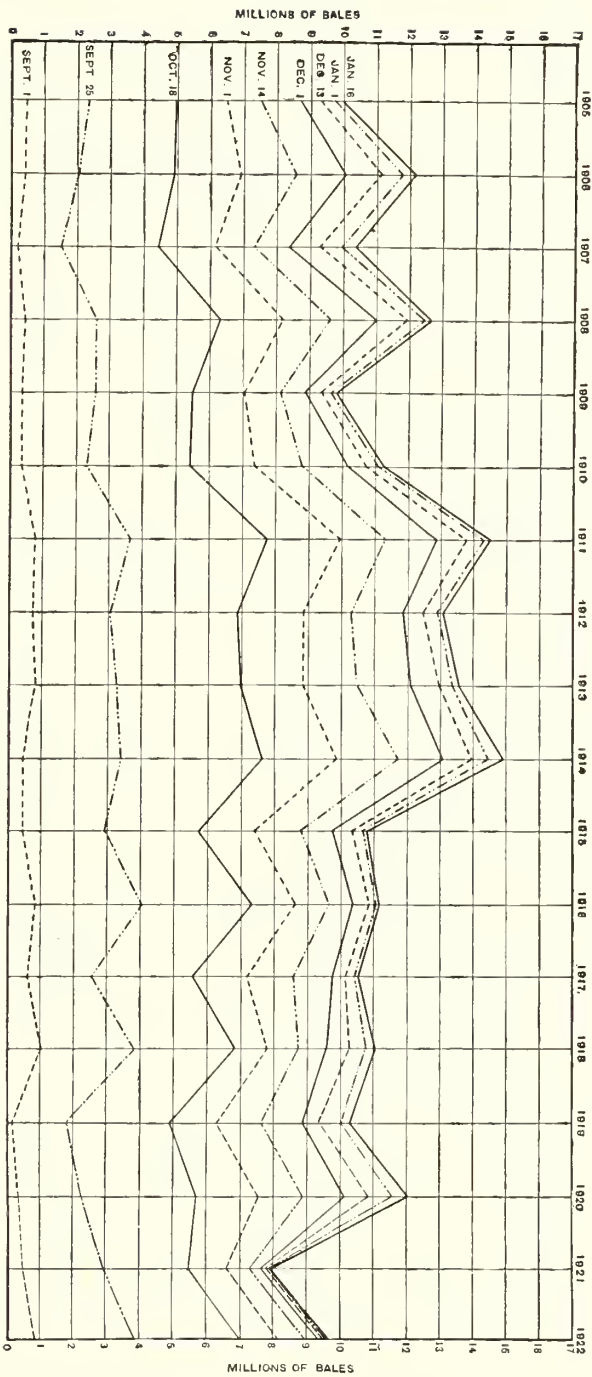
COTTON GINNED, BY COUNTIES: 1922.



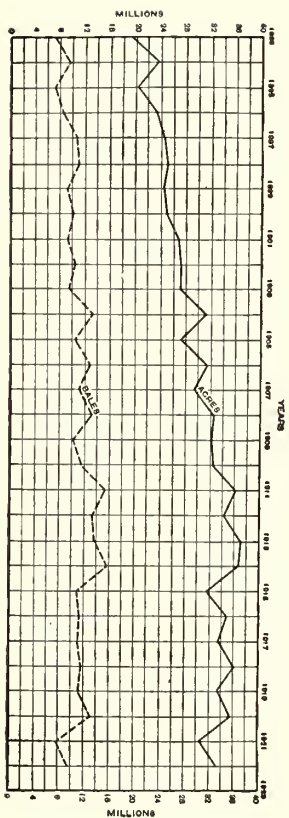
PER CENT OF COTTON GROWN IN EACH STATE, CROP OF 1922.



1. COTTON GINNINGS TO SPECIFIED DATES: 1905-1922.

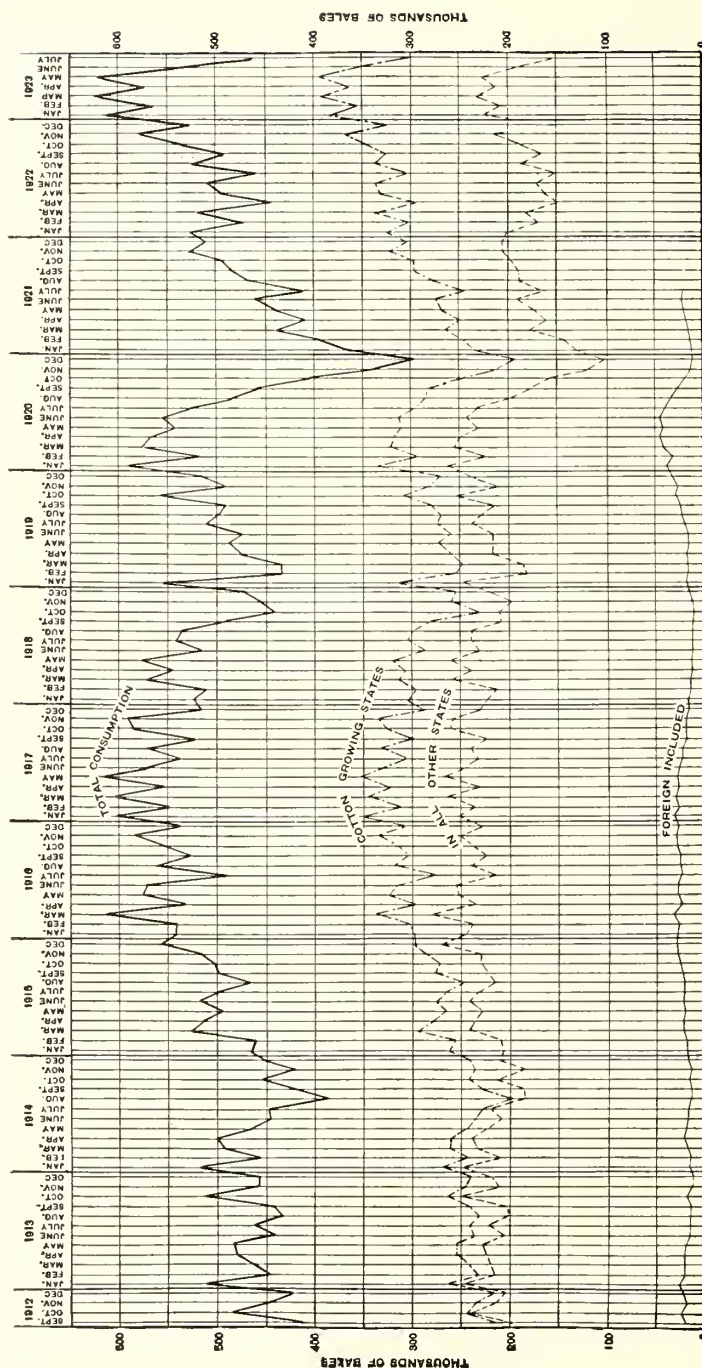


2. AREA AND YIELD OF COTTON: 1893-1922.

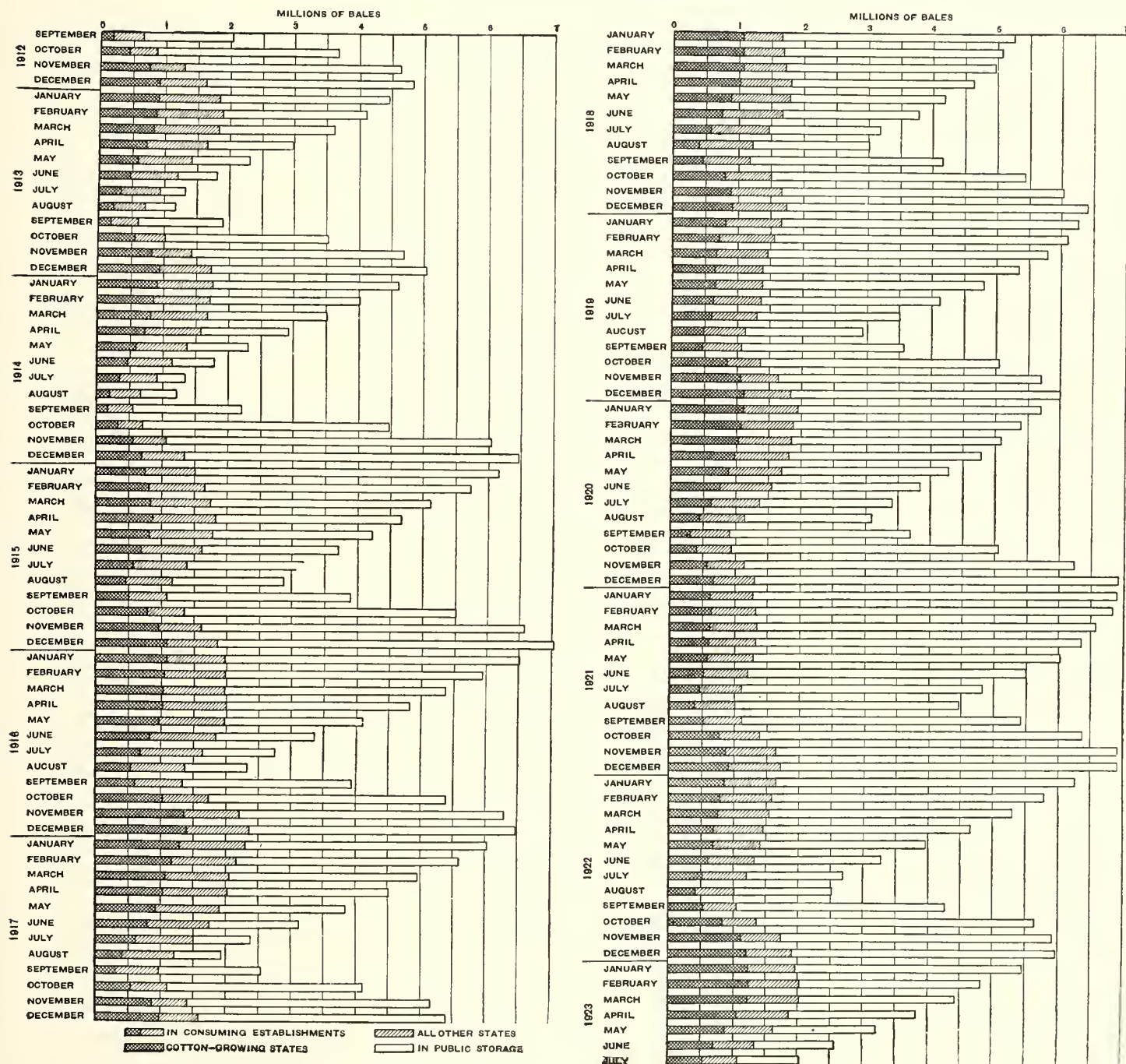




COTTON CONSUMED, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1923.

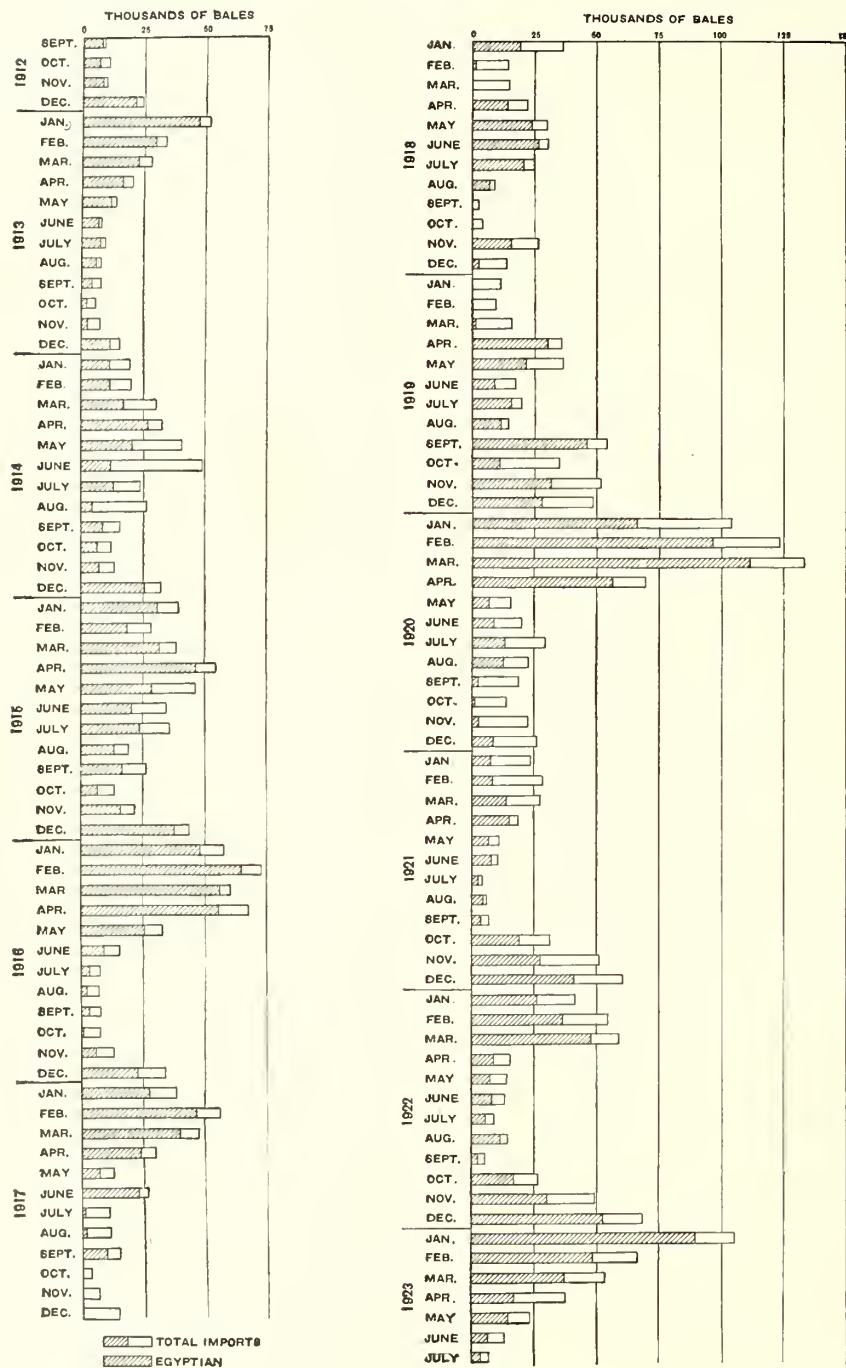


## COTTON STOCKS, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1923.

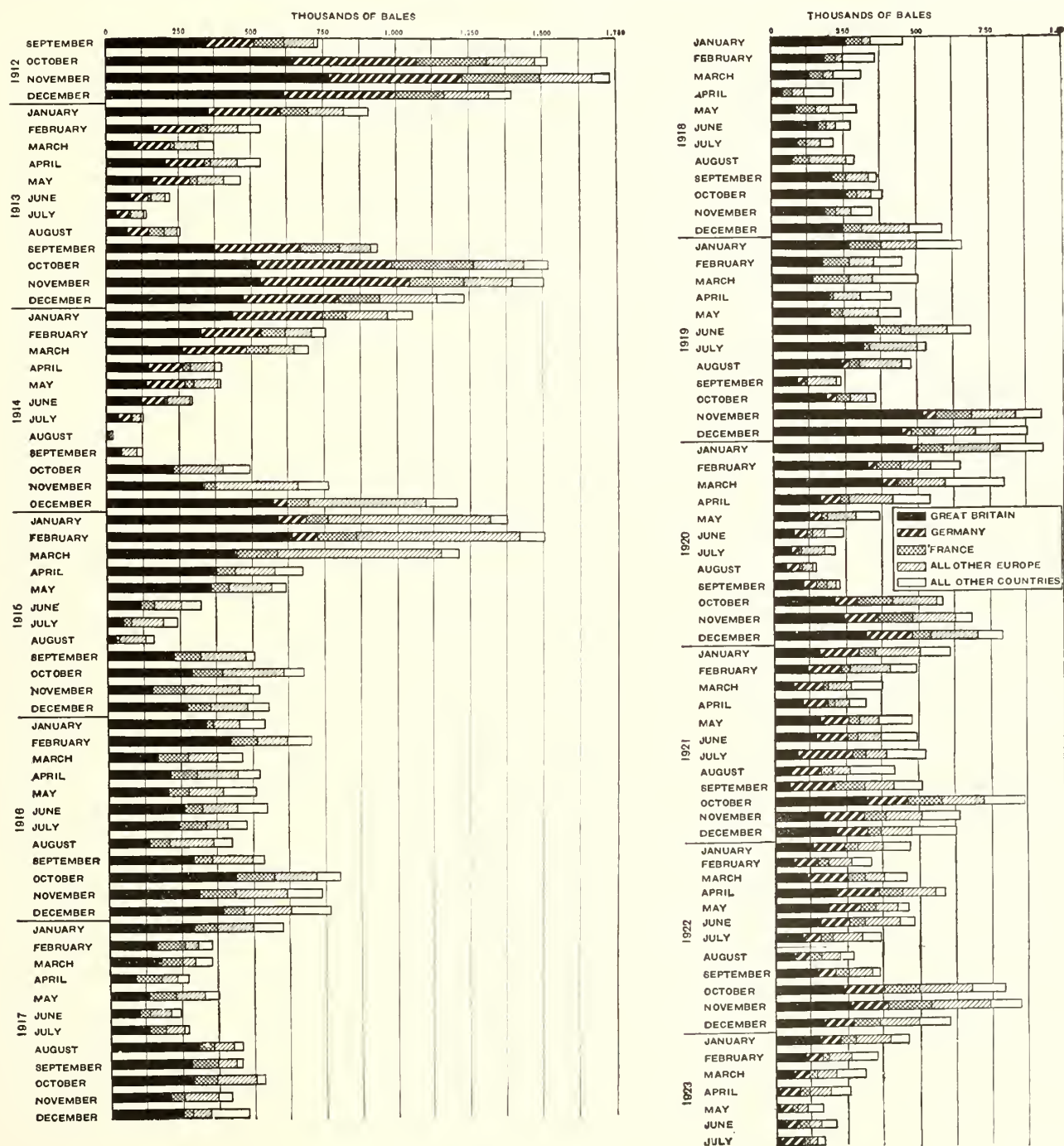




COTTON IMPORTS, BY MONTHS: SEPTEMBER, 1912, TO JULY, 1923.



EXPORTS OF DOMESTIC COTTON, BY SPECIFIED COUNTRIES AND BY MONTHS: SEPTEMBER, 1912, TO JULY, 1923.







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# ENCUMBERED HOMES

PLATES 375-389

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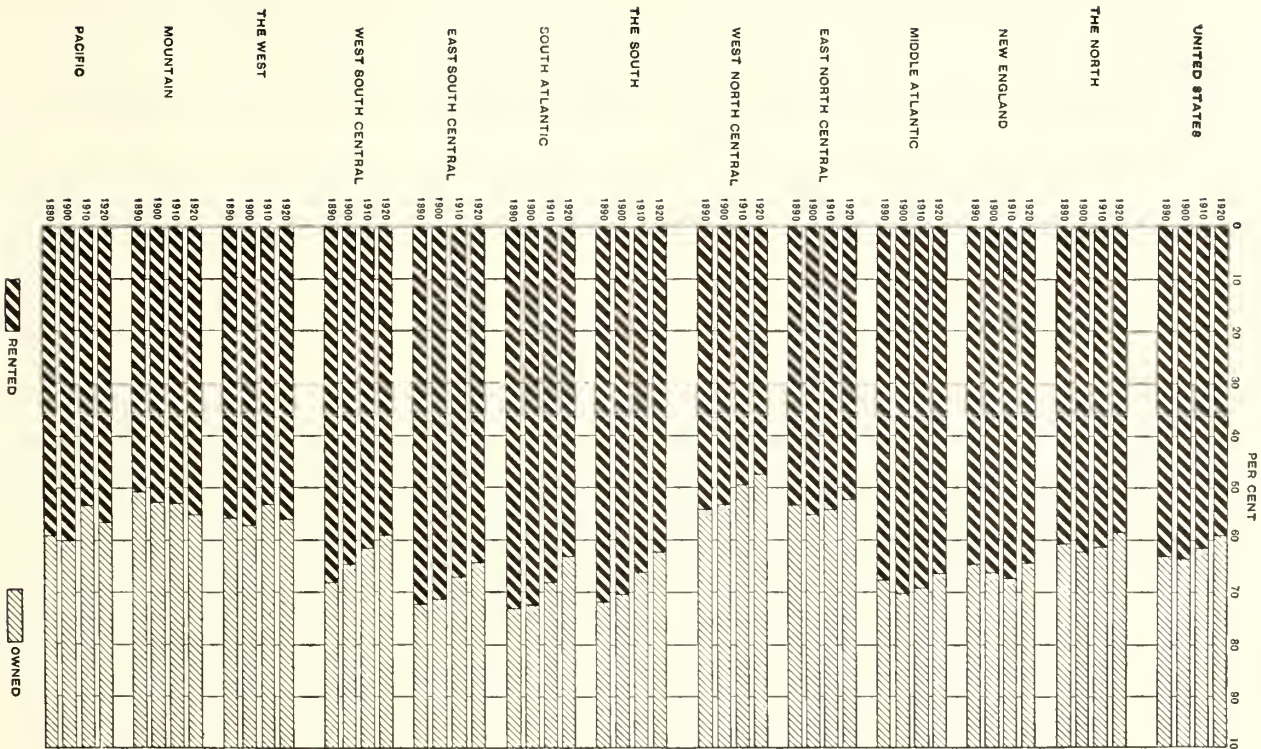
(417)



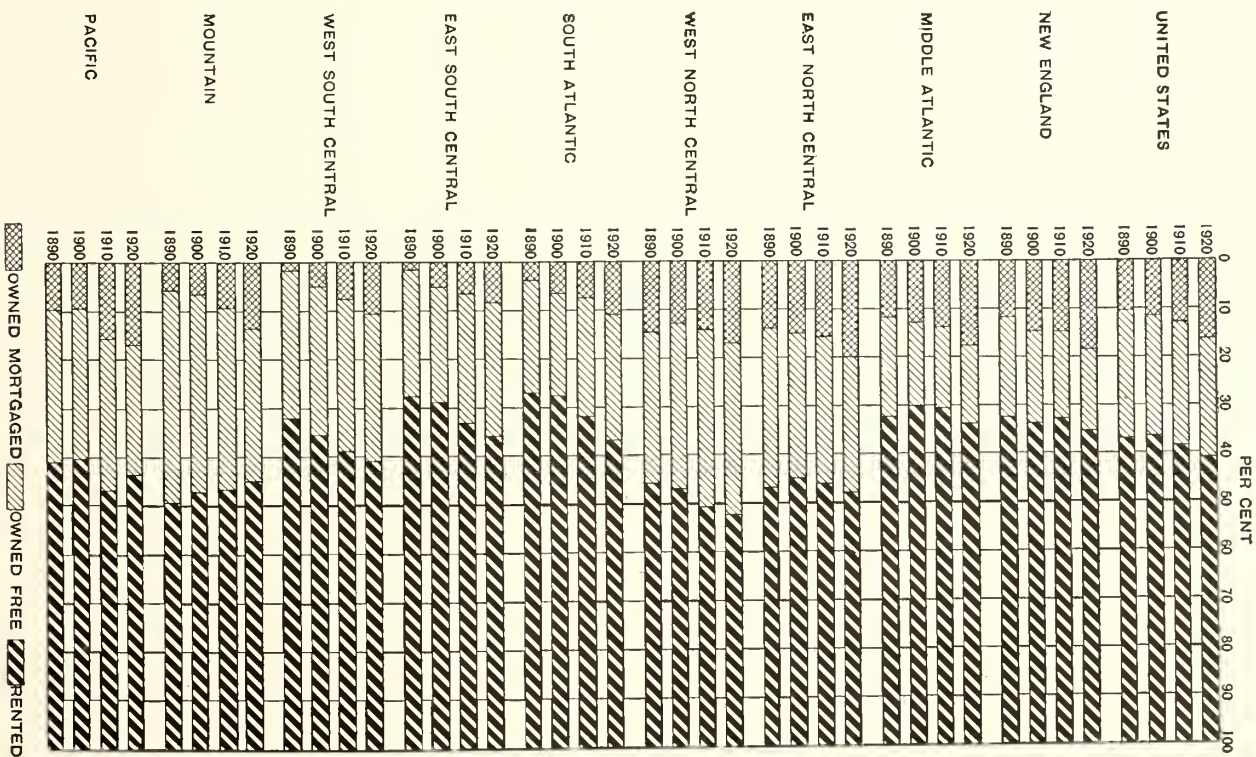
## ENCUMBERED HOMES.

PLATE No.	TITLE.	PLATE No.	TITLE.
375	1. Homes not on farms—per cent rented and owned, by sections and geographic divisions: 1890–1920. 2. Homes not on farms—per cent owned mortgaged, owned free, and rented, by geographic divisions: 1890–1920.	383	Owned mortgaged homes—average value and average mortgage debt per home, for cities having, in 1890, 100,000 inhabitants or more: 1920 and 1890.
376	Homes not on farms—per cent owned mortgaged, owned free, and rented, by states: 1890–1920.	384	1. Owned mortgaged homes not on farms—ratio of debt to value: 1920 (map). 2. Owned mortgaged homes not on farms—ratio of debt to value: 1890 (map).
377	1. Per cent of homes owned mortgaged, owned free, and rented, for cities having 100,000 inhabitants or more: 1920. 2. Owned mortgaged homes not on farms—ratio (per cent) of mortgage debt to value, by states: 1920 and 1890.	385	1. Owned mortgaged homes—ratio (per cent) of mortgage debt to value, for cities having, in 1890, 100,000 inhabitants or more: 1920 and 1890. 2. Owned mortgaged homes not on farms—per cent of total number and total mortgage debt bearing specified rates of interest, for the United States: 1920 and 1890.
378	1. Owned homes not on farms—per cent free, and mortgaged, by sections and geographic divisions: 1890–1920. 2. Owned homes not on farms—per cent mortgaged, by states: 1920 and 1890.	386	1. Owned mortgaged homes not on farms—average annual rate of interest, by geographic divisions: 1920 and 1890. 2. Owned mortgaged homes not on farms—average annual interest charge per home, by geographic divisions: 1920 and 1890.
379	1. Owned homes not on farms—per cent mortgaged: 1920 (map). 2. Owned homes not on farms—per cent mortgaged: 1890 (map).	387	1. Owned mortgaged homes not on farms—average annual rate of interest, by states: 1920 and 1890. 2. Owned mortgaged homes not on farms—average annual interest charge per home, by states: 1920 and 1890.
380	1. Owned homes—per cent mortgaged, for cities having 100,000 inhabitants or more: 1920. 2. Owned mortgaged homes—ratio (per cent) of mortgage debt to value, for cities having 100,000 inhabitants or more: 1920.	388	1. Owned mortgaged homes—average annual rate of interest, for cities having 100,000 inhabitants or more: 1920. 2. Owned mortgaged homes—average annual interest charge per home, for cities having 100,000 inhabitants or more: 1920.
381	1. Owned mortgaged homes not on farms—value and mortgage debt, by geographic divisions: 1920 and 1890. 2. Owned mortgaged homes not on farms—average value and average mortgage debt per home, by sections and geographic divisions: 1920 and 1890.	389	1. Owned mortgaged homes—average annual interest charge per home, for cities having, in 1890, 100,000 inhabitants or more: 1920 and 1890. 2. Owned mortgaged homes not on farms—per cent of total number and total value in each value class, for the United States: 1920 and 1890.
382	1. Owned mortgaged homes not on farms—average value and average mortgage debt per home, by states: 1920 and 1890. 2. Owned mortgaged homes—average value and average mortgage debt per home, for cities having 100,000 inhabitants or more: 1920.		

1. HOMES NOT ON FARMS—PER CENT RENTED AND OWNED, BY SECTIONS AND GEOGRAPHIC DIVISIONS: 1890-1920.

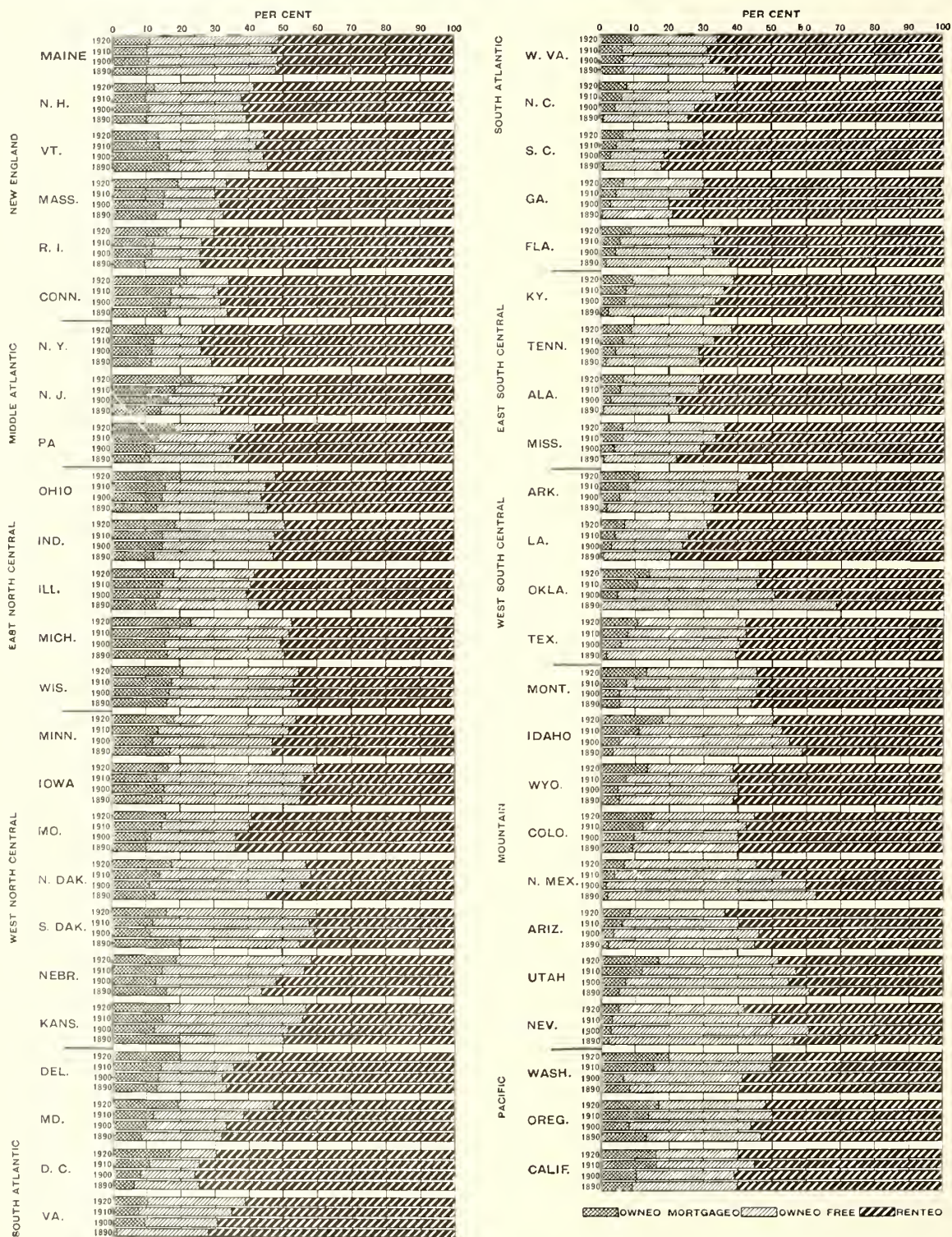


2. HOMES NOT ON FARMS—PER CENT OWNED MORTGAGED, OWNED FREE, AND RENTED, BY GEOGRAPHIC DIVISIONS: 1890-1920.

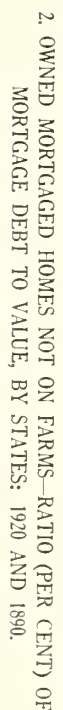




HOMES NOT ON FARMS—PER CENT OWNED MORTGAGED, OWNED FREE, AND RENTED, BY STATES: 1890-1920.

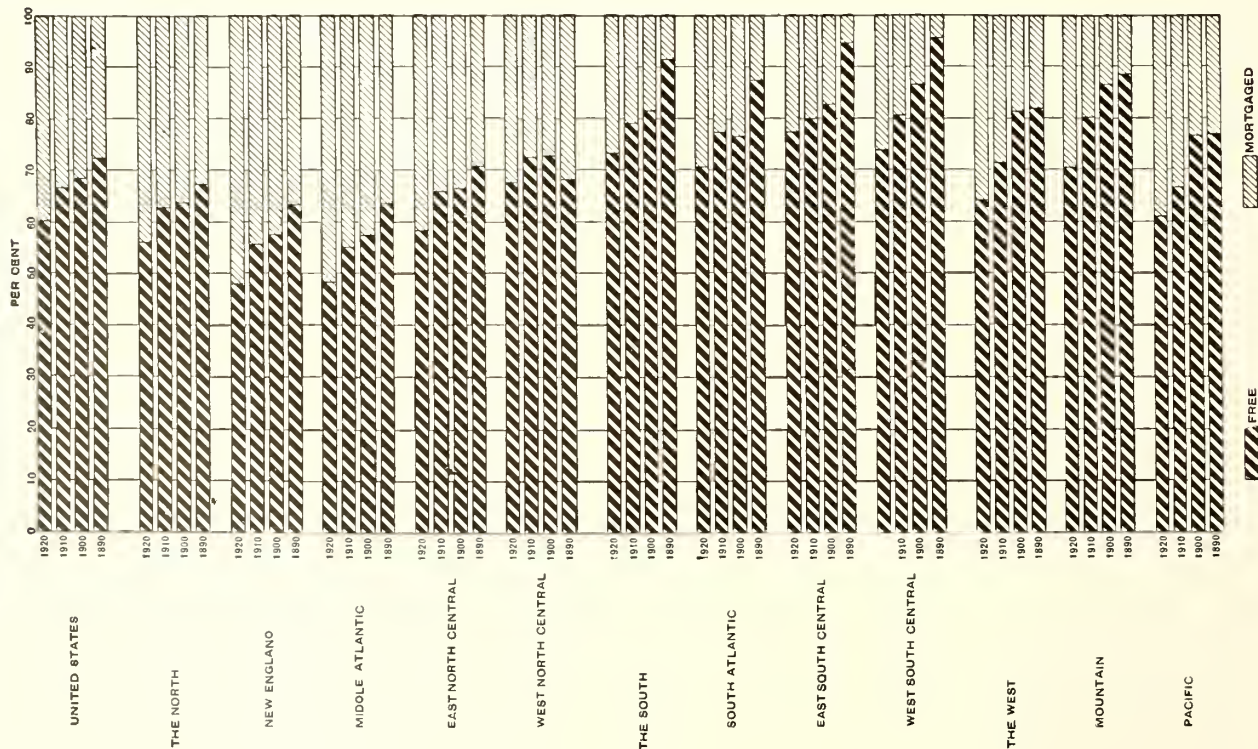




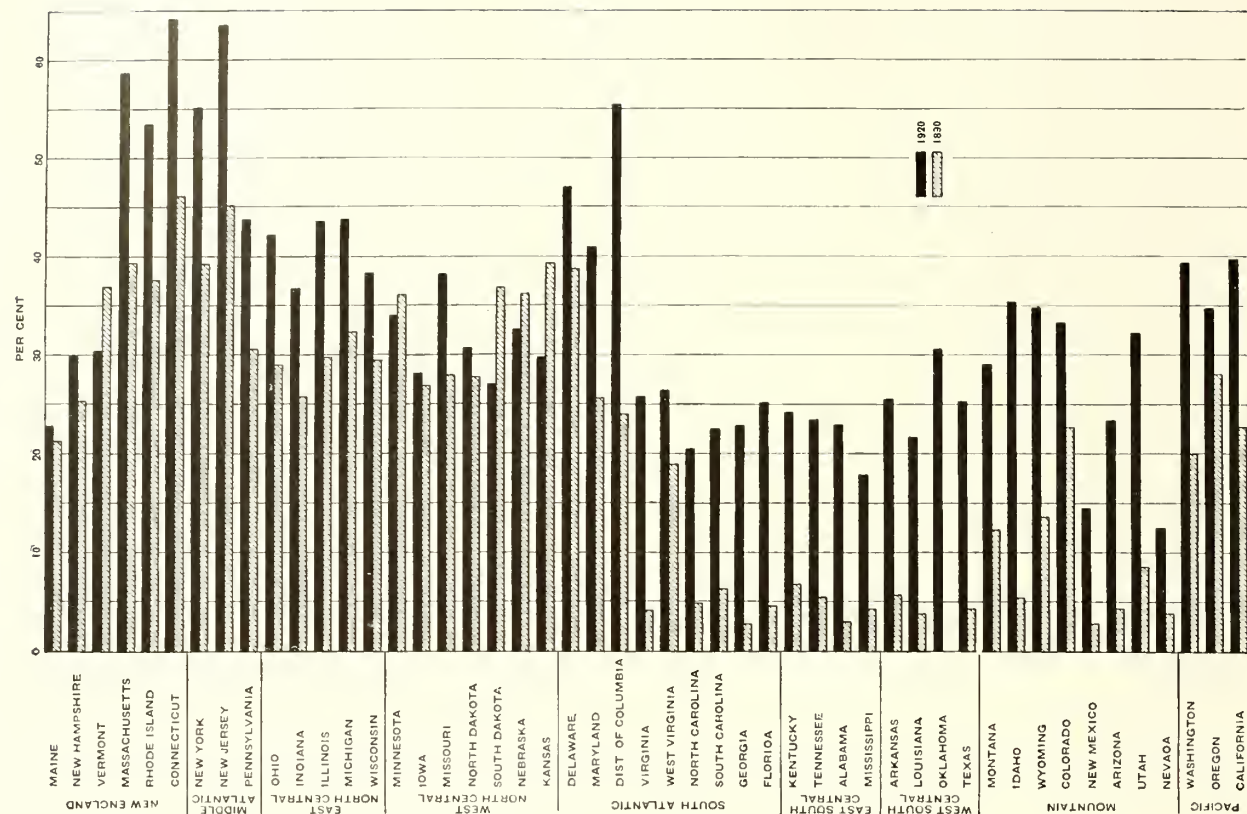




1. OWNED HOMES NOT ON FARMS—PER CENT FREE, AND MORTGAGED, BY SECTIONS AND GEOGRAPHIC DIVISIONS: 1890-1920.

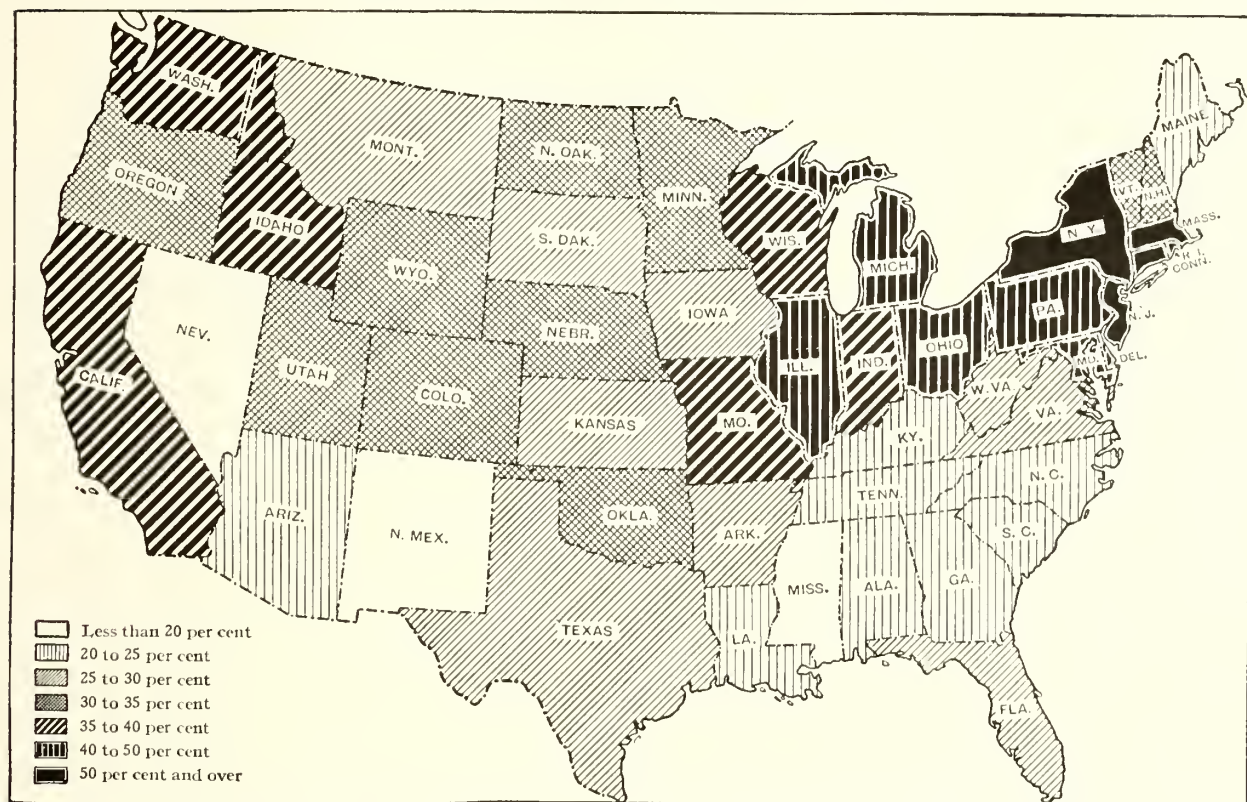


2. OWNED HOMES NOT ON FARMS—PER CENT MORTGAGED, BY STATES: 1920 AND 1890.



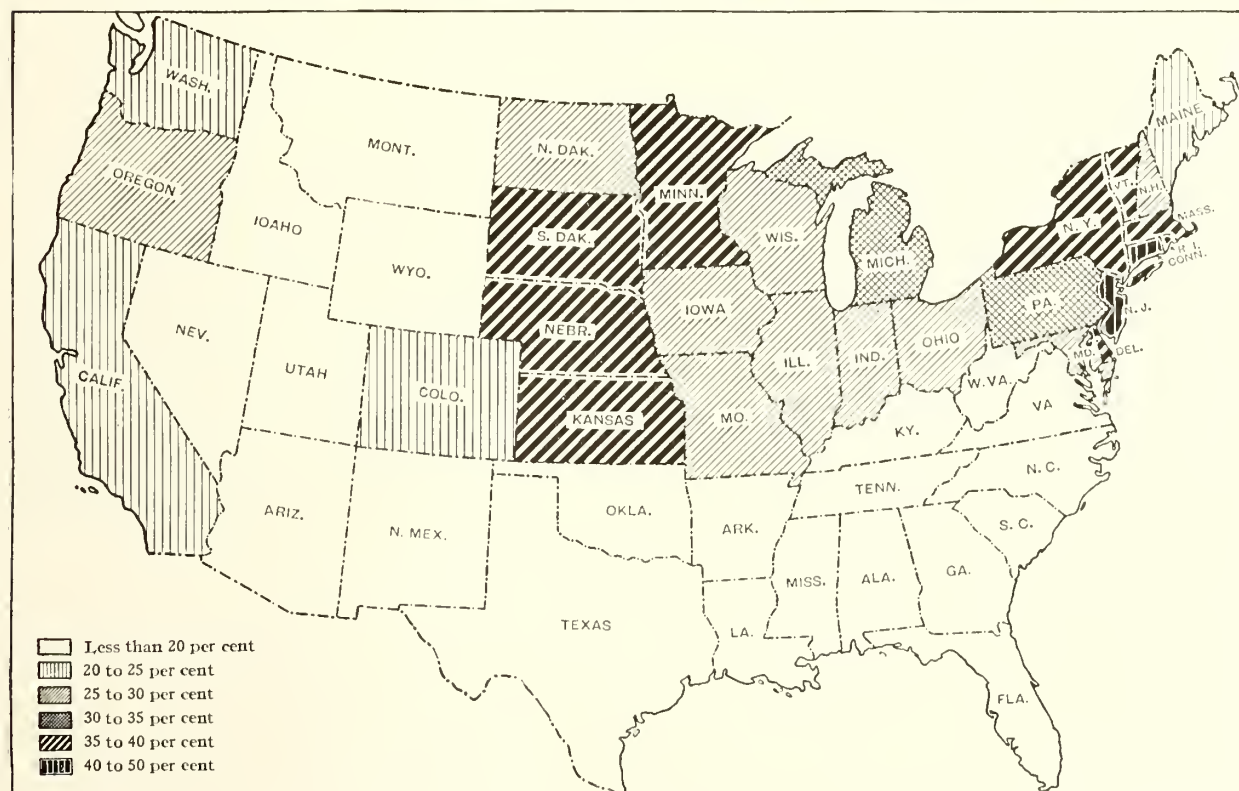
# 1. OWNED HOMES NOT ON FARMS—PER CENT MORTGAGED: 1920.

[District of Columbia, 55.4 per cent, not shown separately on the map.]



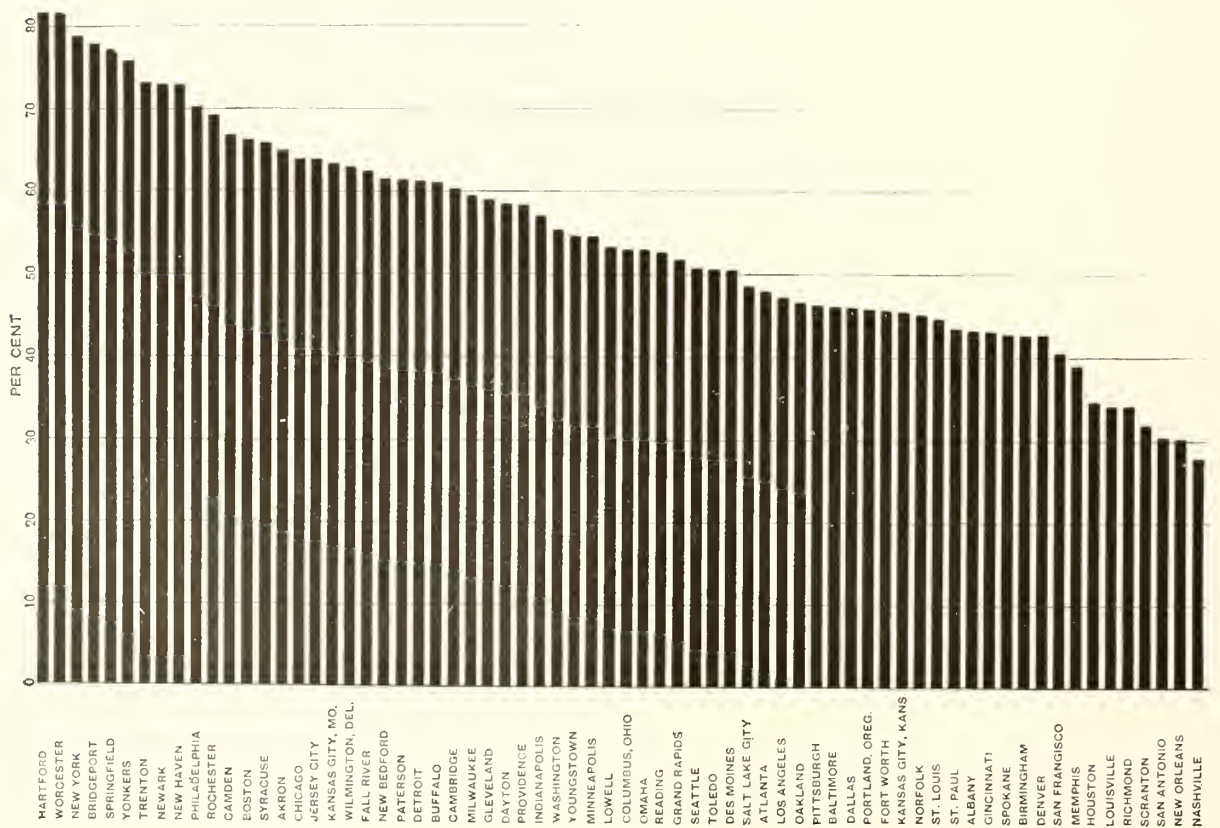
# 2. OWNED HOMES NOT ON FARMS—PER CENT MORTGAGED: 1890.

[District of Columbia, 24 per cent, not shown separately on the map. No mortgaged homes were reported for Oklahoma in 1890.]

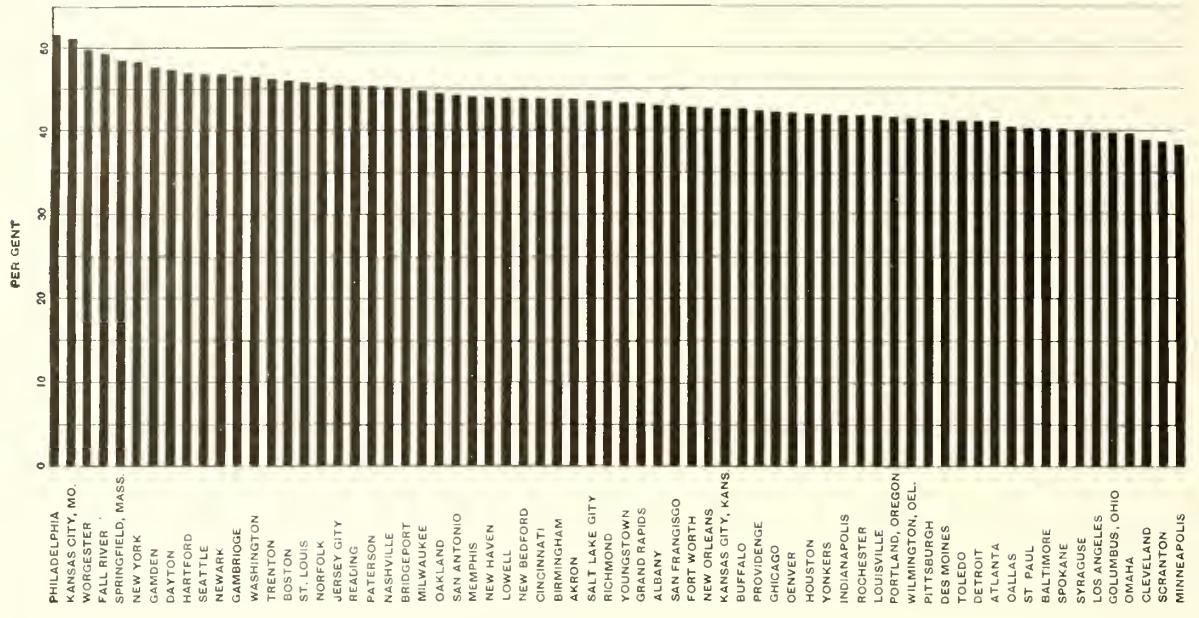




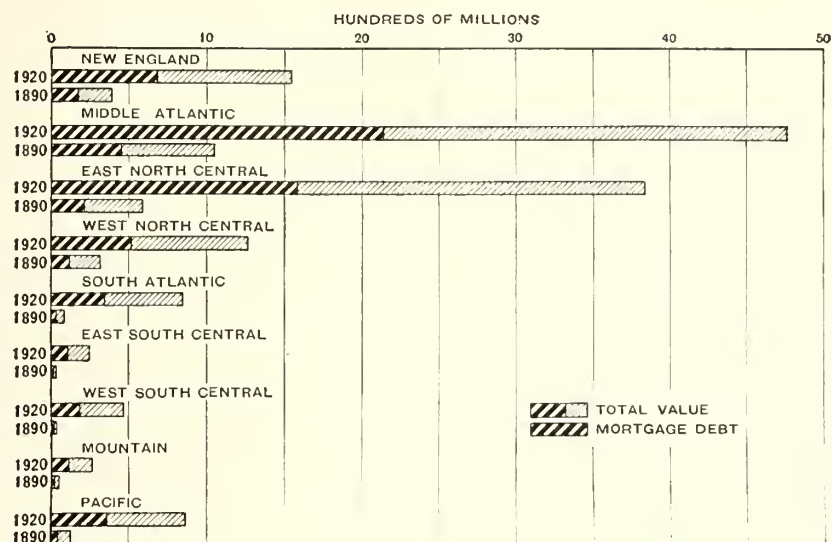
1. OWNED HOMES—PER CENT MORTGAGED, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1920.



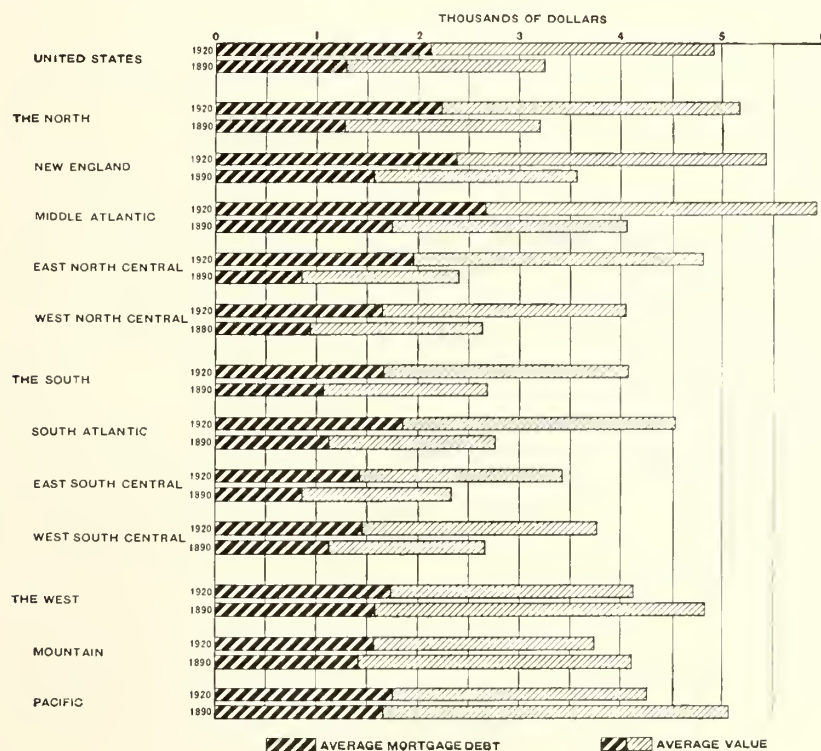
2. OWNED MORTGAGED HOMES—RATIO (PER CENT) OF MORTGAGE DEBT TO VALUE, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1920.



1. OWNED MORTGAGED HOMES NOT ON FARMS—VALUE AND MORTGAGE DEBT,  
BY GEOGRAPHIC DIVISIONS: 1920 AND 1890.

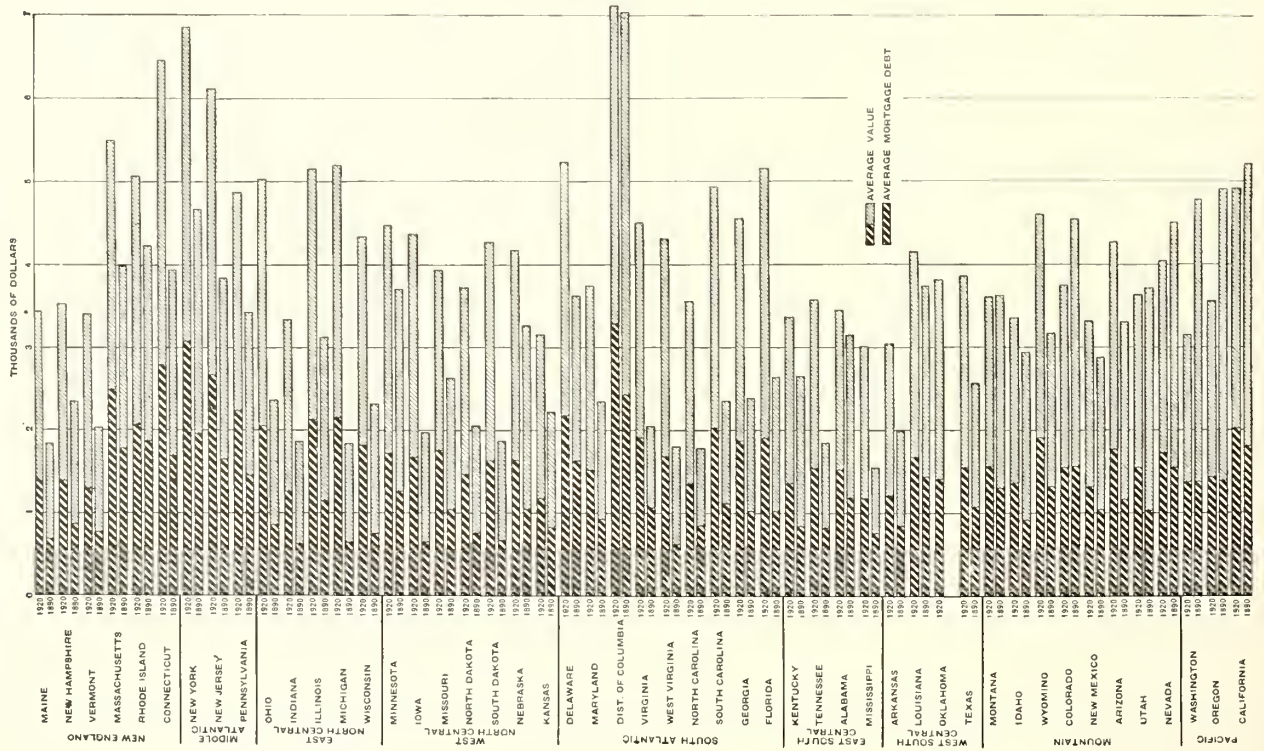


2. OWNED MORTGAGED HOMES NOT ON FARMS—AVERAGE VALUE AND AVERAGE MORTGAGE  
DEBT PER HOME, BY SECTIONS AND GEOGRAPHIC DIVISIONS: 1920 AND 1890.

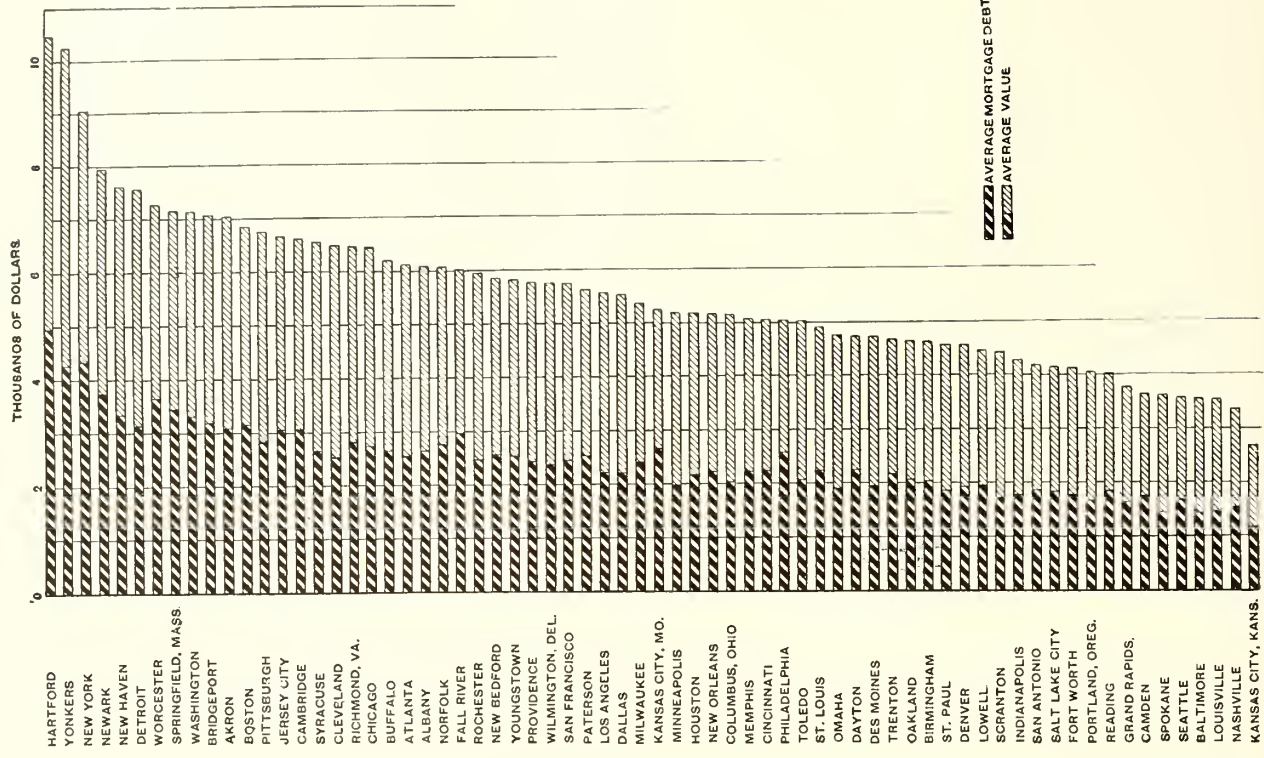




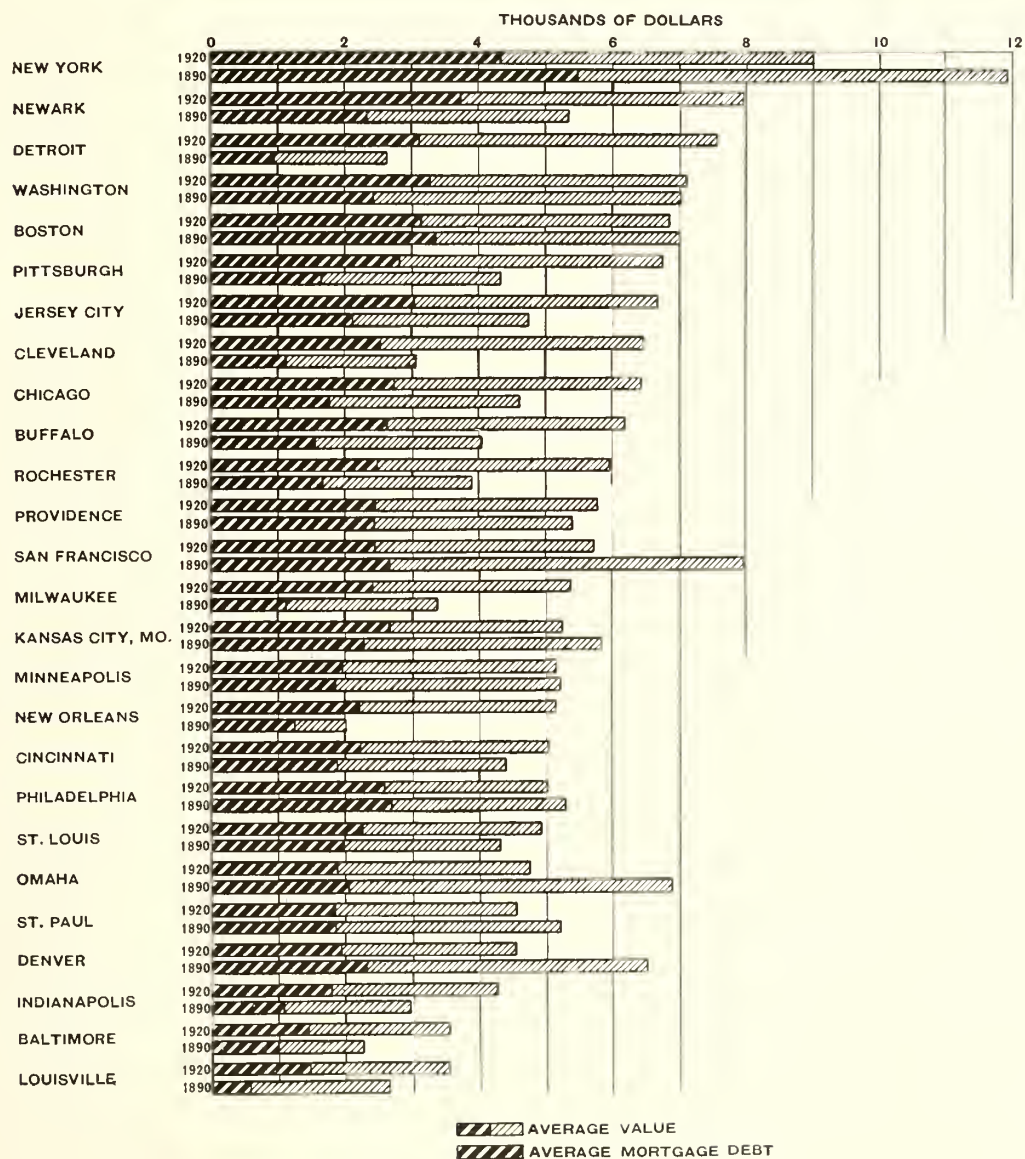
1. OWNED MORTGAGED HOMES NOT ON FARMS—AVERAGE VALUE AND AVERAGE MORTGAGE DEBT PER HOME, BY STATES: 1920 AND 1890.



2. OWNED MORTGAGED HOMES—AVERAGE VALUE AND AVERAGE MORTGAGE DEBT PER HOME, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1920.



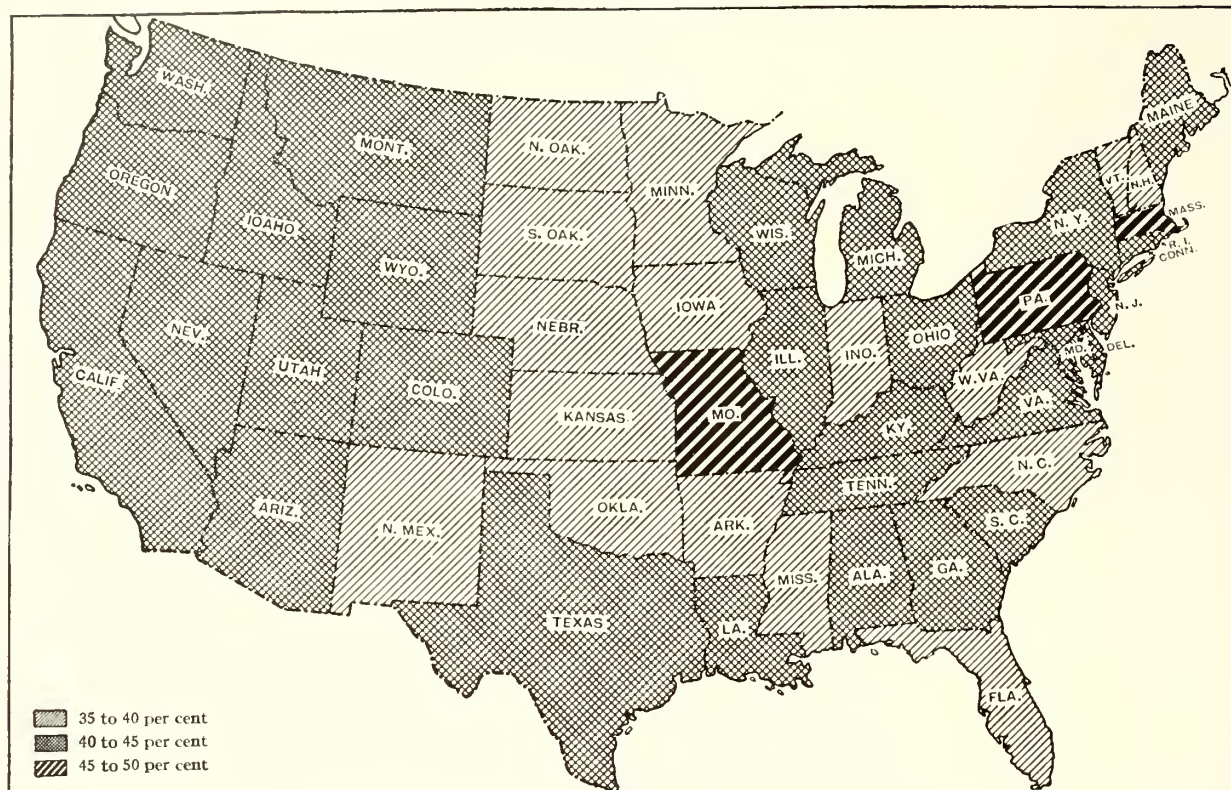
OWNED MORTGAGED HOMES—AVERAGE VALUE AND AVERAGE MORTGAGE DEBT PER HOME,  
FOR CITIES HAVING, IN 1890, 100,000 INHABITANTS OR MORE: 1920 AND 1890.





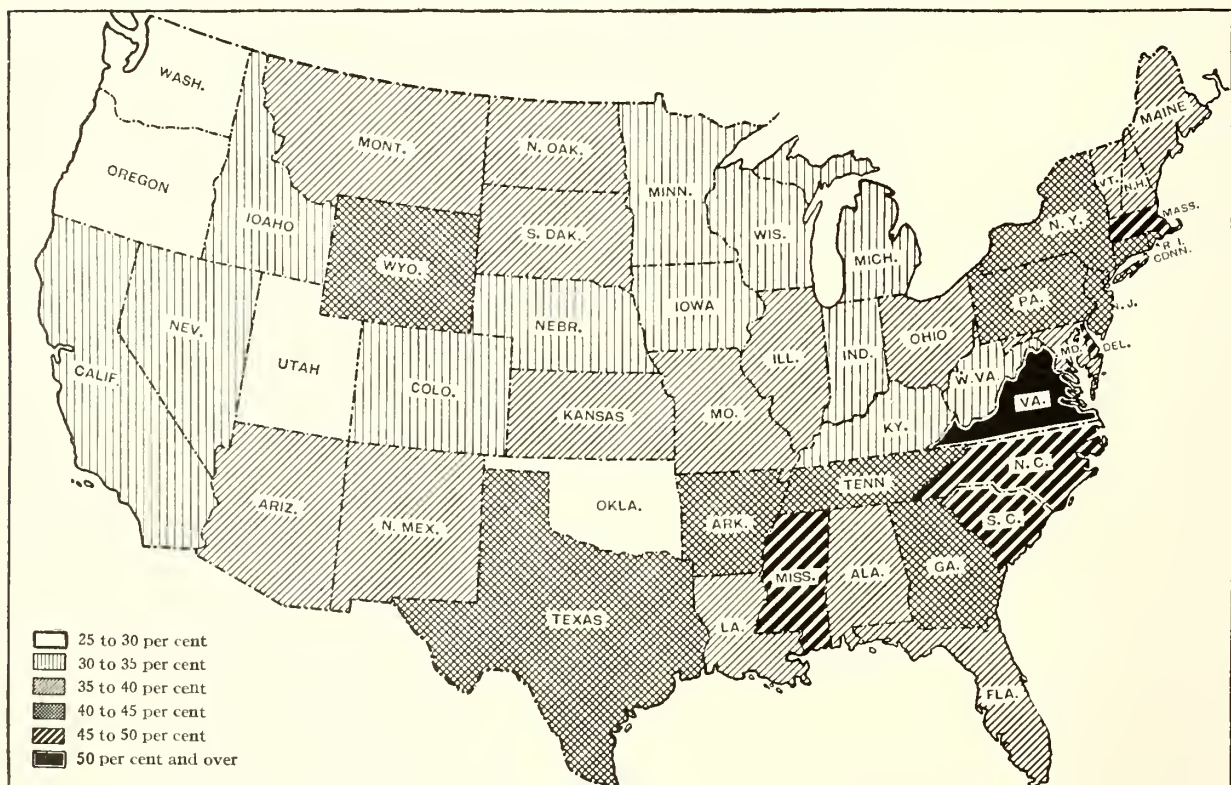
# 1. OWNED MORTGAGED HOMES NOT ON FARMS—RATIO OF DEBT TO VALUE: 1920.

[District of Columbia, 46.4 per cent, not shown separately on the map.]

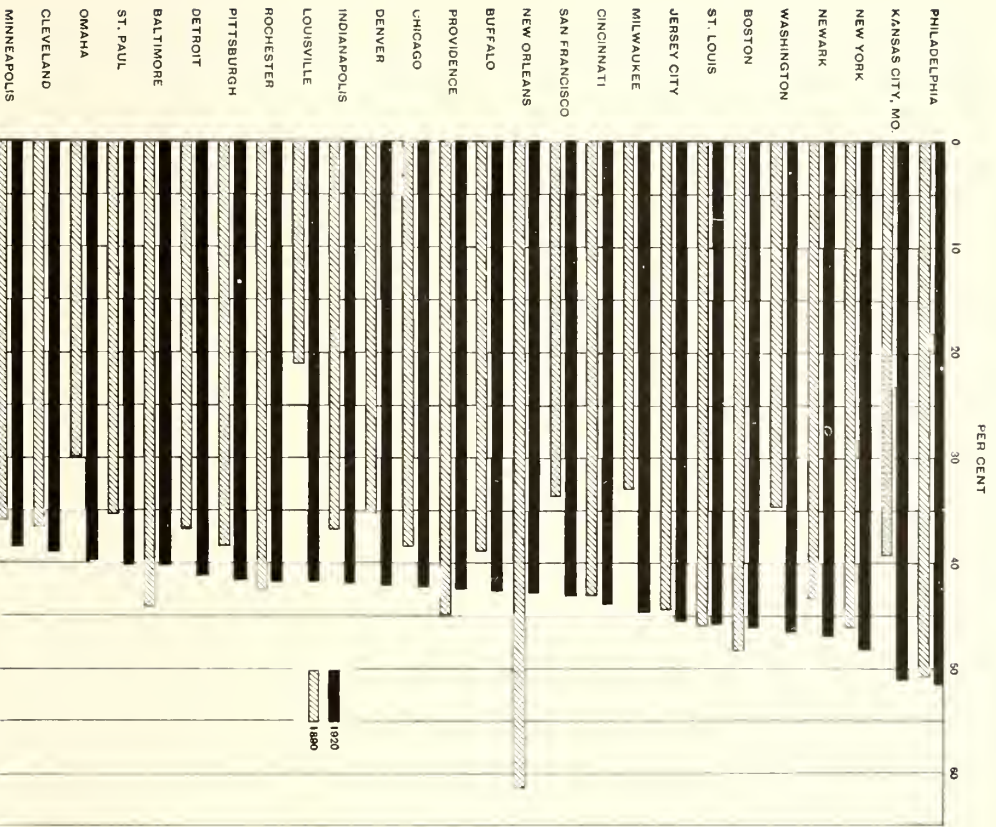


# 2. OWNED MORTGAGED HOMES NOT ON FARMS—RATIO OF DEBT TO VALUE: 1890.

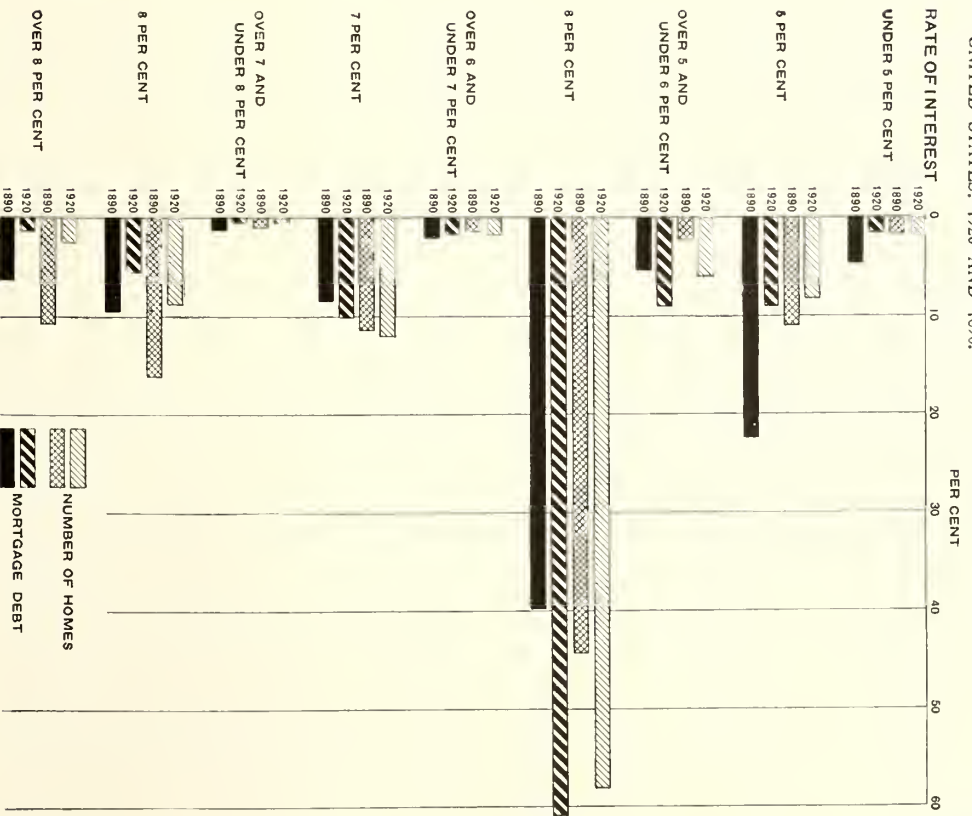
[District of Columbia, 34.6 per cent, not shown separately on the map. No mortgaged homes were reported for Oklahoma in 1890.]



1. OWNED MORTGAGED HOMES—RATIO (PER CENT) OF MORTGAGE DEBT TO VALUE,  
FOR CITIES HAVING, IN 1890, 100,000 INHABITANTS OR MORE: 1920 AND 1890.

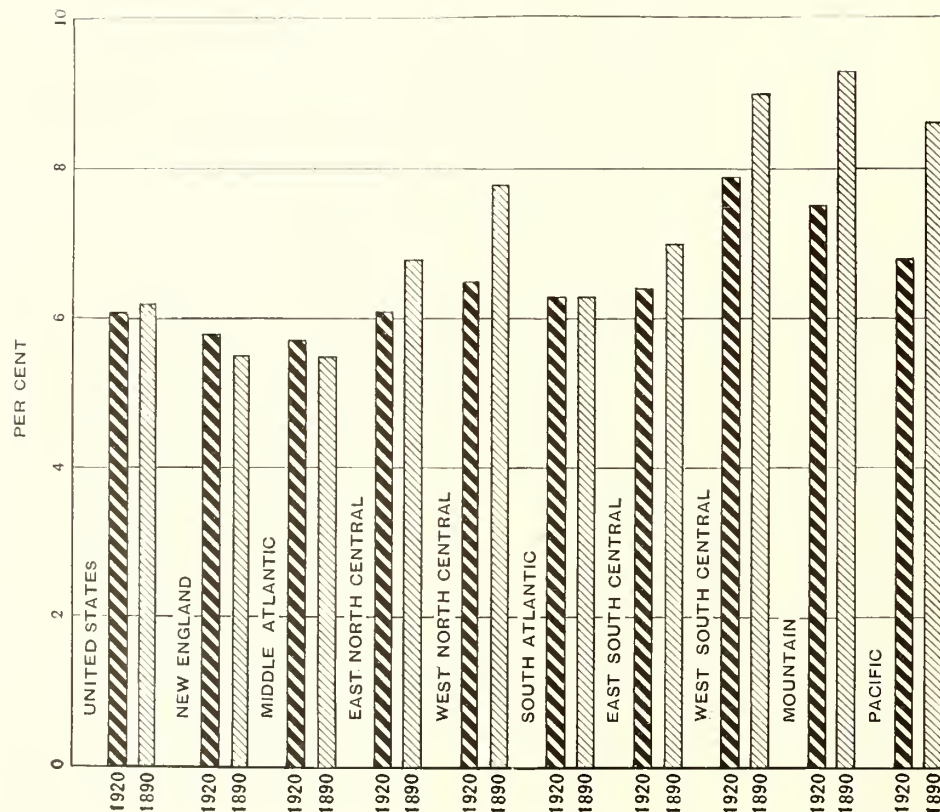


2. OWNED MORTGAGED HOMES NOT ON FARMS—PER CENT OF TOTAL NUMBER AND  
TOTAL MORTGAGE DEBT BEARING SPECIFIED RATES OF INTEREST, FOR THE  
UNITED STATES: 1920 AND 1890.

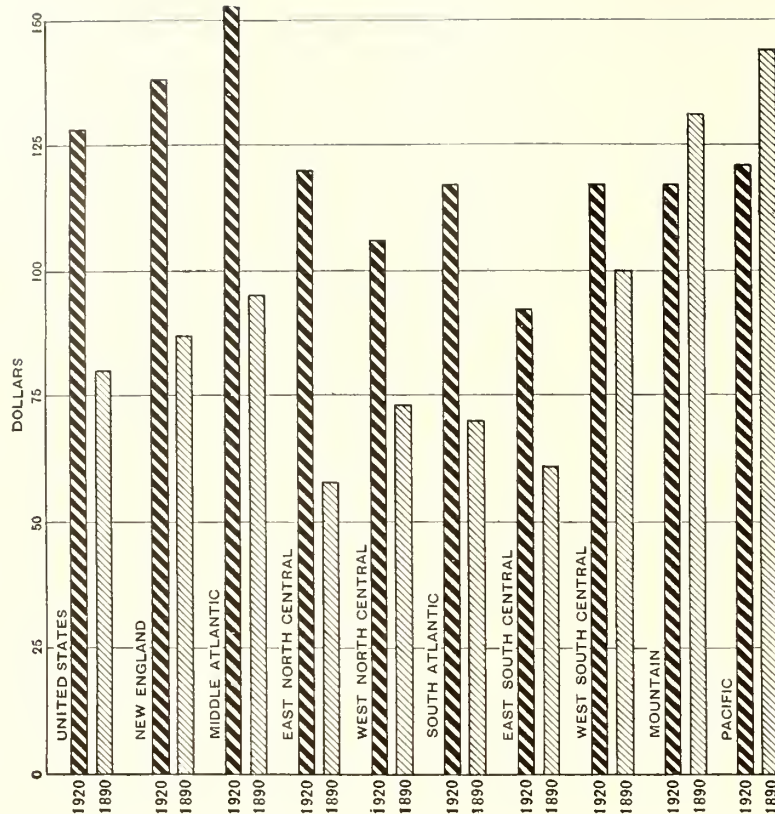


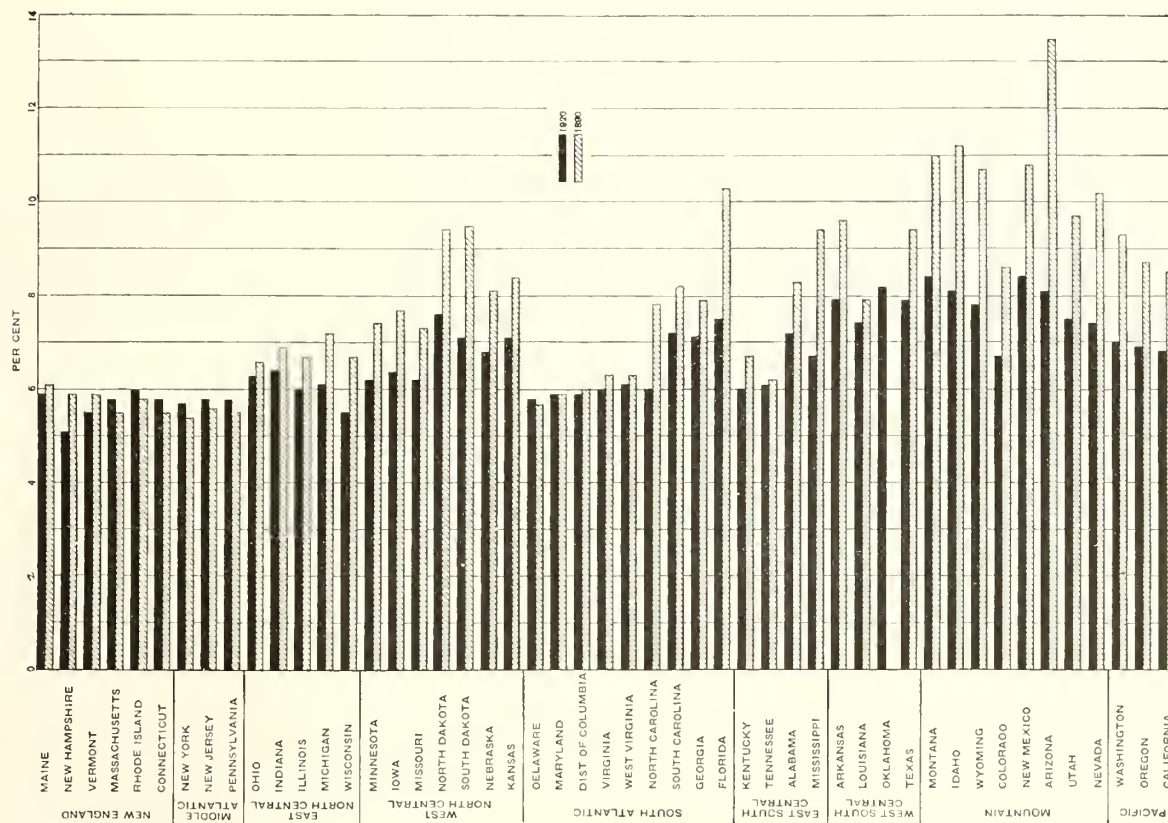


1. OWNED MORTGAGED HOMES NOT ON FARMS—AVERAGE ANNUAL RATE OF INTEREST, BY GEOGRAPHIC DIVISIONS: 1920 AND 1890.

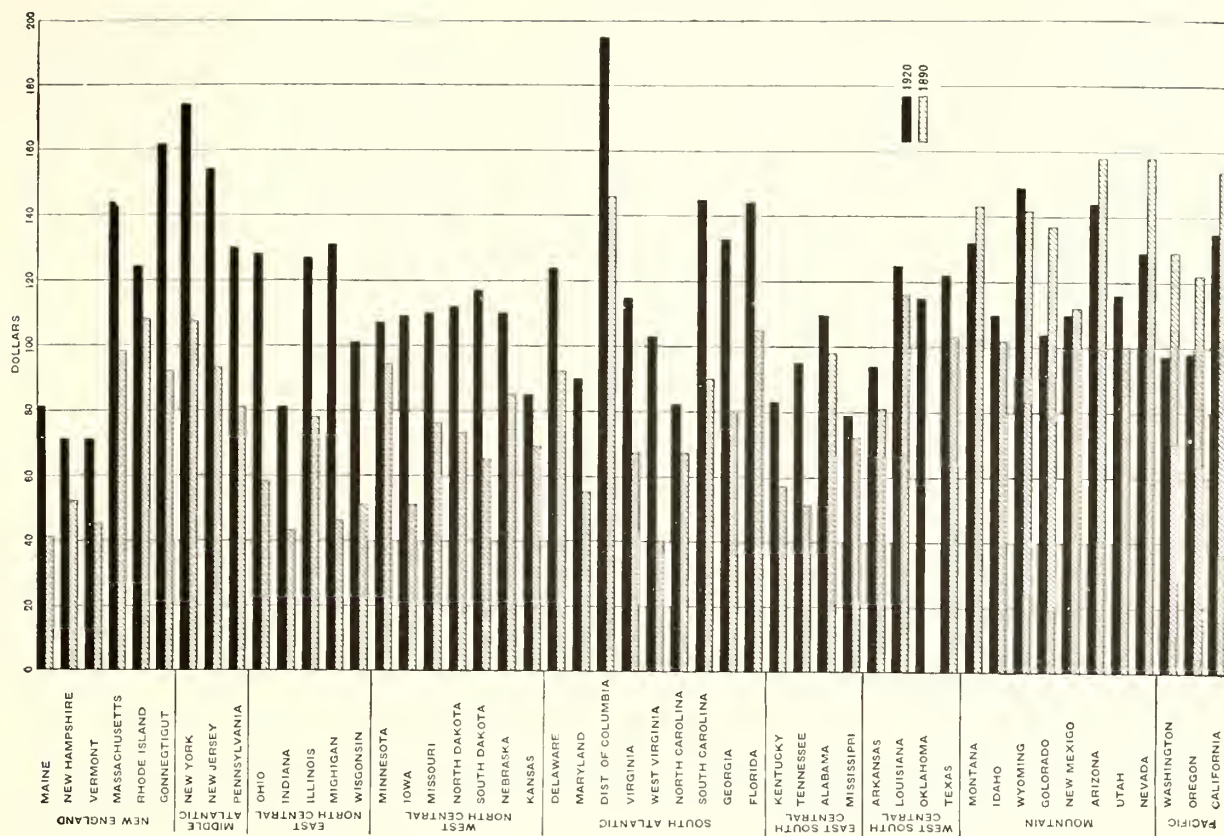


2. OWNED MORTGAGED HOMES NOT ON FARMS—AVERAGE ANNUAL INTEREST CHARGE PER HOME, BY GEOGRAPHIC DIVISIONS: 1920 AND 1890.



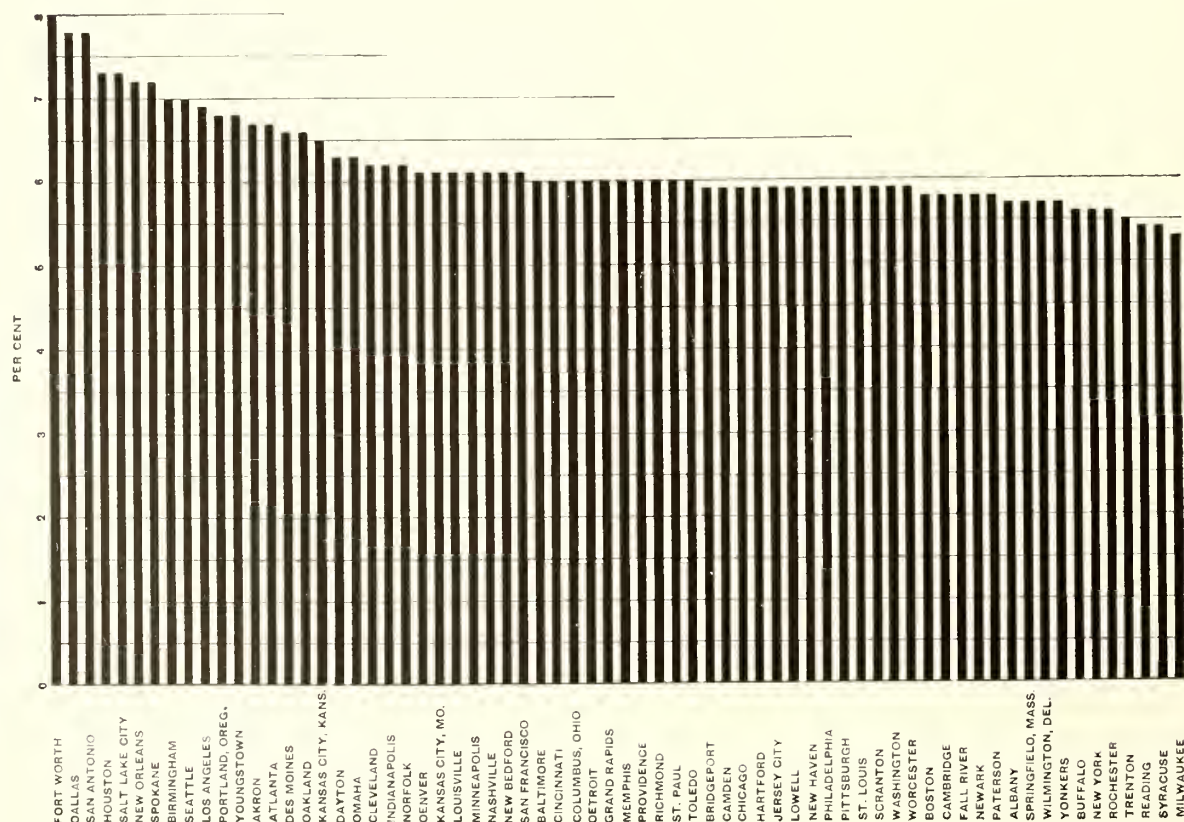


## 2. OWNED MORTGAGED HOMES NOT ON FARMS—AVERAGE ANNUAL INTEREST CHARGE PER HOME, BY STATES: 1920 AND 1930.

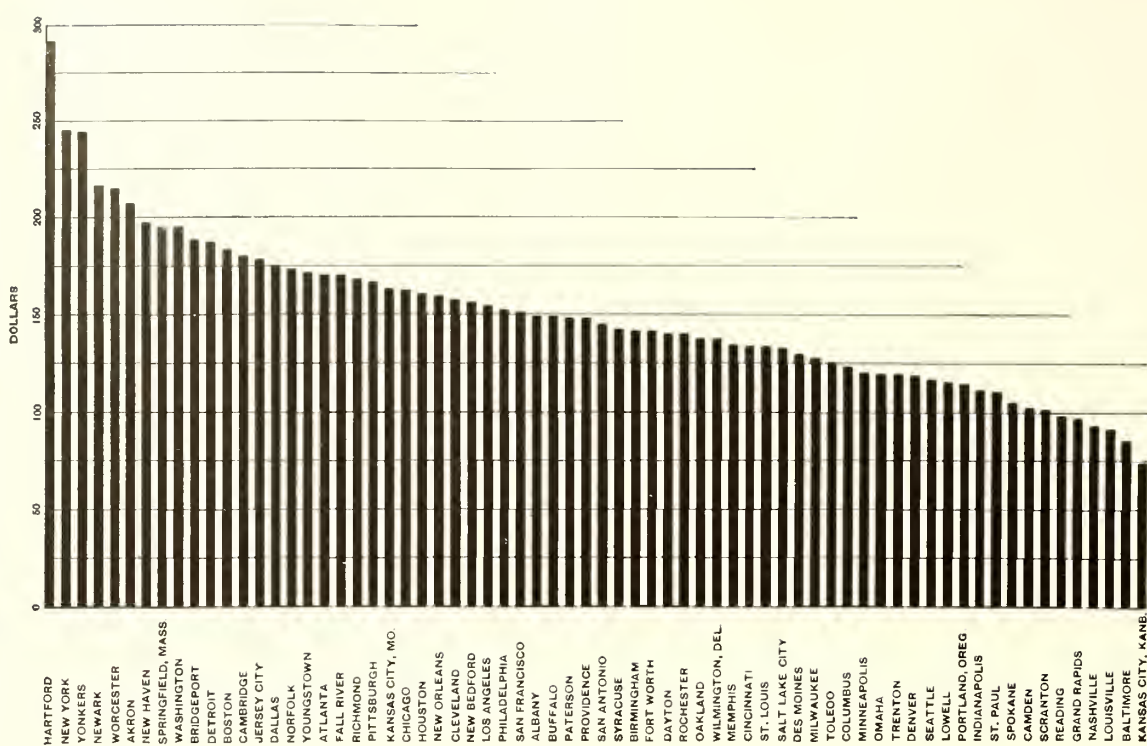




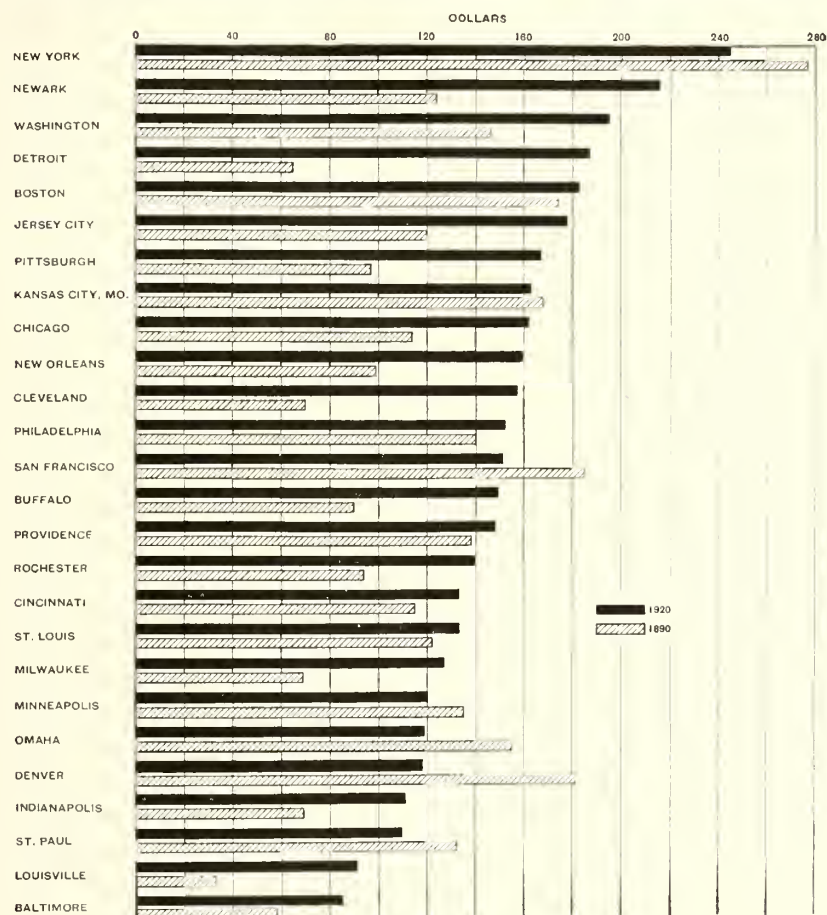
1. OWNED MORTGAGED HOMES—AVERAGE ANNUAL RATE OF INTEREST, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1920.



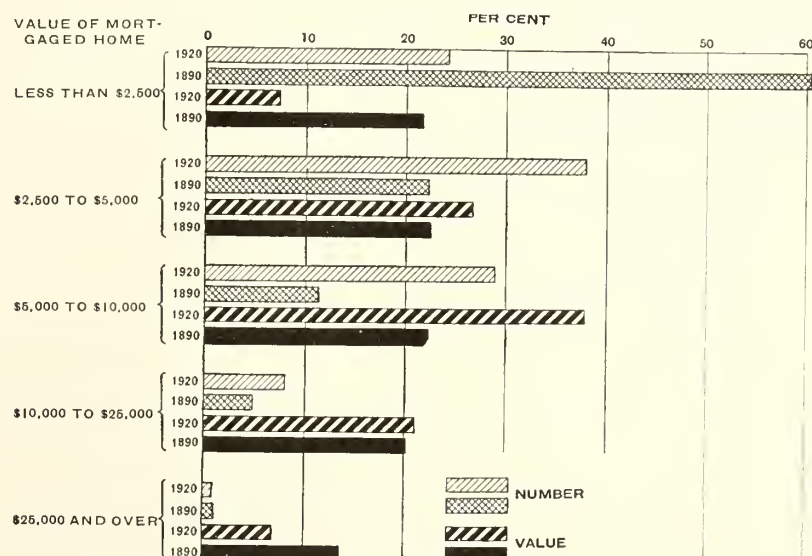
2. OWNED MORTGAGED HOMES—AVERAGE ANNUAL INTEREST CHARGE PER HOME, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1920.



1. OWNED MORTGAGED HOMES—AVERAGE ANNUAL INTEREST CHARGE PER HOME, FOR CITIES HAVING, IN 1890, 100,000 INHABITANTS OR MORE: 1920 AND 1890.



2. OWNED MORTGAGED HOMES NOT ON FARMS—PER CENT OF TOTAL NUMBER AND TOTAL VALUE IN EACH VALUE CLASS, FOR THE UNITED STATES: 1920 AND 1890.







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# STATISTICS OF STATES

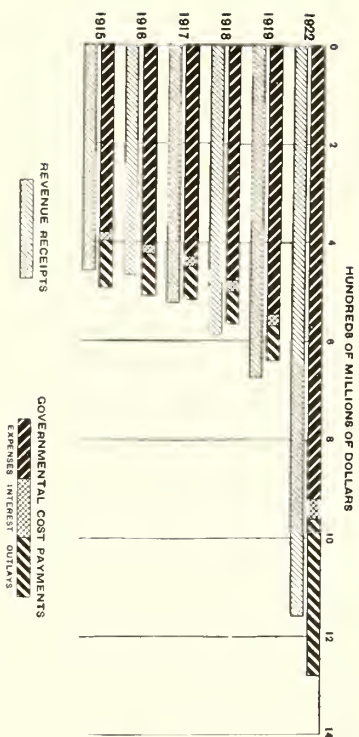
PLATES 390-391



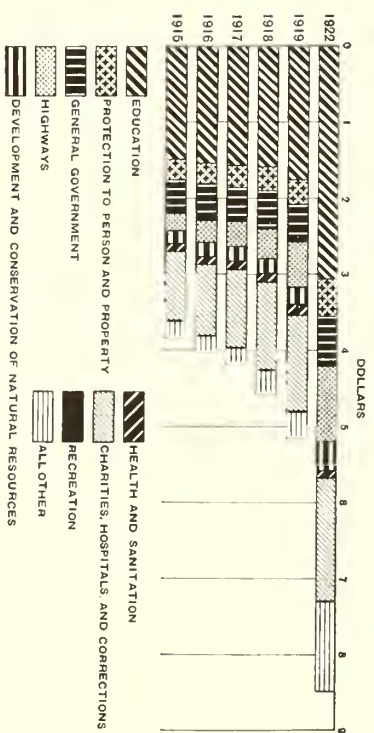
## STATISTICS OF STATES.

PLATE No.	TITLE.	PLATE No.	TITLE.
390	1. Revenue receipts and governmental-cost payments of the 48 states for specified years: 1915-1922.	391	1. Per cent distribution of principal general departmental expenses of the 48 states for specified years: 1915-1922.
	2. Per cent distribution of revenue receipts of the 48 states from the several sources of revenue for specified years: 1915-1922.		2. Gross debt, at the close of the year, of the 48 states for specified years: 1915-1922.
	3. Per capita revenue receipts, by principal classes, of the 48 states for specified years: 1915-1922.		3. Per capita gross debt, at the close of the year, of the 48 states for specified years: 1915-1922.
	4. Per capita payments for principal general departmental expenses of the 48 states for specified years: 1915-1922.		4. Per capita payments for specified general departmental outlays of the 48 states for specified years: 1915-1922.
	5. Per cent distribution of governmental-cost payments of the 48 states for specified years: 1915-1922.		5. Per capita sinking fund assets, at the close of the year, of the 48 states for specified years: 1915-1922.
	6. Per capita governmental-cost payments of the 48 states for specified years: 1915-1922.		6. Per capita net debt, at the close of the year, of the 48 states for specified years: 1915-1922.

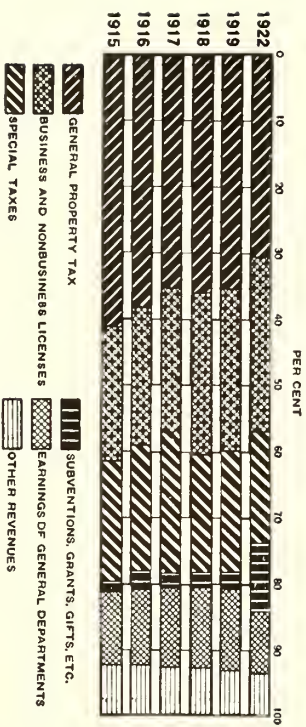
1. REVENUE RECEIPTS AND GOVERNMENTAL-COST PAYMENTS OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



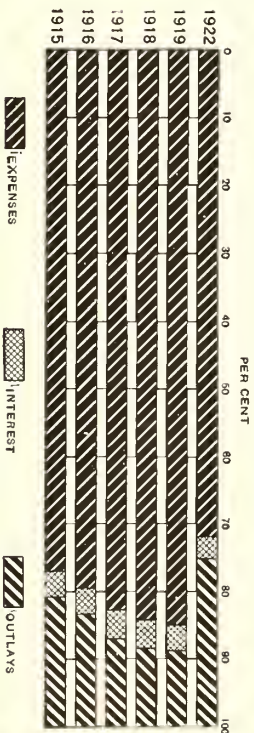
4. PER CAPITA PAYMENTS FOR PRINCIPAL GENERAL DEPARTMENTAL EXPENSES OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



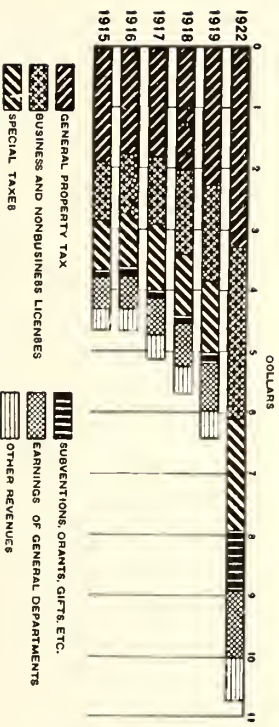
2. PER CENT DISTRIBUTION OF REVENUE RECEIPTS OF THE 48 STATES FROM THE SEVERAL SOURCES OF REVENUE FOR SPECIFIED YEARS: 1915-1922.



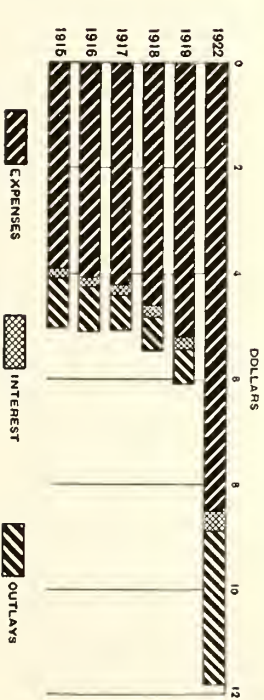
5. PER CENT DISTRIBUTION OF GOVERNMENTAL-COST PAYMENTS OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



3. PER CAPITA REVENUE RECEIPTS, BY PRINCIPAL CLASSES, OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.

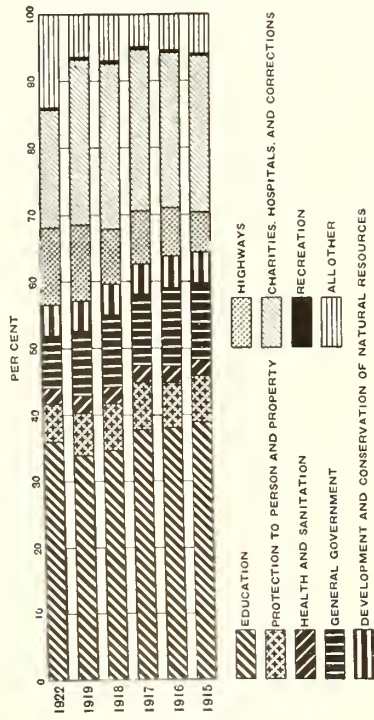


6. PER CAPITA GOVERNMENTAL-COST PAYMENTS OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.

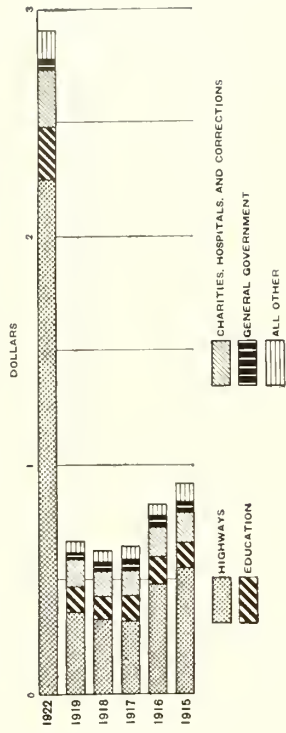




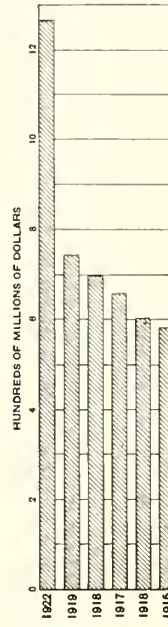
1. PER CENT DISTRIBUTION OF PRINCIPAL GENERAL DEPARTMENTAL EXPENSES OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



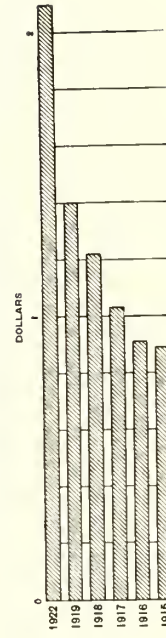
4. PER CAPITA PAYMENTS FOR SPECIFIED GENERAL DEPARTMENTAL OUTLAYS OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



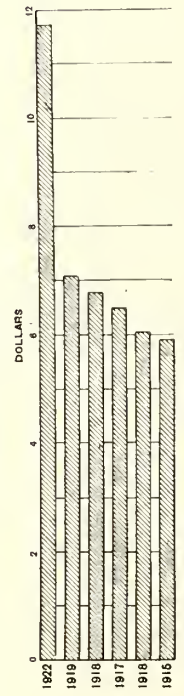
2. GROSS DEBT, AT THE CLOSE OF THE YEAR, OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



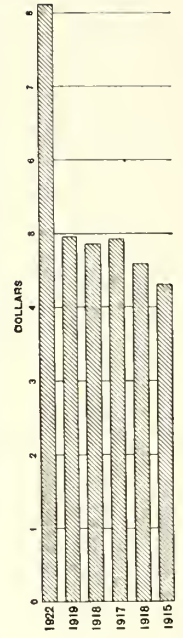
5. PER CAPITA SINKING-FUND ASSETS, AT THE CLOSE OF THE YEAR, OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



3. PER CAPITA GROSS DEBT, AT THE CLOSE OF THE YEAR, OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



6. PER CAPITA NET DEBT, AT THE CLOSE OF THE YEAR, OF THE 48 STATES FOR SPECIFIED YEARS: 1915-1922.



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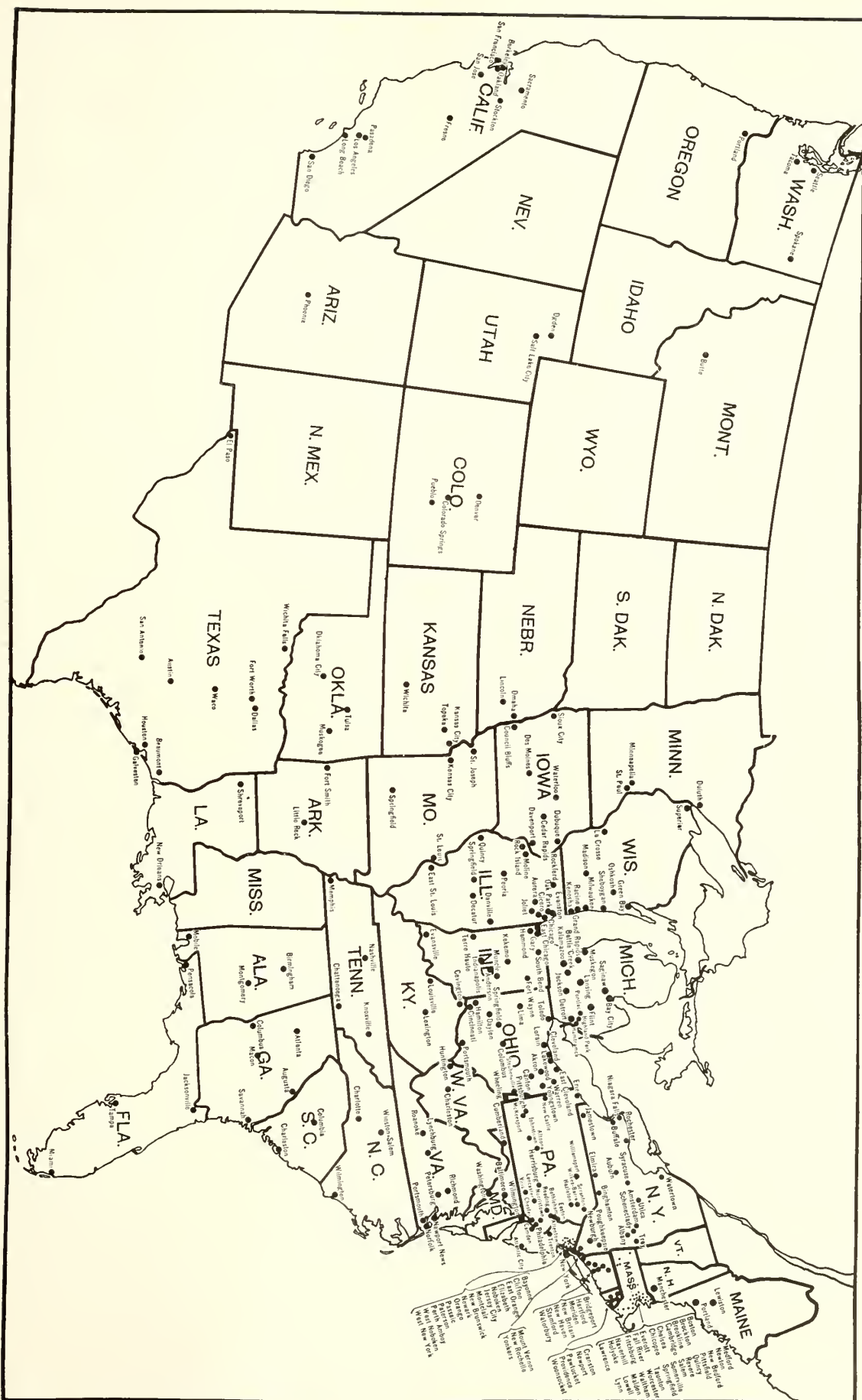
# STATISTICS OF CITIES

PLATES 392-395



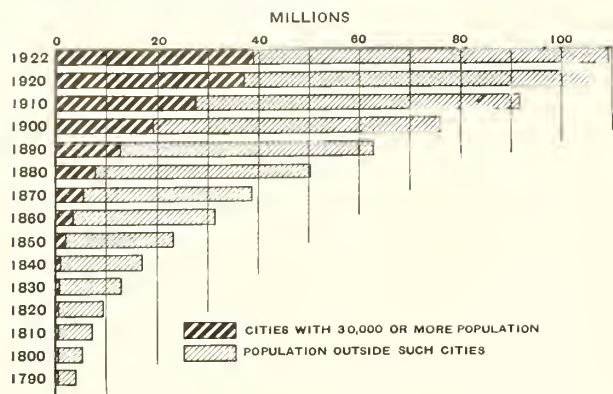
## STATISTICS OF CITIES.

PLATE No.	TITLE.	PLATE No.	TITLE.
392	Location of cities in the United States having a population of over 30,000 at the middle of the fiscal year 1922.		
	1. Population in cities having a population of over 30,000 and outside such cities for specified years: 1790-1922.		1. Per cent distribution of principal general departmental expenses of all cities of over 30,000 inhabitants for specified years: 1903-1922.
	2. Per cent of total population in cities having a population of over 30,000 and per cent outside such cities for specified years: 1790-1922.		2. Per capita gross debt, at the close of the year, of 146 cities for specified years: 1903-1922.
393	3. Net revenue receipts and net governmental-cost payments of 146 cities for specified years: 1903-1922.	395	3. Per capita net indebtedness, at the close of the year, of 146 cities for specified years: 1903-1922.
	4. Per capita net payments for governmental-costs, by principal classes, of 146 cities for specified years: 1903-1922.		4. Per capita payments for principal general departmental outlays of all cities of over 30,000 inhabitants for specified years: 1903-1922.
	1. Per capita net revenue receipts, by principal classes, of 146 cities for specified years: 1903-1922.		5. Gross debt, at the close of the year, of 146 cities for specified years: 1903-1922.
	2. Per cent distribution of net revenue receipts of 146 cities from the several sources of revenue for specified years: 1903-1922.		6. Per capita sinking fund assets, at the close of the year, of 146 cities for specified years: 1903-1922.
394	3. Per cent distribution of net governmental-cost payments of 146 cities for specified years: 1903-1922.		
	4. Per capita net payments for principal general departmental expenses of all cities of over 30,000 inhabitants for specified years: 1903-1922.		

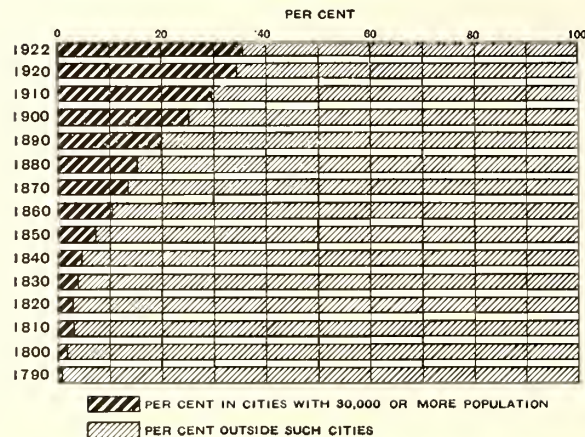




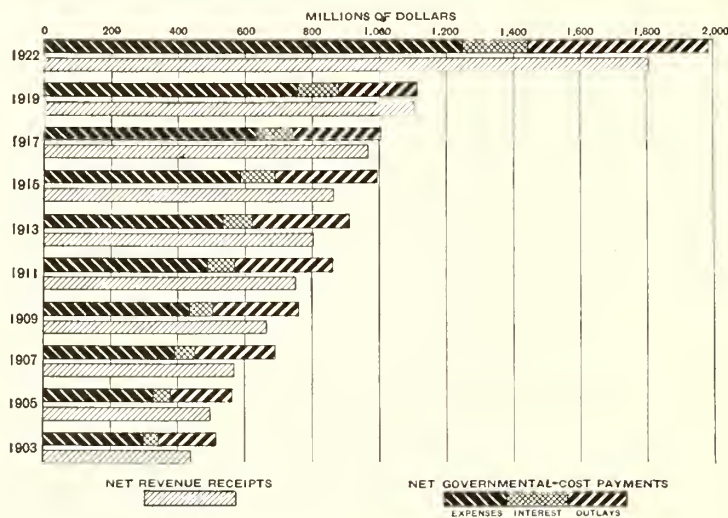
1. POPULATION IN CITIES HAVING A POPULATION OF OVER 30,000 AND OUTSIDE SUCH CITIES FOR SPECIFIED YEARS: 1790-1922.



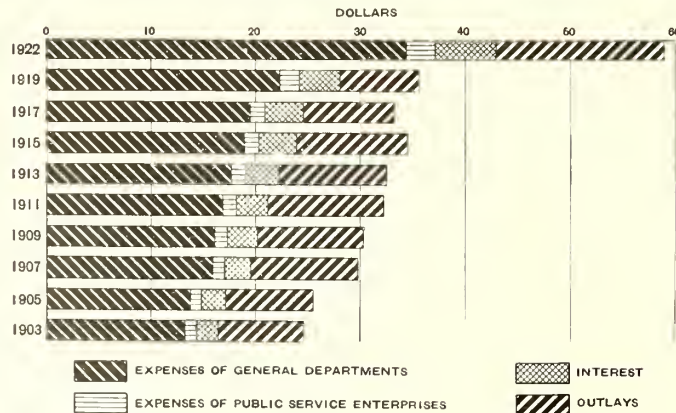
2. PER CENT OF TOTAL POPULATION IN CITIES HAVING A POPULATION OF OVER 30,000 AND PER CENT OUTSIDE SUCH CITIES FOR SPECIFIED YEARS: 1790-1922.



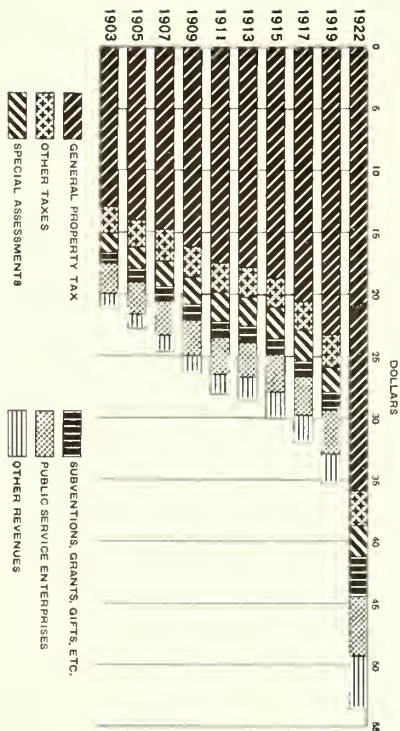
3. NET REVENUE RECEIPTS AND NET GOVERNMENTAL-COST PAYMENTS OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



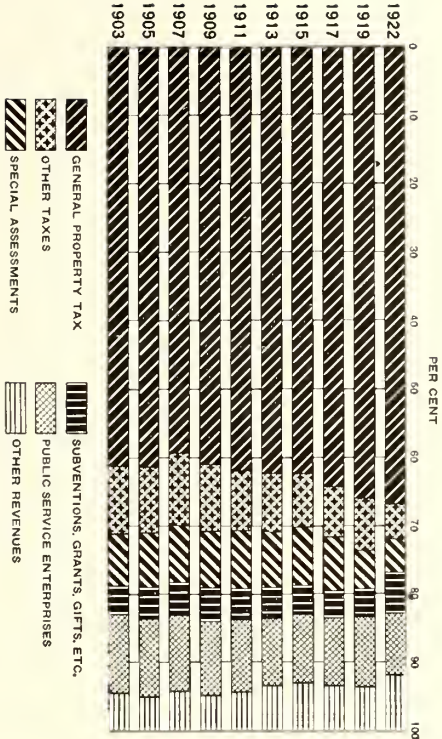
4. PER CAPITA NET PAYMENTS FOR GOVERNMENTAL-COSTS, BY PRINCIPAL CLASSES, OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



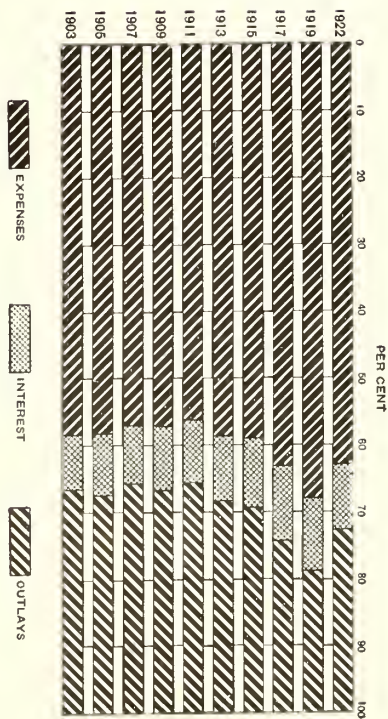
1. PER CAPITA NET REVENUE RECEIPTS, BY PRINCIPAL CLASSES, OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



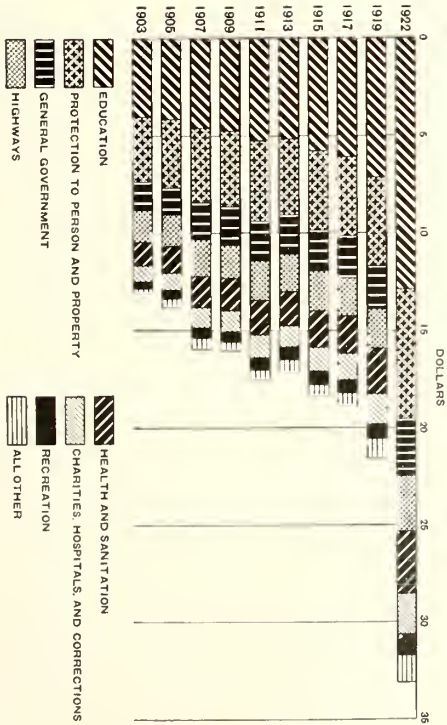
2. PER CENT DISTRIBUTION OF NET REVENUE RECEIPTS OF 146 CITIES FROM THE SEVERAL SOURCES OF REVENUE FOR SPECIFIED YEARS: 1903-1922.



3. PER CENT DISTRIBUTION OF NET GOVERNMENTAL-COST PAYMENTS OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.

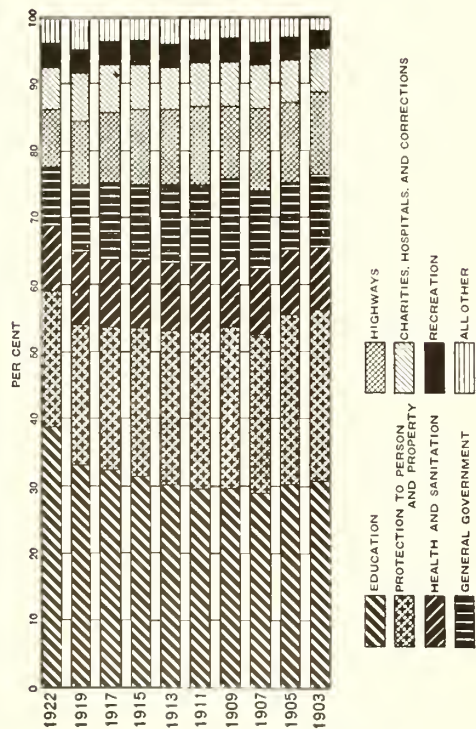


4. PER CAPITA NET PAYMENTS FOR PRINCIPAL GENERAL DEPARTMENTAL EXPENSES OF ALL CITIES OF OVER 30,000 INHABITANTS FOR SPECIFIED YEARS: 1903-1922.

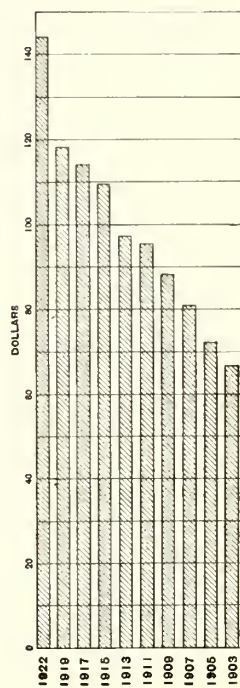




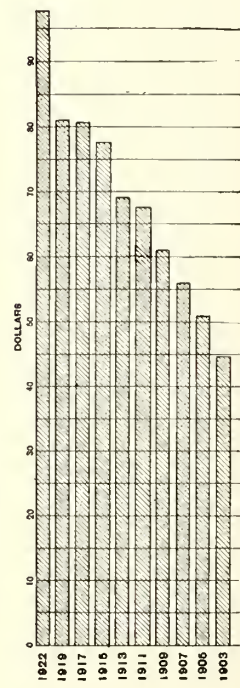
1. PER CENT DISTRIBUTION OF PRINCIPAL GENERAL DEPARTMENTAL EXPENSES OF ALL CITIES OF OVER 30,000 INHABITANTS FOR SPECIFIED YEARS: 1903-1922.



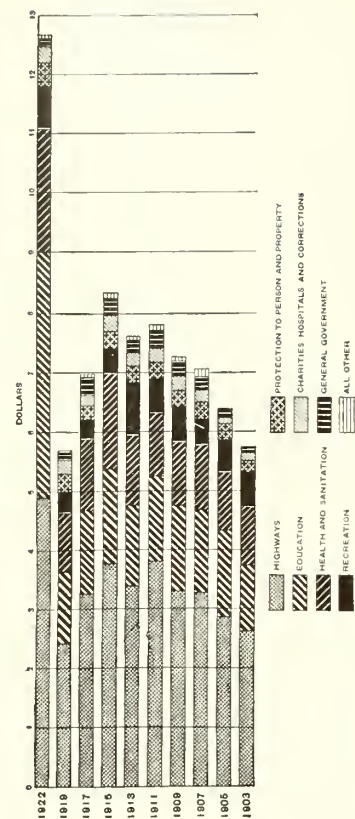
2. PER CAPITA GROSS DEBT, AT THE CLOSE OF THE YEAR, OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



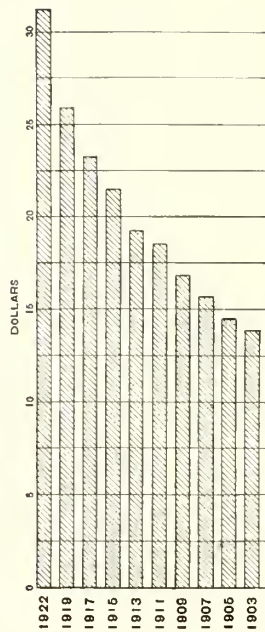
3. PER CAPITA NET INDEBTEDNESS, AT THE CLOSE OF THE YEAR, OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



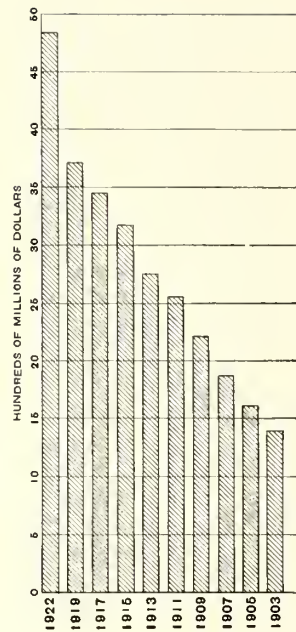
4. PER CAPITA PAYMENTS FOR PRINCIPAL GENERAL DEPARTMENTAL OUTLAYS OF ALL CITIES OF OVER 30,000 INHABITANTS FOR SPECIFIED YEARS: 1903-1922.



5. GROSS DEBT, AT THE CLOSE OF THE YEAR, OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



6. PER CAPITA SINKING FUND ASSETS, AT THE CLOSE OF THE YEAR, OF 146 CITIES FOR SPECIFIED YEARS: 1903-1922.



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# VITAL STATISTICS

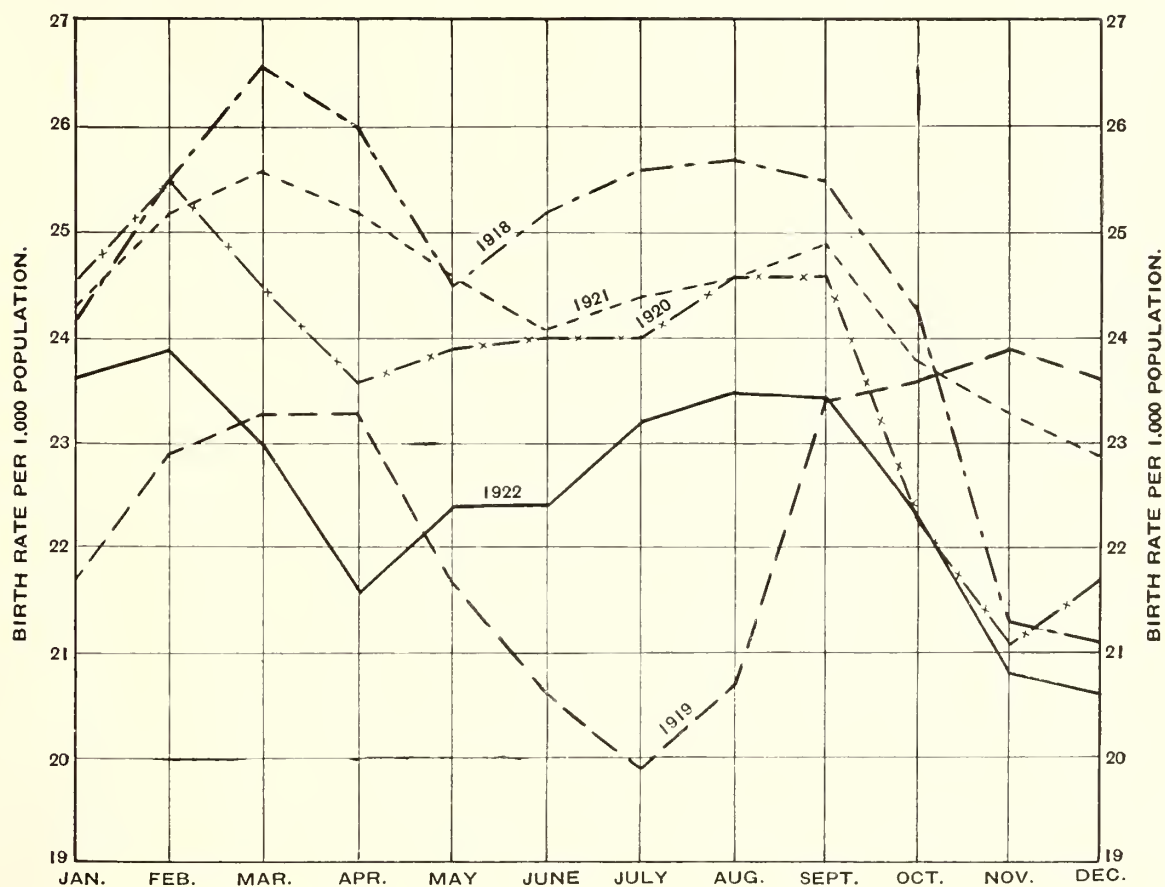
PLATES 396-412



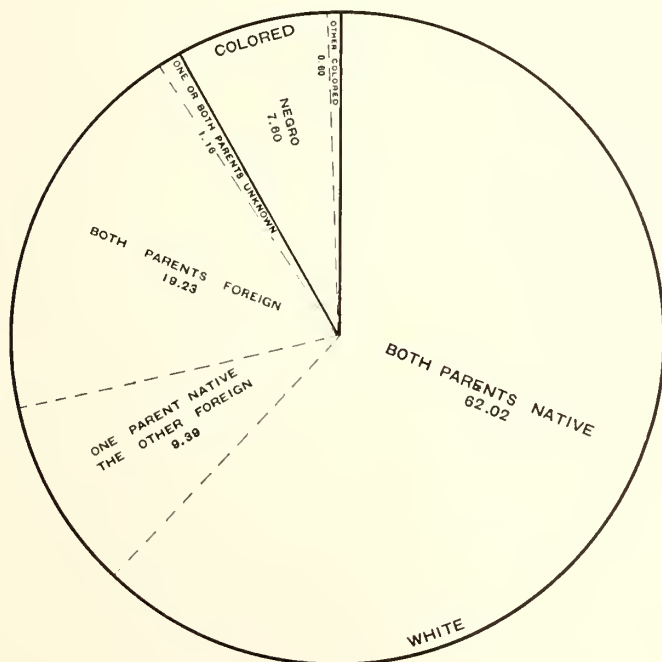
# VITAL STATISTICS.

PLATE No.	TITLE.	PLATE No.	TITLE.
396	1. Annual birth rates per 1,000 population, by months, in the registration area: 1918-1922.	405	1. Death rates from influenza per 100,000 population in the registration states of 1910: 1910 and 1920.
	2. Births, by color, and for white children by parent nativity, in the registration area: 1922.		2. Death rates from tuberculosis of the lungs per 100,000 population in the registration states of 1910: 1910 and 1920.
	3. Births in the registration area of white children of known parentage having at least one parent foreign born: 1922.	406	1. Death rates from all other forms of tuberculosis per 100,000 population in the registration states of 1910: 1910 and 1920.
397	Growth of the registration area for births: 1915-1922 (map).		2. Death rates from cancer and other malignant tumors per 100,000 population in the registration states of 1910: 1910 and 1920.
398	Growth of the registration area for deaths: 1880-1922 (map).	407	1. Death rates from diabetes per 100,000 population in the registration states of 1910: 1910 and 1920.
399	1. Per cent which the population and land area of the registration area formed of the total population and land area of the United States for the years 1880, 1890, and 1900 to 1922, inclusive.		2. Death rates from cerebral hemorrhage and softening per 100,000 population in the registration states of 1910: 1910 and 1920.
	2. Per cent of deaths in the registration area (exclusive of Hawaii) by color, by nativity of white persons, and by parent nativity of the native white: 1922.	408	1. Death rates from organic diseases of the heart per 100,000 population in the registration states of 1910: 1910 and 1920.
	3. Number of deaths in the registration area (exclusive of Hawaii) at all ages, under 1 year of age, and from 1 to 4 years of age, for each of the years 1900 to 1922.		2. Death rates from pneumonia (all forms) per 100,000 population in the registration states of 1910: 1910 and 1920.
	4. Per cent of deaths in the registration area (exclusive of Hawaii) under 1 year of age, from 1 to 4 years, and 5 years and over, for each of the years 1900 to 1922.	409	1. Death rates from diarrhea and enteritis per 100,000 population in the registration states of 1910: 1910 and 1920.
400	General death rates of the United States (registration area) and certain foreign countries for each of the years from 1900 to 1922.		2. Death rates from acute nephritis and Bright's disease per 100,000 population in the registration states of 1910: 1910 and 1920.
401	Death rates from certain important causes of death in the registration area of the United States for the years 1900 and 1910 to 1922.	410	1. Death rates from puerperal septicemia per 100,000 female population in the registration states of 1910: 1910 and 1920.
402	1. Death rates from all causes per 1,000 population in the registration states of 1910: 1910 and 1920.		2. Death rates from all other puerperal causes per 100,000 female population in the registration states of 1910: 1910 and 1920.
	2. Death rates from typhoid fever per 100,000 population in the registration states of 1910: 1910 and 1920.		3. Death rates from violent deaths (suicide excepted) per 100,000 population in the registration states of 1910: 1910 and 1920.
403	1. Death rates from measles per 100,000 population in the registration states of 1910: 1910 and 1920.	411	Infant mortality, by country of birth of mother, in the registration area: 1922.
	2. Death rates from scarlet fever per 100,000 population in the registration states of 1910: 1910 and 1920.	412	Infant mortality, by country of birth of mother, in the registration area: 1922.
404	1. Death rates from whooping cough per 100,000 population in the registration states of 1910: 1910 and 1920.		
	2. Death rates from diphtheria and croup per 100,000 population in the registration states of 1910: 1910 and 1920.		

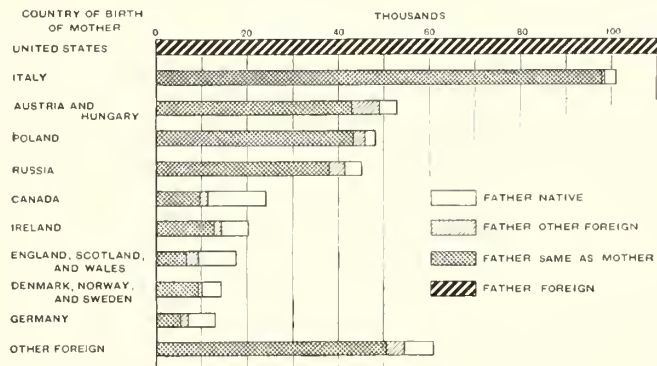
1. ANNUAL BIRTH RATES PER 1,000 POPULATION, BY MONTHS, IN THE REGISTRATION AREA: 1918-1922.



2. BIRTHS, BY COLOR, AND FOR WHITE CHILDREN BY PARENT NATIVITY, IN THE REGISTRATION AREA: 1922.

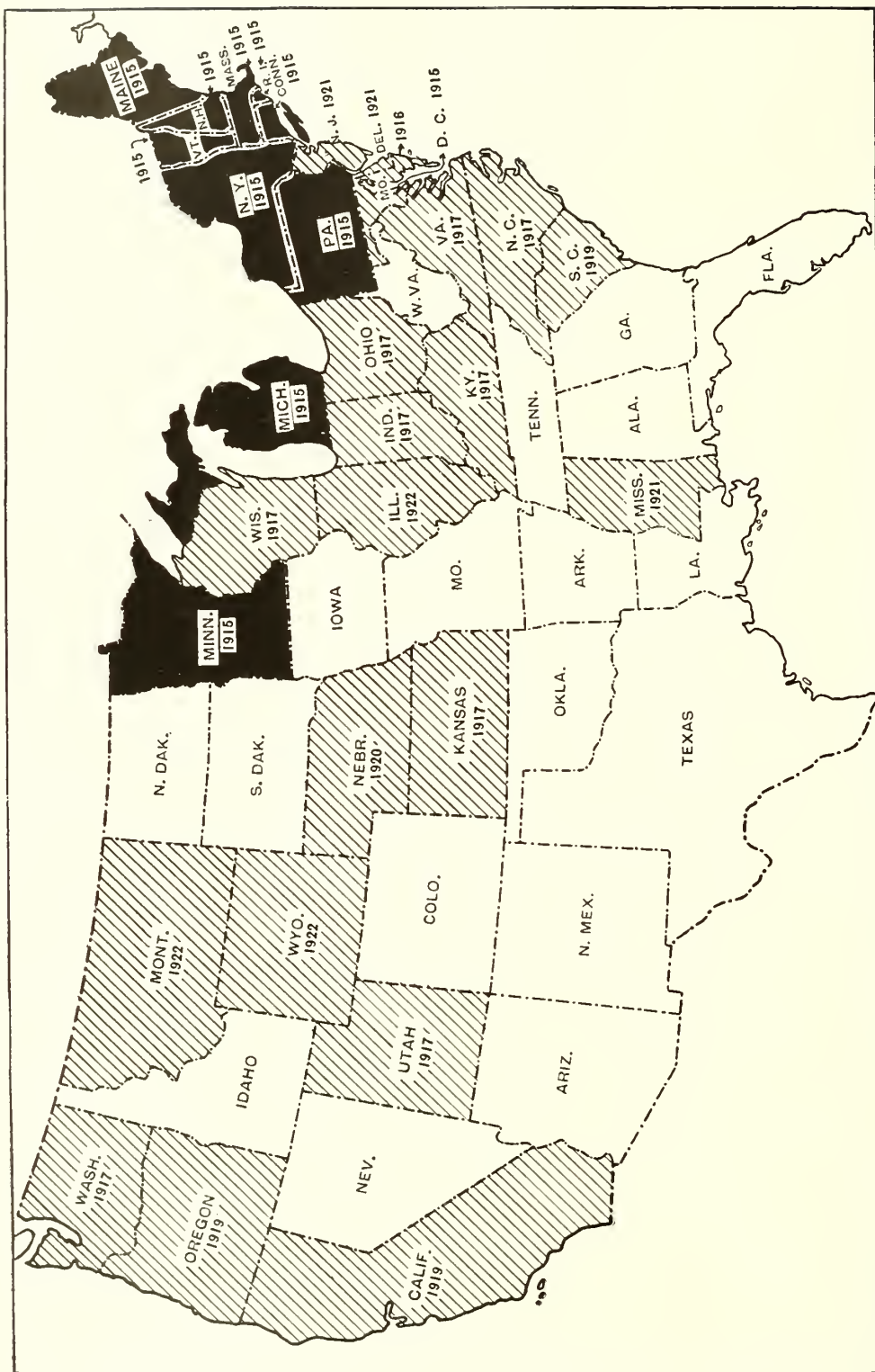


3. BIRTHS IN THE REGISTRATION AREA OF WHITE CHILDREN OF KNOWN PARENTAGE HAVING AT LEAST ONE PARENT FOREIGN BORN: 1922.

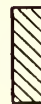




GROWTH OF THE REGISTRATION AREA FOR BIRTHS: 1915-1922.



STATES NOT IN REGISTRATION AREA

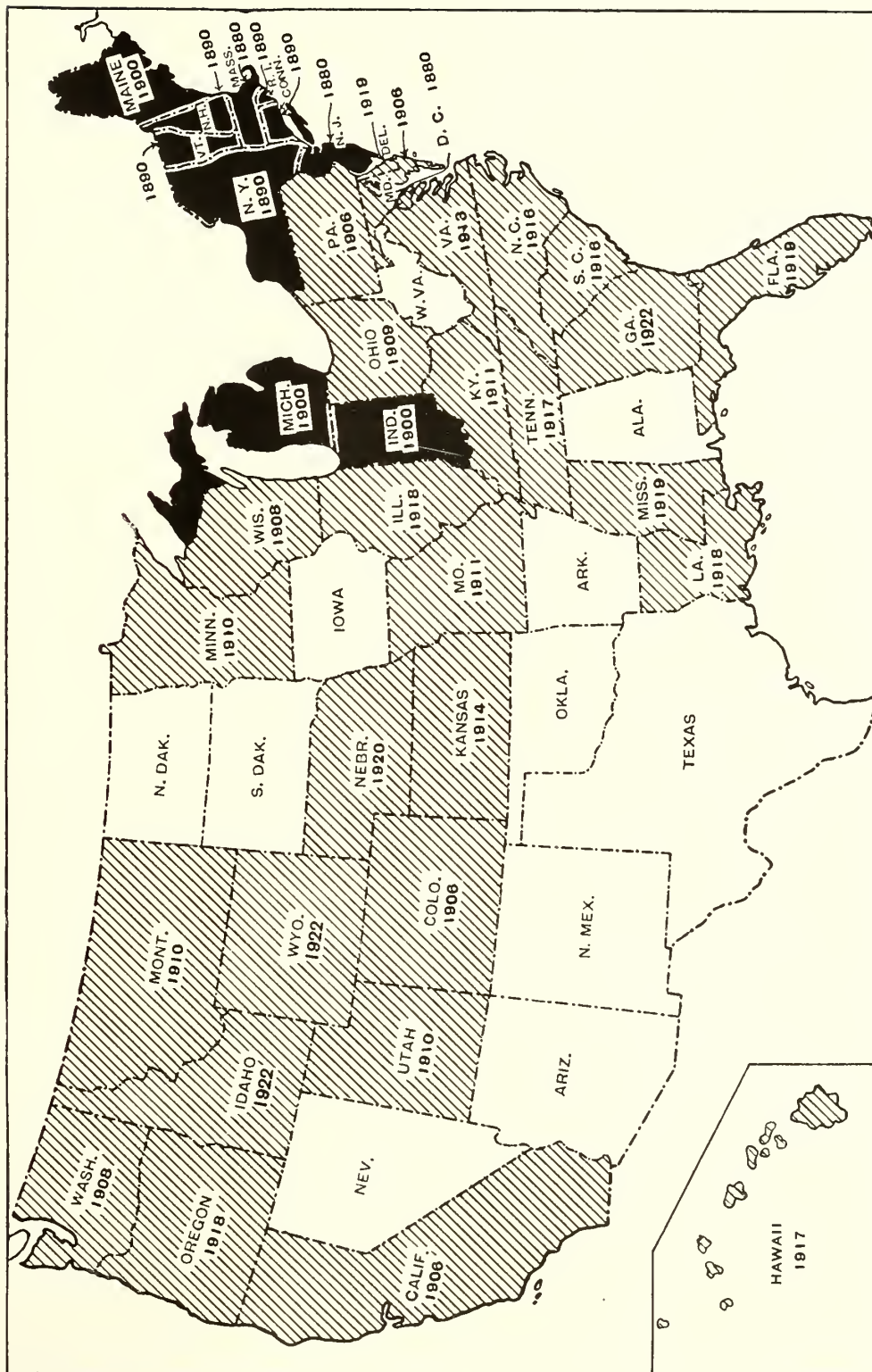


STATES ADDED SINCE 1915



ORIGINAL REGISTRATION STATES, 1915

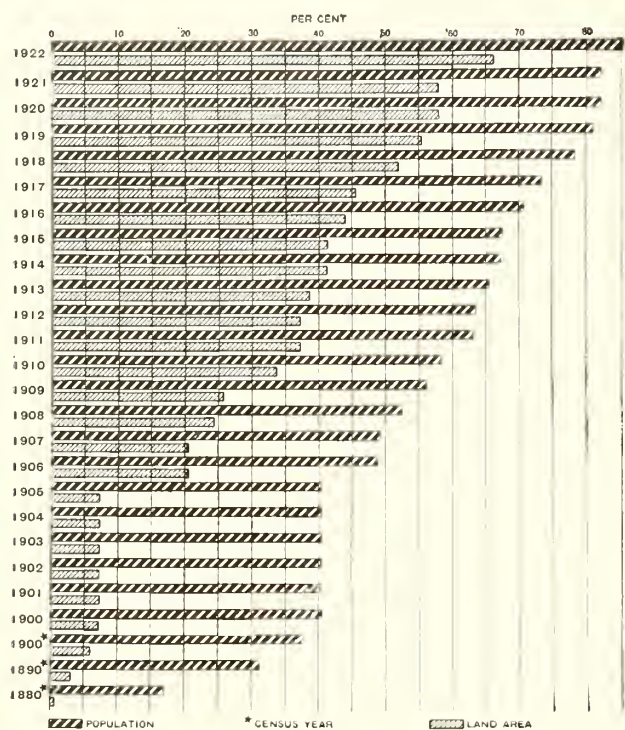
GROWTH OF THE REGISTRATION AREA FOR DEATHS: 1880-1922.



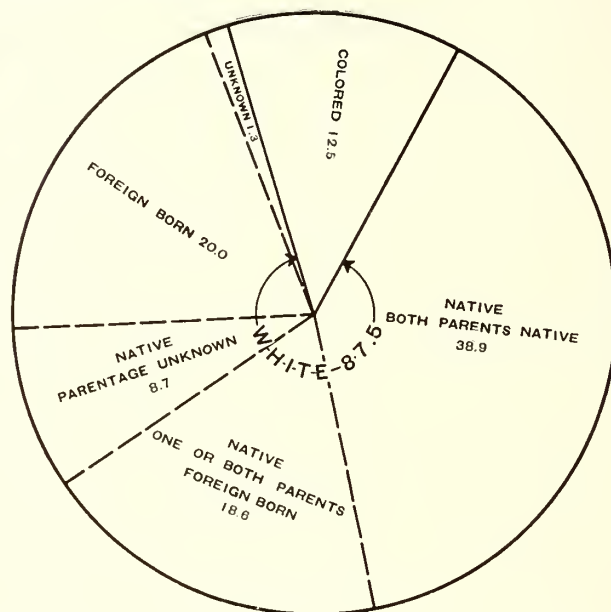
ORIGINAL REGISTRATION STATES, 1900  
STATES ADDED SINCE 1900  
STATES NOT IN REGISTRATION AREA



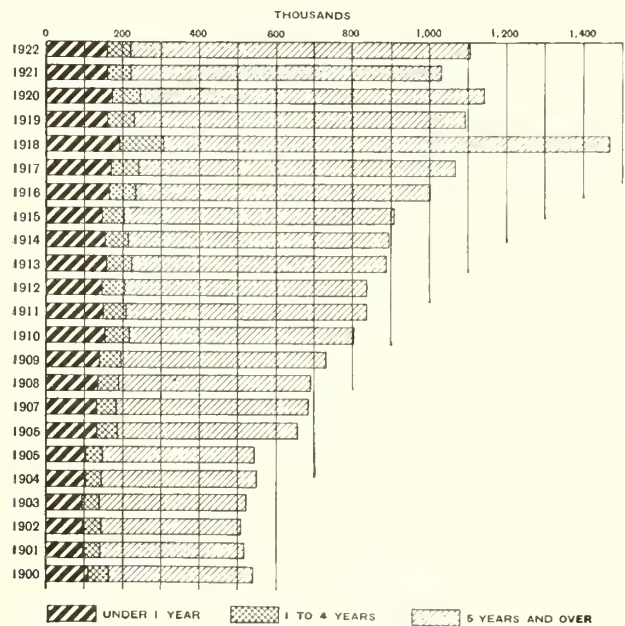
1. PER CENT WHICH THE POPULATION AND LAND AREA OF THE REGISTRATION AREA FORMED OF THE TOTAL POPULATION AND LAND AREA OF THE UNITED STATES FOR THE YEARS 1880, 1890, AND 1900 TO 1922, INCLUSIVE.



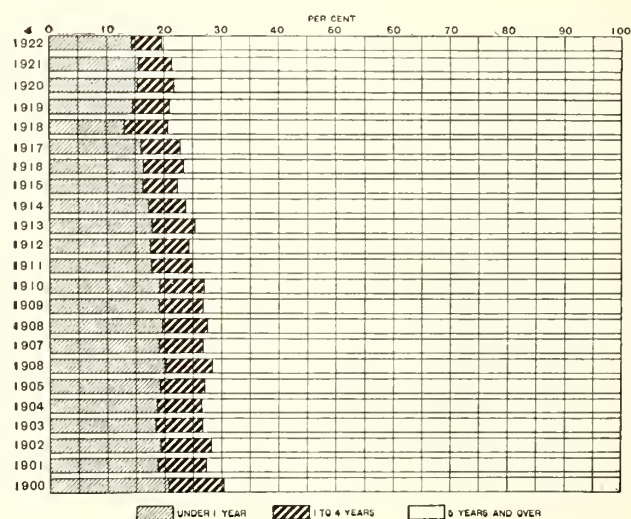
2. PER CENT OF DEATHS IN THE REGISTRATION AREA (EXCLUSIVE OF HAWAII) BY COLOR, BY NATIVITY OF WHITE PERSONS, AND BY PARENT NATIVITY OF THE NATIVE WHITE: 1922.



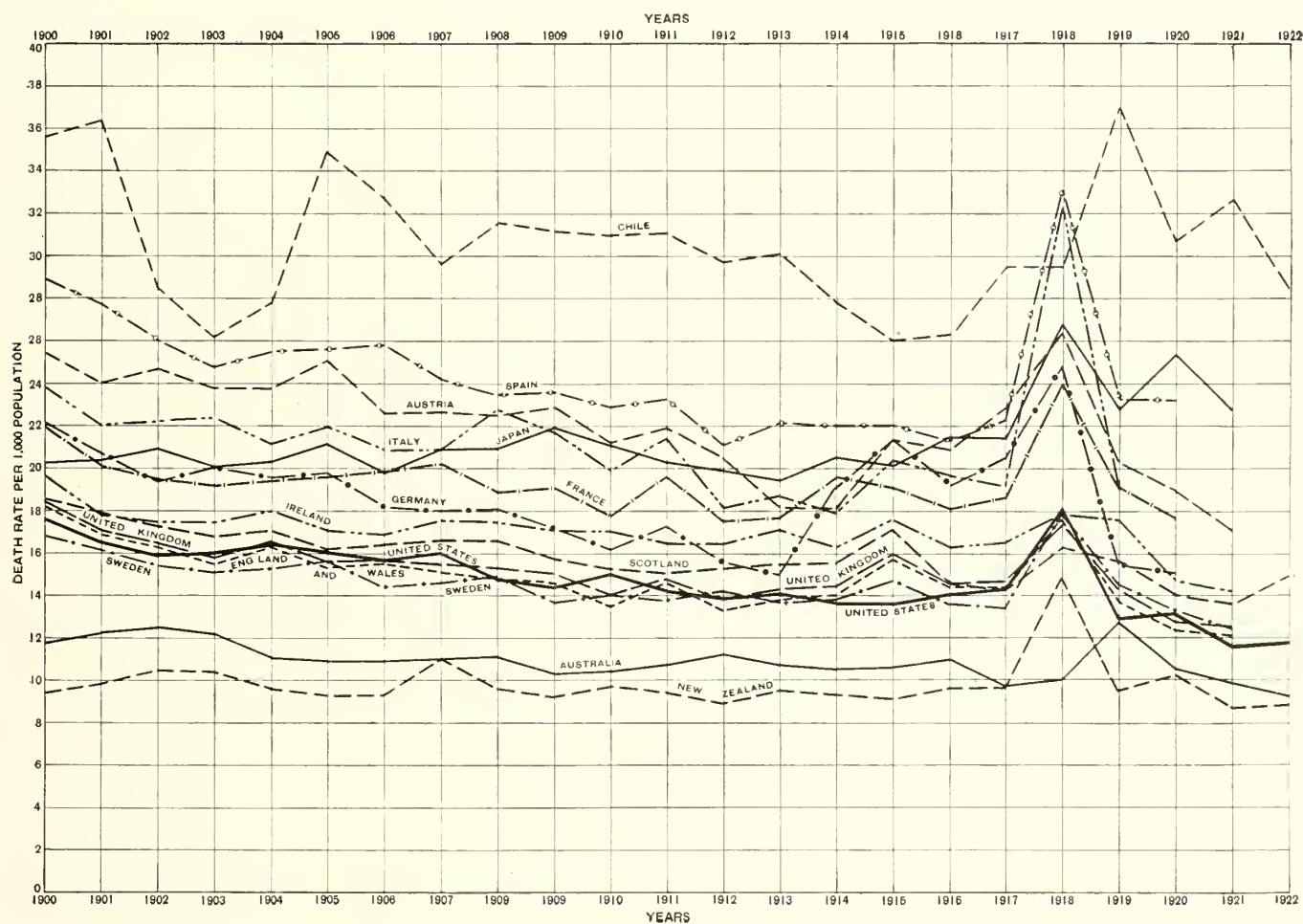
3. NUMBER OF DEATHS IN THE REGISTRATION AREA (EXCLUSIVE OF HAWAII) AT ALL AGES, UNDER 1 YEAR OF AGE, AND FROM 1 TO 4 YEARS OF AGE, FOR EACH OF THE YEARS 1900 TO 1922.



4. PER CENT OF DEATHS IN THE REGISTRATION AREA (EXCLUSIVE OF HAWAII) UNDER 1 YEAR OF AGE, FROM 1 TO 4 YEARS, AND 5 YEARS AND OVER, FOR EACH OF THE YEARS 1900 TO 1922.

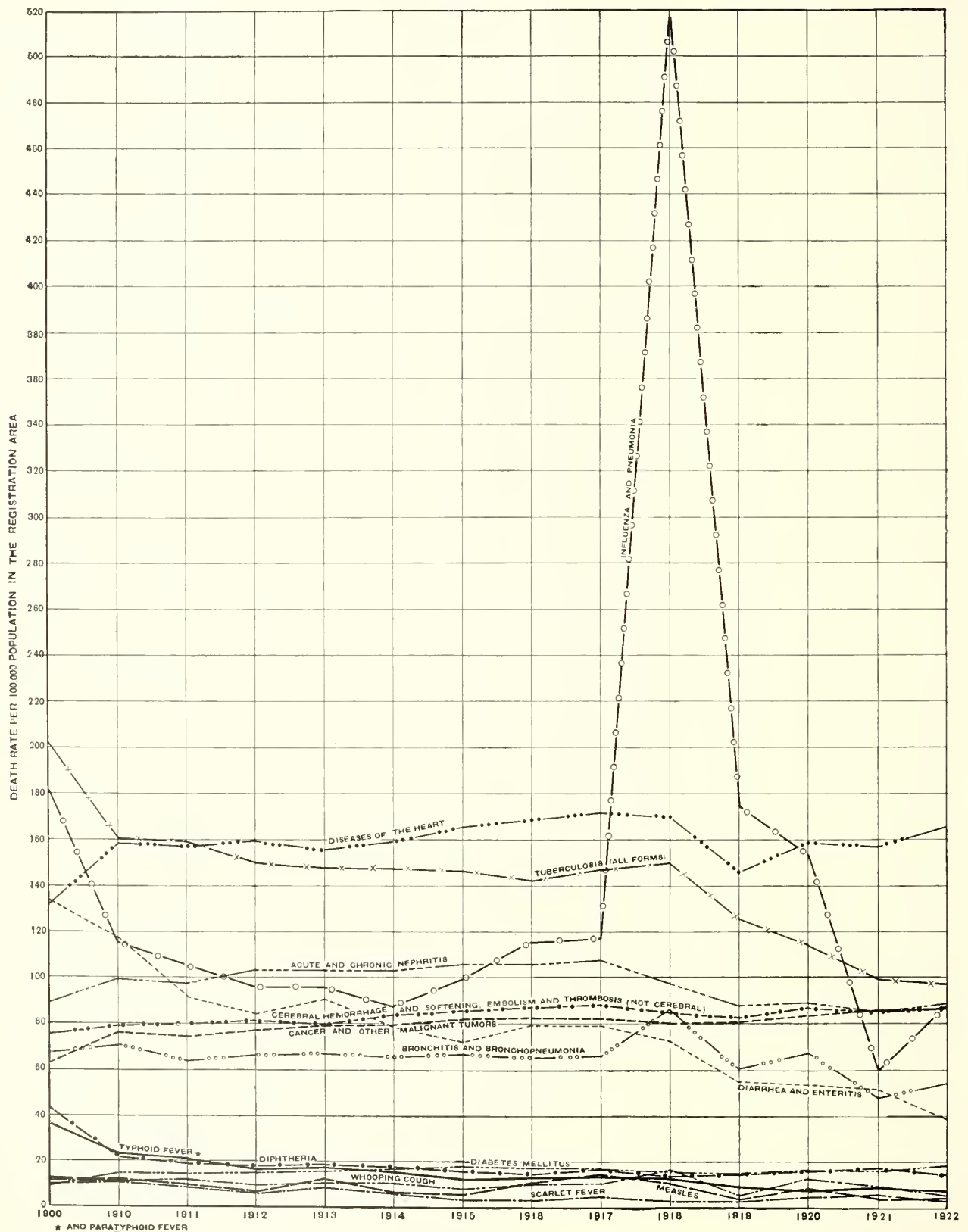


GENERAL DEATH RATES OF THE UNITED STATES (REGISTRATION AREA) AND CERTAIN FOREIGN COUNTRIES FOR EACH OF THE YEARS FROM 1900 TO 1922.

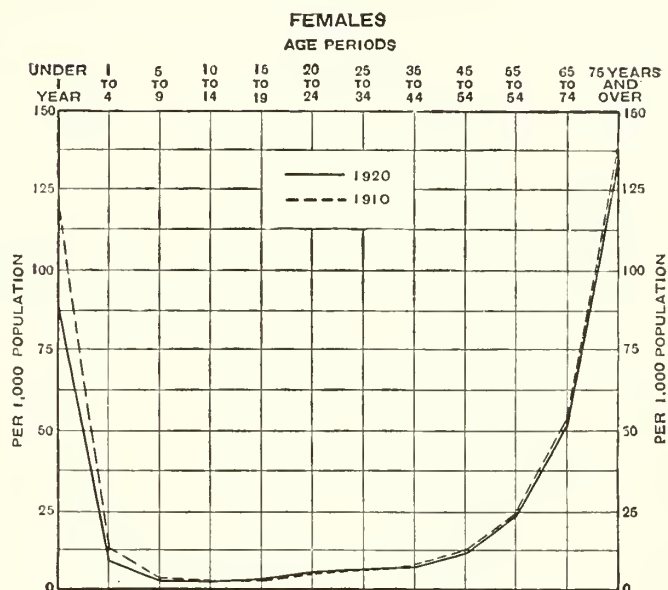
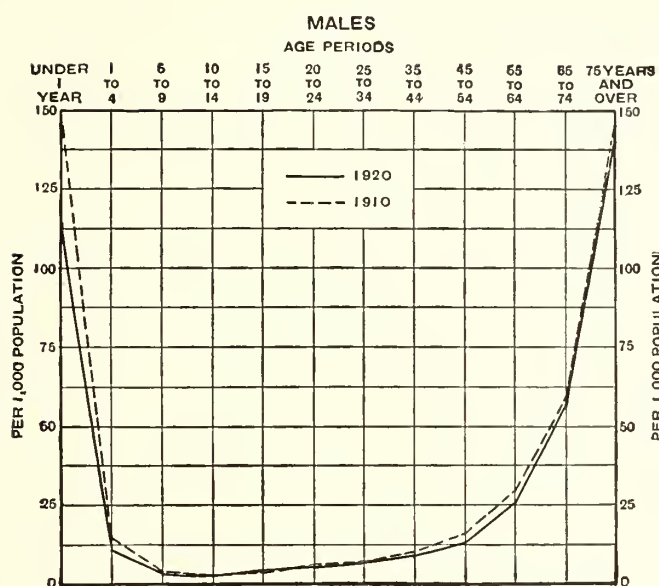




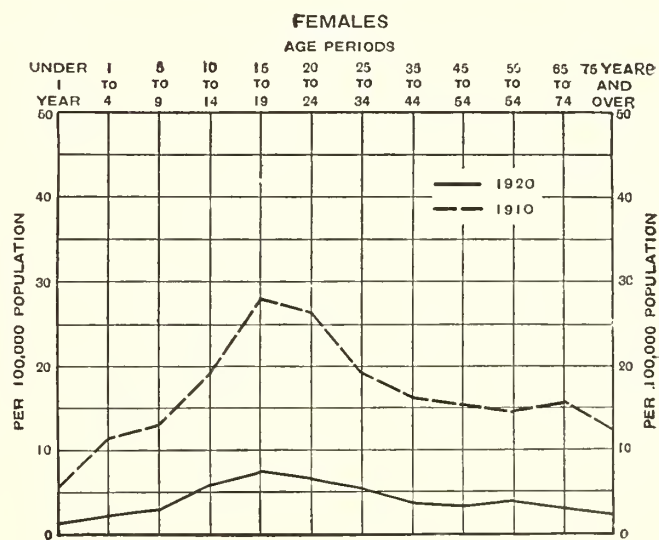
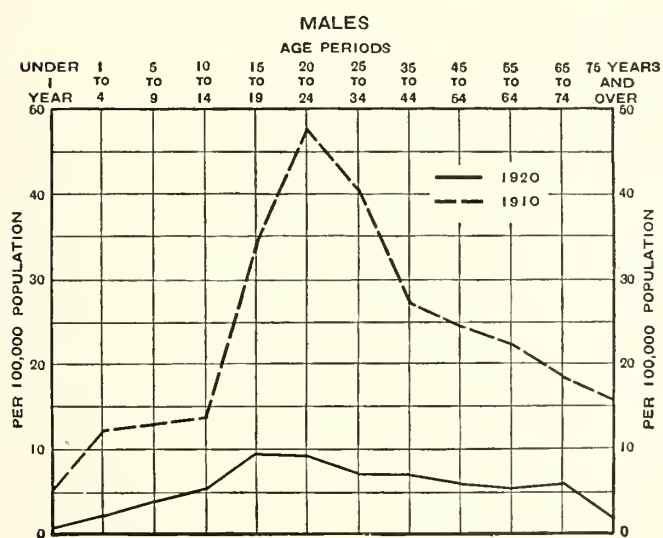
DEATH RATES FROM CERTAIN IMPORTANT CAUSES OF DEATH IN THE REGISTRATION AREA OF THE UNITED STATES  
FOR THE YEARS 1900 AND 1910 TO 1922.



1. DEATH RATES FROM ALL CAUSES PER 1,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

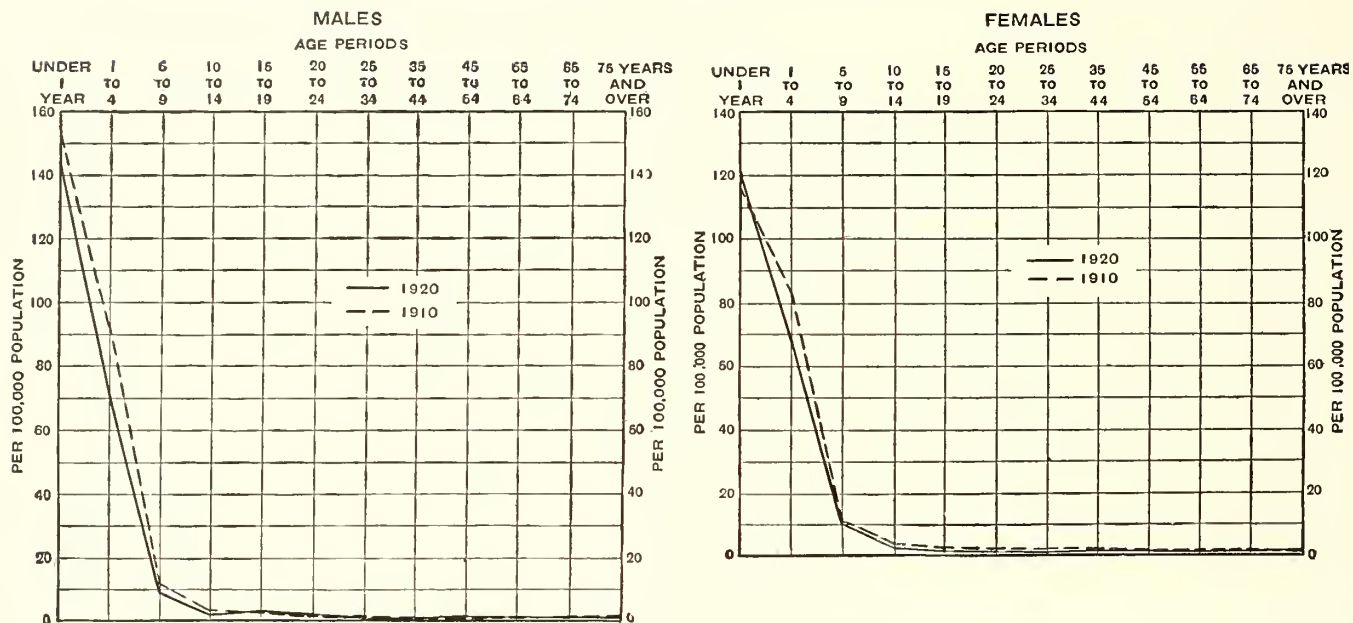


2. DEATH RATES FROM TYPHOID FEVER PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

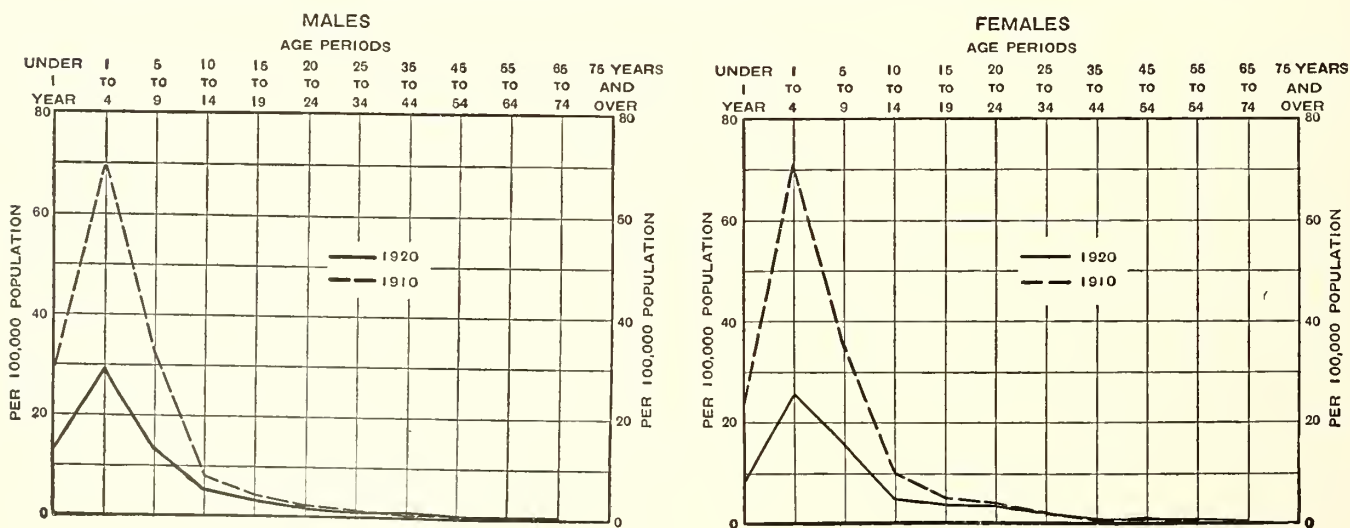




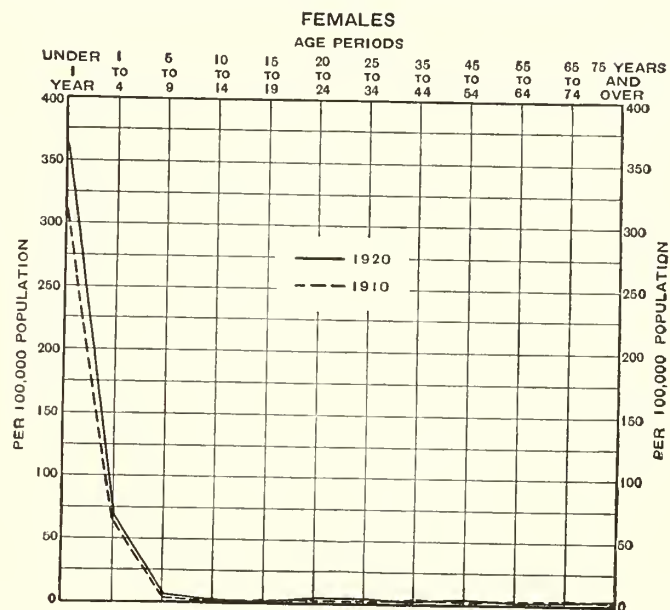
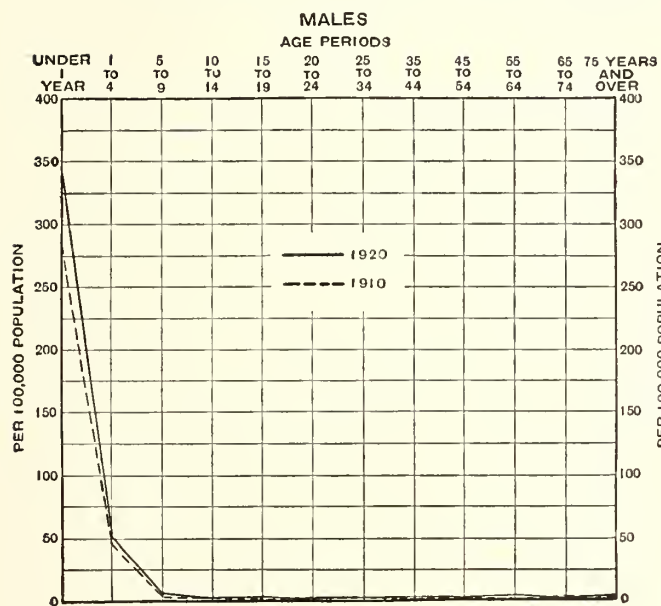
1. DEATH RATES FROM MEASLES PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



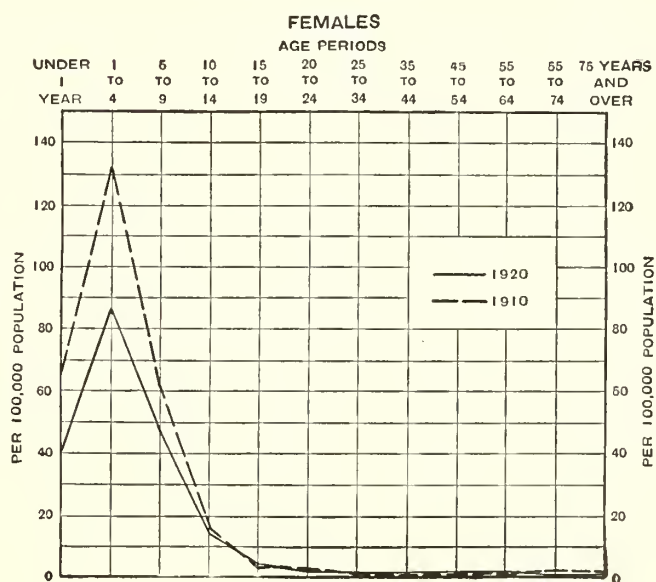
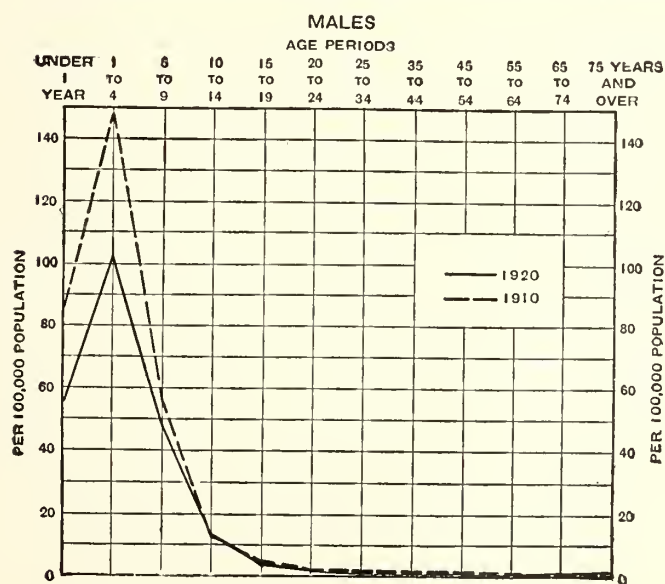
2. DEATH RATES FROM SCARLET FEVER PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



1. DEATH RATES FROM WHOOPING COUGH PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

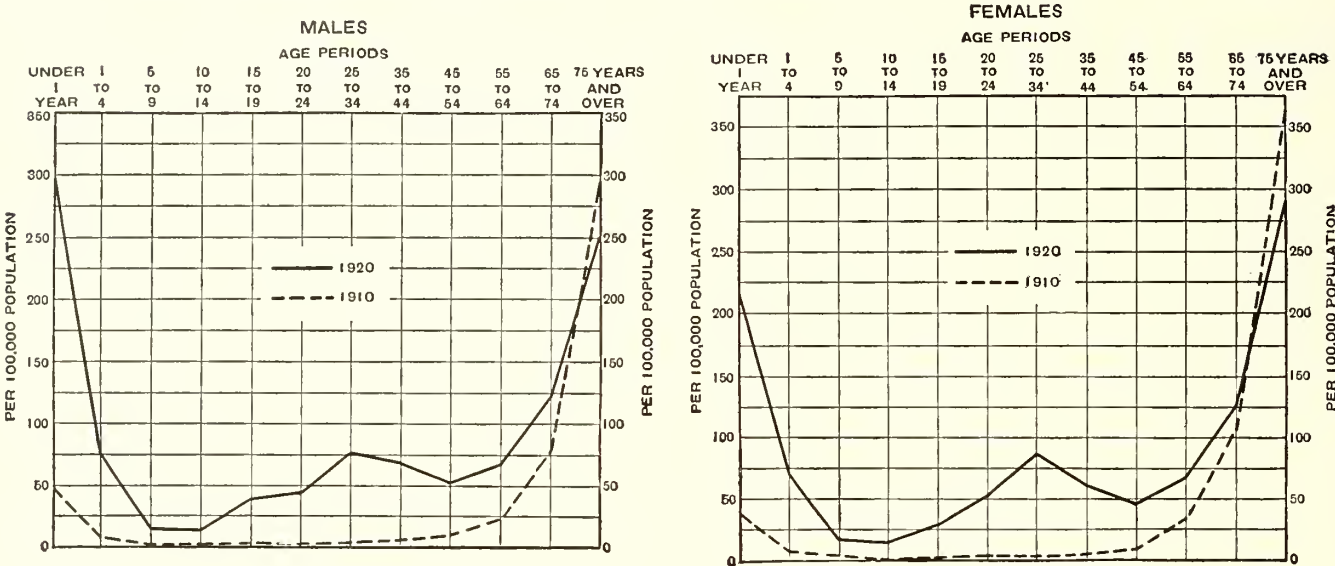


2. DEATH RATES FROM DIPHTHERIA AND CROUP PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

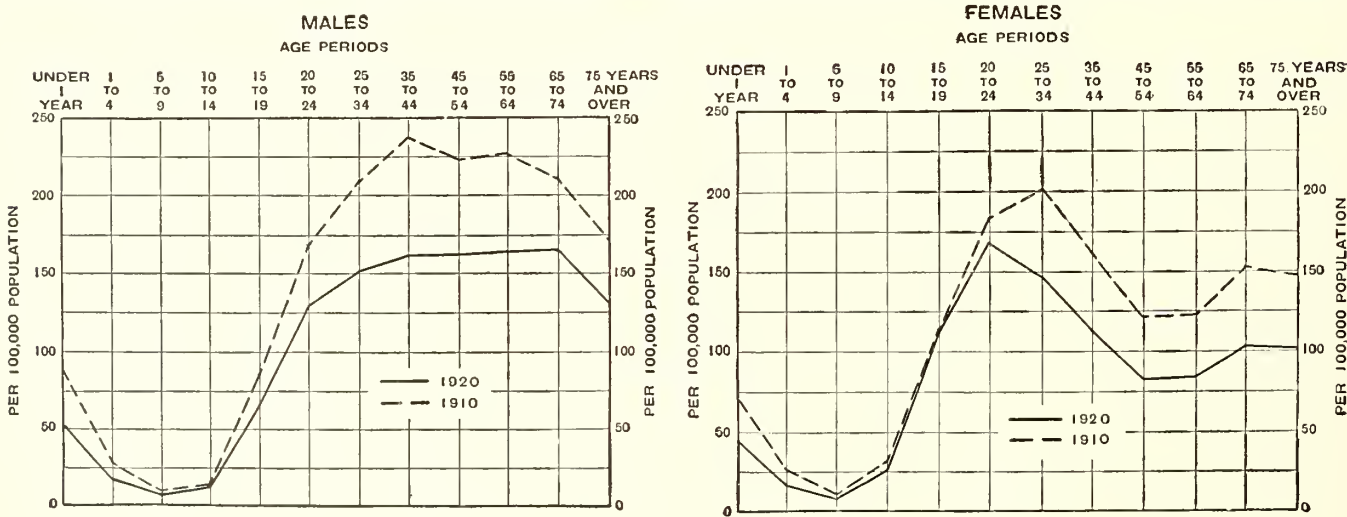




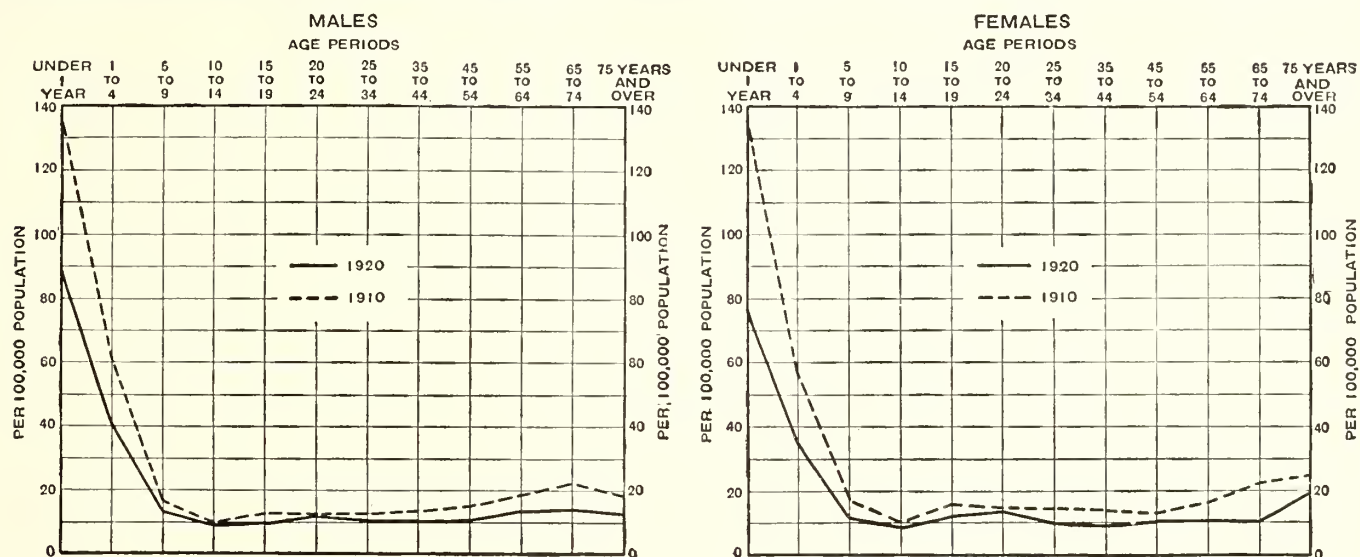
1. DEATH RATES FROM INFLUENZA PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



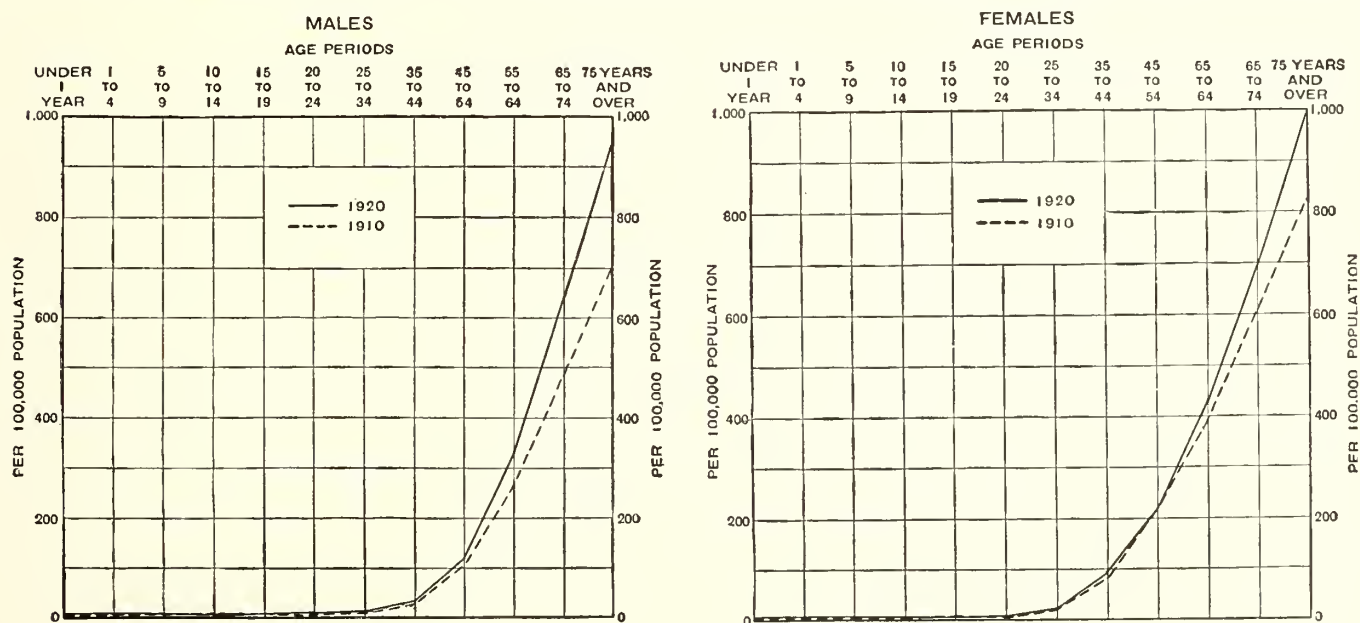
2. DEATH RATES FROM TUBERCULOSIS OF THE LUNGS PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



1. DEATH RATES FROM ALL OTHER FORMS OF TUBERCULOSIS PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

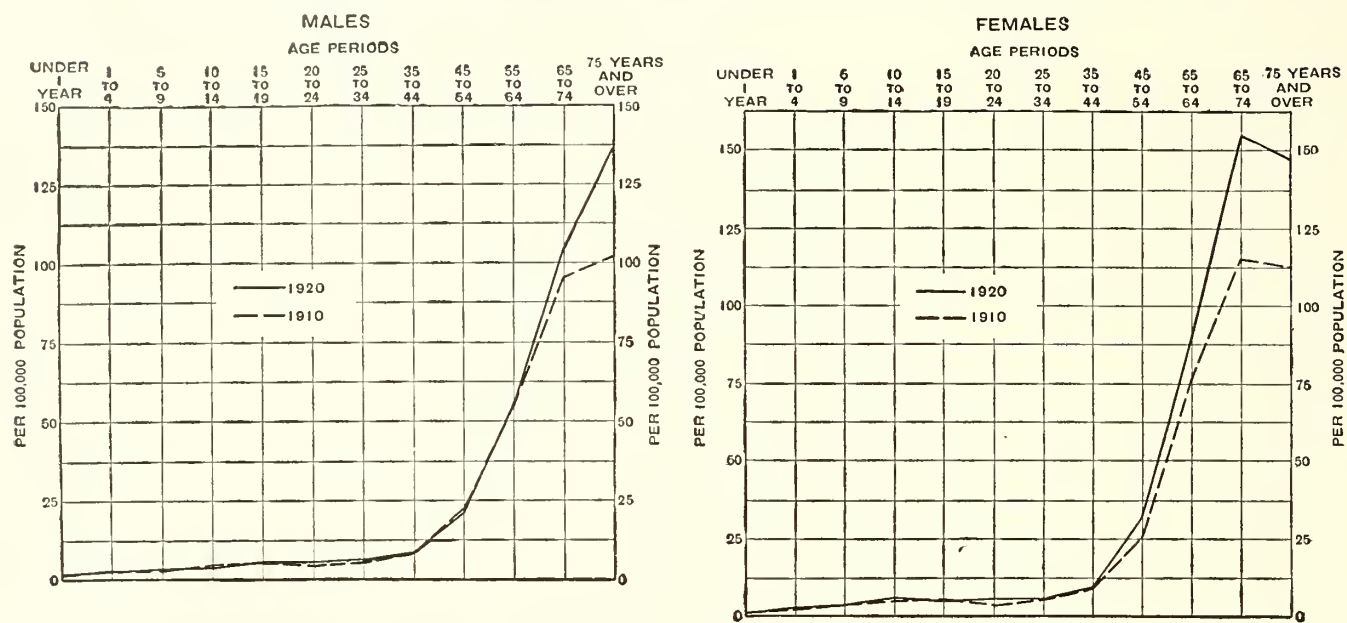


2. DEATH RATES FROM CANCER AND OTHER MALIGNANT TUMORS PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

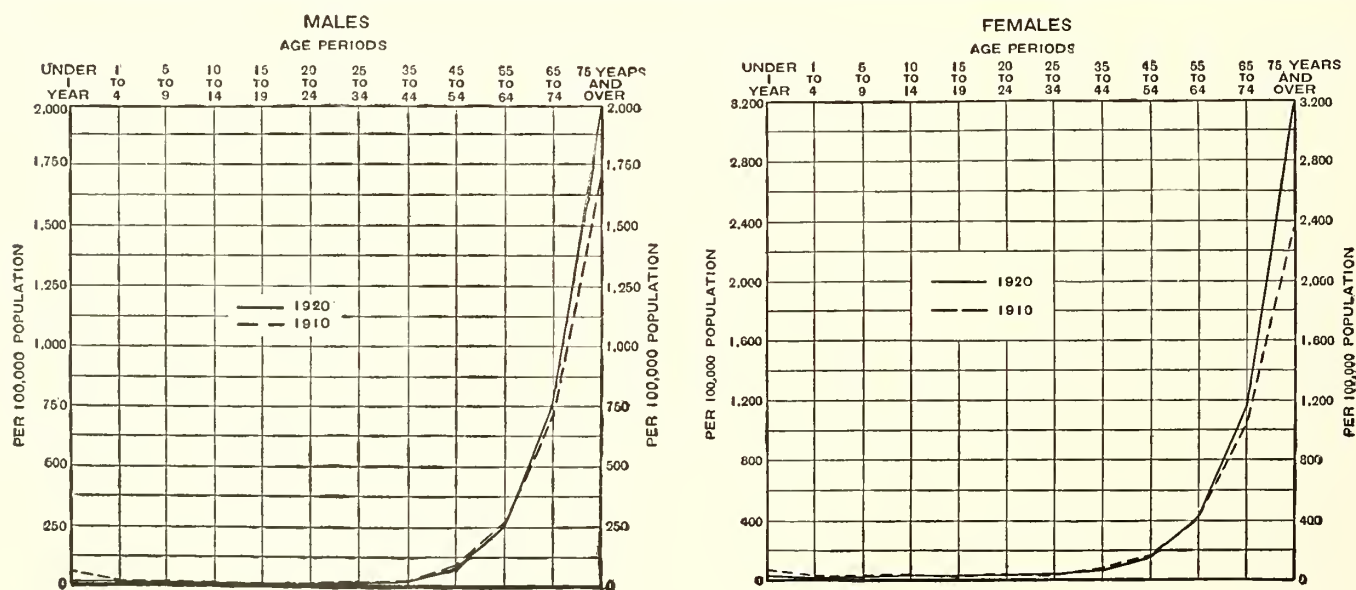




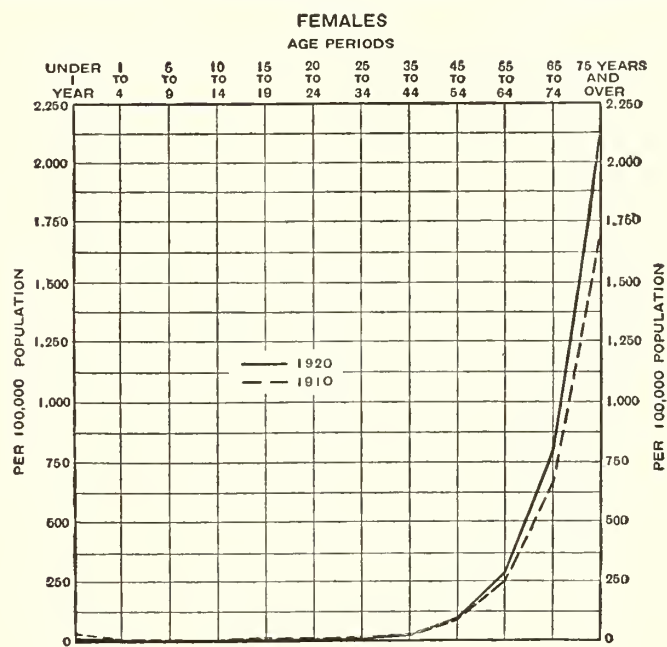
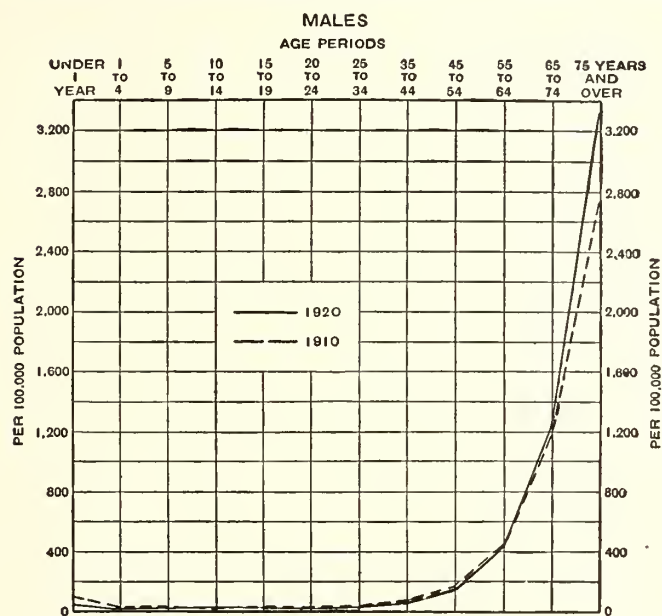
## I. DEATH RATES FROM DIABETES PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



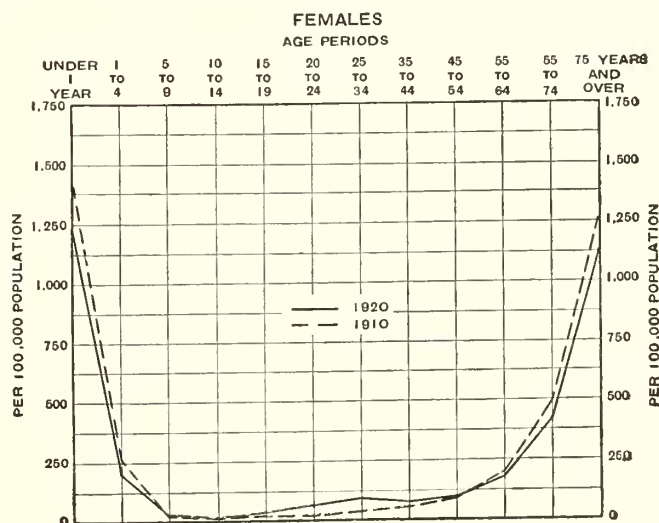
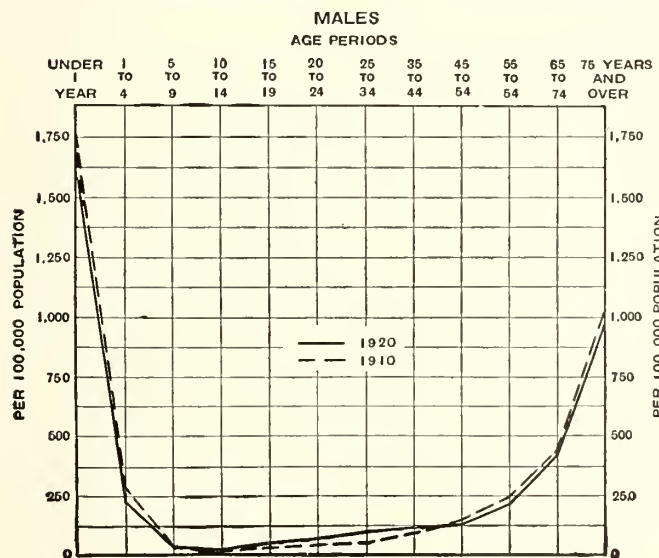
## 2. DEATH RATES FROM CEREBRAL HEMORRHAGE AND SOFTENING PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



## 1. DEATH RATES FROM ORGANIC DISEASES OF THE HEART PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910; 1910 AND 1920.

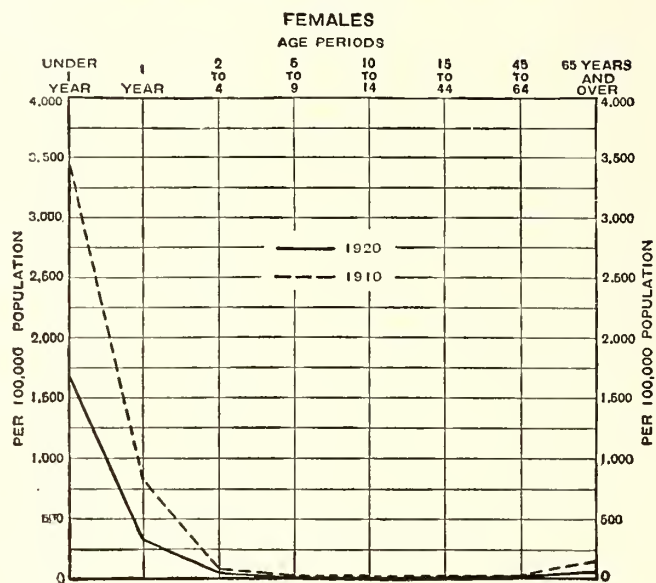
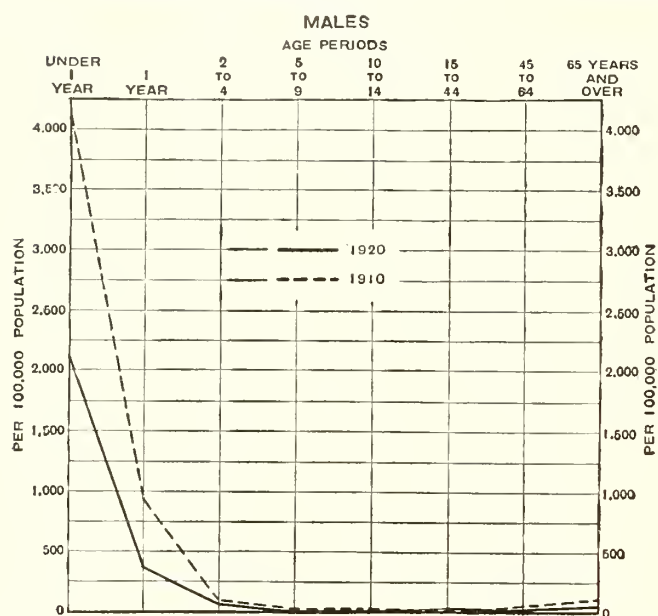


## 2. DEATH RATES FROM PNEUMONIA (ALL FORMS) PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910; 1910 AND 1920.

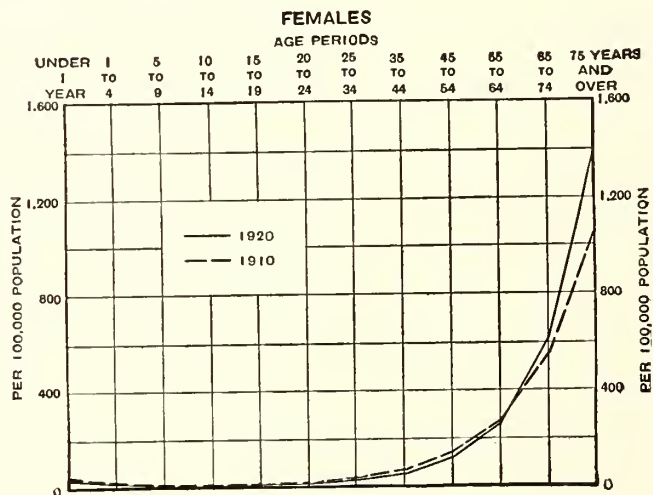
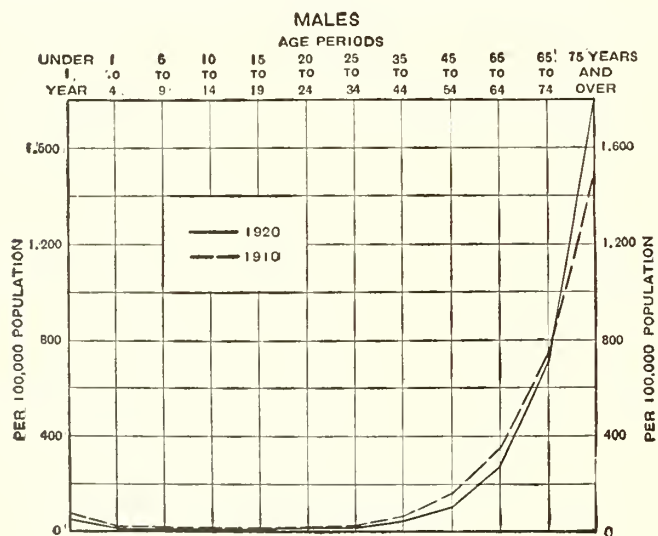




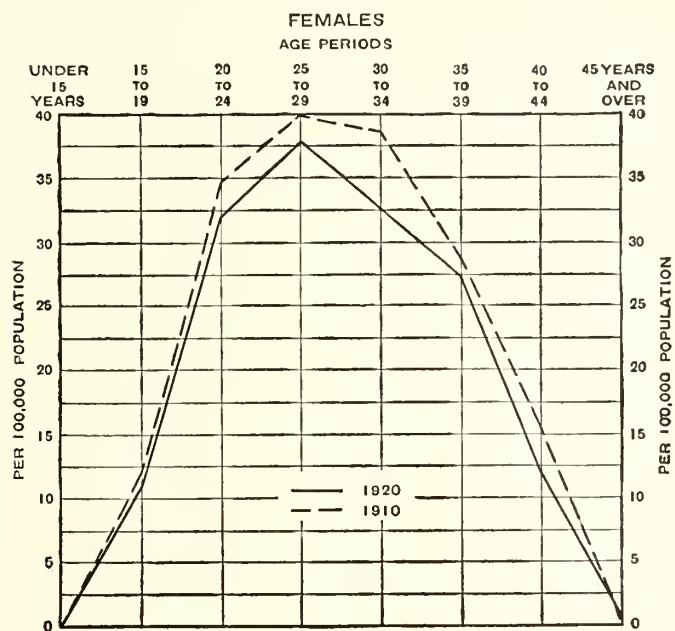
1. DEATH RATES FROM DIARRHEA AND ENTERITIS PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



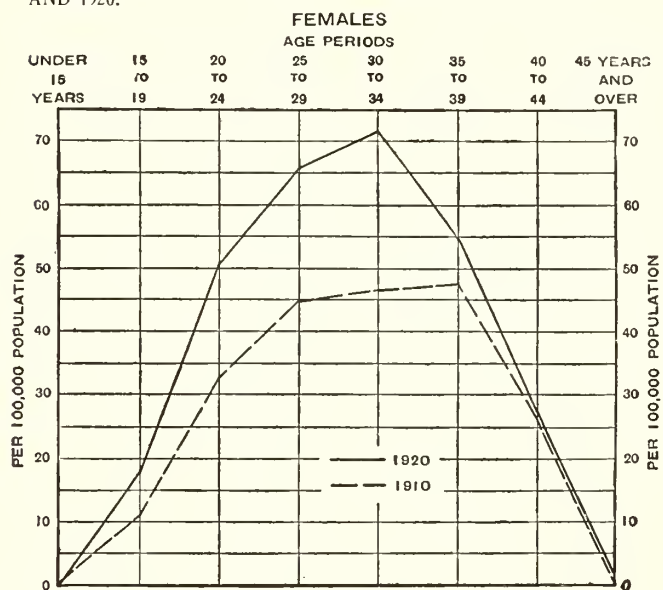
2. DEATH RATES FROM ACUTE NEPHRITIS AND BRIGHT'S DISEASE PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



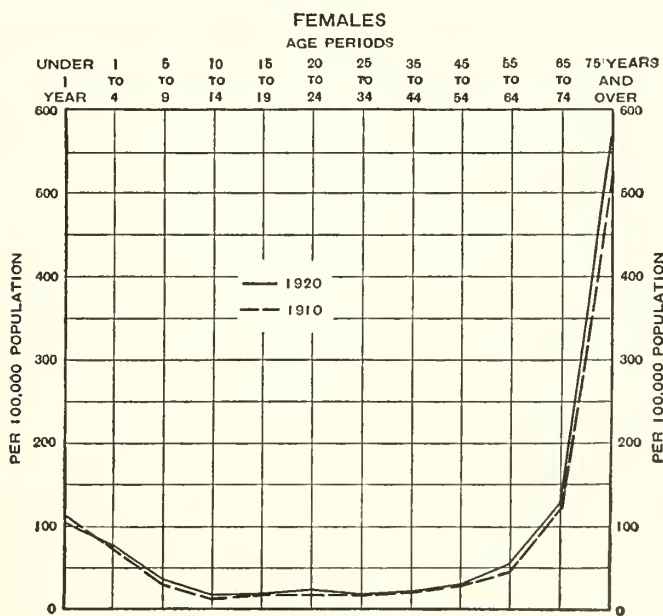
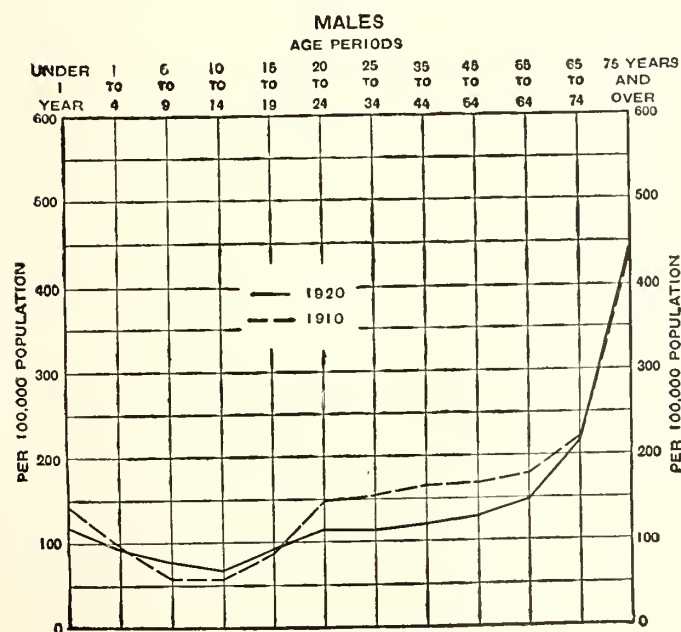
1. DEATH RATES FROM PUERPERAL SEPTICEMIA PER 100,000 FEMALE POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.



2. DEATH RATES FROM ALL OTHER PUERPERAL CAUSES PER 100,000 FEMALE POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

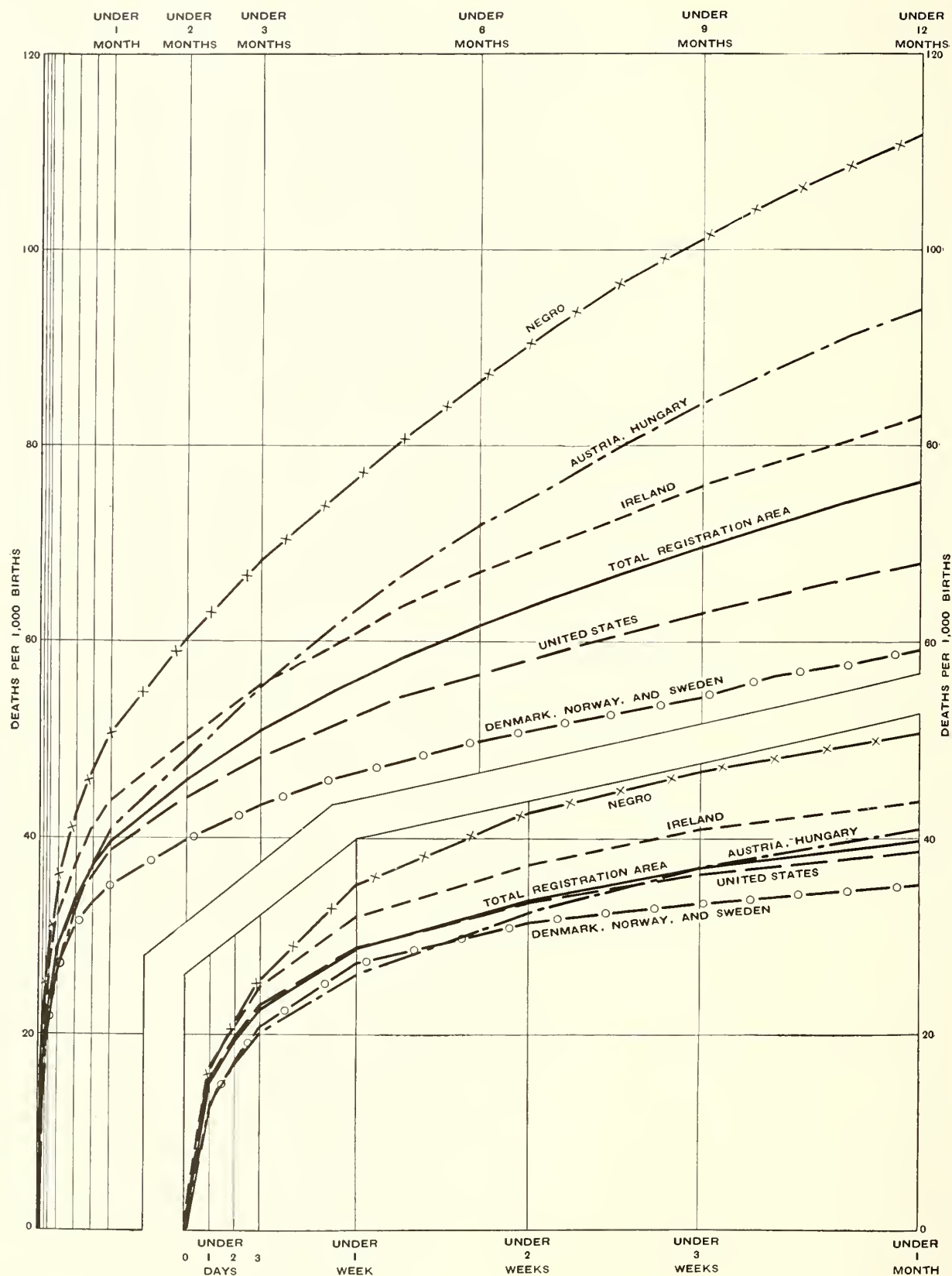


3. DEATH RATES FROM VIOLENT DEATHS (SUICIDE EXCEPTED) PER 100,000 POPULATION IN THE REGISTRATION STATES OF 1910: 1910 AND 1920.

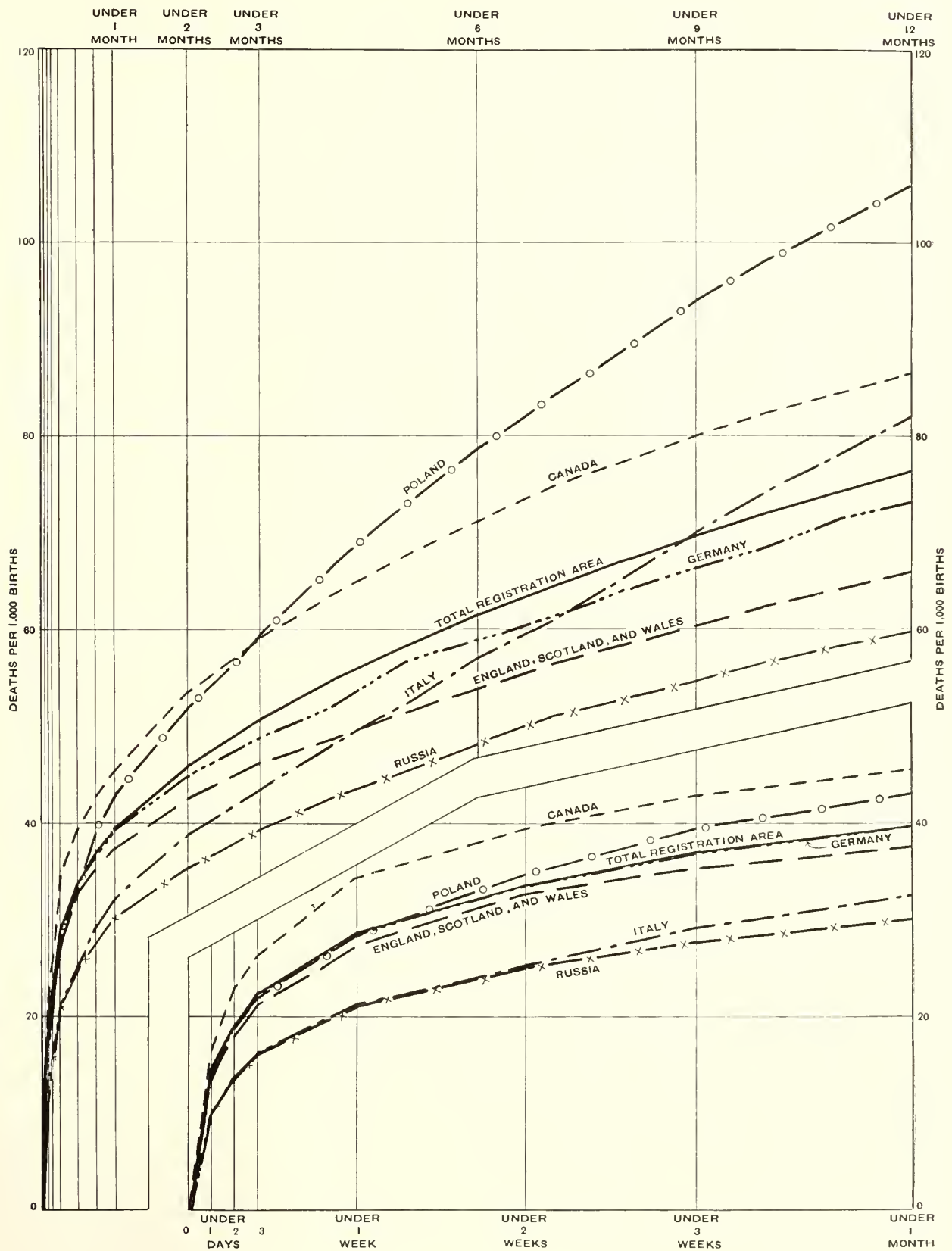




INFANT MORTALITY, BY COUNTRY OF BIRTH OF MOTHER, IN THE REGISTRATION AREA: 1922.



INFANT MORTALITY, BY COUNTRY OF BIRTH OF MOTHER, IN THE REGISTRATION AREA: 1922.







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