

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

SAM. L. ROGERS, DIRECTOR

RESIGNED APRIL 13, 1921

W. M. STEUART, DIRECTOR

APPOINTED APRIL 14, 1921

FOURTEENTH CENSUS OF THE UNITED STATES

STATE COMPENDIUM
RHODE ISLAND

38

STATISTICS OF POPULATION, OCCUPATIONS, AGRICULTURE,
MANUFACTURES, AND MINES AND QUARRIES FOR
THE STATE, COUNTIES, AND CITIES



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DEPARTMENT OF COMMERCE.

HERBERT HOOVER, SECRETARY OF COMMERCE.

BUREAU OF THE CENSUS.

Chief functions.

The taking of the decennial census covering population, agriculture, manufactures, mines and quarries, and forest products. Decennial report on wealth, public debt, and taxation, including principal financial statistics on Federal, state, county, city, and township governments.

Annual financial statistics of state and municipal governments—Sources of revenue, objects of payments, debt and tax levies.

Decennial statistics relating to inmates of institutions, including paupers, insane, prisoners, and juvenile delinquents.

A census of agriculture in each middecennial year, a biennial census of manufactures, a quinquennial census of electrical public utilities, statistics of marriage and divorce.

Annual statistics of births, deaths, causes of death, etc., in the registration area of the United States.

Quarterly statistics of leaf tobacco stocks and of production, stocks, and consumption of fats and oils.

Monthly or semimonthly statistics of cotton ginning; cotton stocks and consumption; the production, stocks, and consumption of hides and leather; the production of shoes; and statistics of active textile machinery and of movements in an increasing number of other industries.

The compilation and publication, in the "Survey of Current Business," of monthly commercial and industrial statistics.

BUREAU OF FOREIGN AND DOMESTIC COMMERCE.

Chief functions.

The compilation of timely information concerning world market conditions and openings for American products in foreign countries secured through commercial attachés and trade commissioners of the Department of Commerce and the foreign service of the Department of State. The distribution of such information to American business through weekly "Commerce reports," special bulletins, confidential circulars, the news and trade press, correspondence, and personal contact.

The maintenance of commodity, technical, and geographical divisions to afford special service to American export industries.

The compilation and distribution of names of possible buyers and agents for American products in all parts of the world and the publication of weekly lists of specific sales opportunities abroad.

The maintenance of district and cooperative offices in many cities in the United States to expedite delivery of market information to business men and to keep the department advised as to the urgent requirements of American trades and industries.

The publication of official statistics on imports and exports.

The study of the processes of domestic trade and commerce, with a view to their improvement and the dissemination of information obtained for the benefit of the public, as well as of those directly concerned.

BUREAU OF STANDARDS.

Chief functions.

Custody of standards of measurement, quality, performance, or practice adopted or recognized by the Government. Development and construction of such standards when necessary. Testing and calibration of apparatus and comparison of standards used by scientific or other institutions with those in the custody of the bureau.

Determination of physical constants and properties of materials.

The testing of materials and the establishment of standards and processes in cooperation with commercial firms or organizations.

Researches covering structural, engineering, and miscellaneous materials, radio, radium, mechanical appliances, sugar technology, leather, paper, rubber, and textiles, clay products, glass, and refractories, metals and metallurgy, and similar groups of subjects.

The collection and dissemination of information showing approved methods in building, planning, and construction, including building materials and codes and such other matters as may encourage, improve, and cheapen construction and housing.

Studies on simplified commercial practices and the establishment of such practices through cooperative business organizations.

The Bureau publishes six series of scientific and technical publications, reporting the results of its researches and giving technical data fundamental to industry.

The Director of the Bureau has supervision of the preparation of technical specifications through the Federal Specifications Board.

BUREAU OF FISHERIES.

Chief functions.

The propagation of useful food fishes, including lobsters, oysters, and other shellfish, and their distribution to suitable waters.

Investigations of fish culture, fish diseases, and for the conservation of fishery resources and the development of commercial fisheries.

The study of the methods of the fisheries and fishery industries and the utilization of fishery products.

The collection of statistics of fisheries.

The administration of the Alaska salmon fisheries and the fur-seal herd on the Pribilof Islands.

The administration of the law for the protection of sponges off the coast of Florida.

BUREAU OF LIGHTHOUSES.

Chief functions.

The establishment and maintenance of lighthouses, lightships, buoys, and other aids to navigation on the sea and the lake coasts and on the rivers of the United States, including Alaska, Hawaiian Islands, and Porto Rico.

The publication of Light Lists, Buoy Lists, and Notices to Mariners, including information regarding all aids to navigation maintained by the Lighthouse Service.

COAST AND GEODETIC SURVEY.

Chief functions.

The survey of the coasts of the United States and the publication of charts needed for the navigation of the adjacent waters, including Alaska, the Philippine Islands, Hawaii, Porto Rico, the Virgin Islands, and the Canal Zone.

A comprehensive geodetic system, extending into the interior, connects and coordinates the surveys of the coasts, and is designed to furnish accurately determined points and elevations in all parts of the country. These are available as a basis for Federal, state, and municipal surveys, and engineering projects of every kind. The magnetic declination has been determined at a large number of stations throughout the country and the results are available for the use of surveyors and engineers.

The technical operations include base measure, triangulation, traverse, precise leveling, the determination of latitude and azimuth, the determination of difference of longitude by telegraph or radio, magnetic observations and researches, the preparation of magnetic maps, the determination of the force of gravity, topography, hydrography, deep-sea soundings, water temperatures, tidal and current observations.

The results are published in the form of charts on various scales, annual reports, coast pilots, tide tables (published annually in advance), current tables, digests of geodetic publications, and special publications.

BUREAU OF NAVIGATION.

Chief functions.

General superintendence of commercial marine and merchant seamen.

Supervision of registering, enrolling, licensing, numbering, etc., of vessels under the United States flag and the annual publication of a list of such vessels.

The enforcement of the navigation and steamboat inspection laws and the laws governing radio communication, as well as duties connected with fees, fines, tonnage taxes, refunds, etc., originating under such laws.

STEAMBOAT INSPECTION SERVICE.

Chief functions.

The inspection of vessels, the licensing of the officers of vessels, and the administration of laws relating to such vessels and their officers.

The certification of able seamen who form the crews of merchant vessels.

The inspection of vessels, including the types of boilers; the testing of all materials subject to tensile strain in marine boilers; the inspection of hulls and of life-saving equipment.

Circulars listing the publications of the various bureaus will be mailed on application to the bureau.

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SUMMARY FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES,

POPULATION, JAN. 1, 1920.															
DIVISION AND STATE.		POPULATION, BY SEX.			NATIVE WHITE POPULATION.		FOREIGN-BORN WHITE POPULATION.		NEGRO POPULATION.		POPULATION 7 TO 20 YEARS OF AGE.		POPULATION 10 YEARS OF AGE AND OVER.		
		Total. ¹	Male.	Female.	Native parentage.	Foreign or mixed parentage.	Number.	Per cent of total.	Number.	Per cent of total.	Total.	Attending school.	Total.	Illiterate.	
														Num-ber.	Per cent.
1	United States..	2105,710,620	53,900,431	51,810,189	58,421,957	22,688,204	13,712,754	13.0	10,463,131	9.9	28,564,716	19,451,851	82,739,315	4,931,905	6.0
2	GEOGRAPHIC DIVS.: New England..	7,400,909	3,672,591	3,728,318	2,803,149	2,642,276	1,870,654	25.3	79,051	1.1	1,793,290	1,223,623	5,945,989	289,700	4.9
3	Middle Atlantic..	22,261,144	11,206,445	11,054,699	9,681,012	7,038,263	4,012,575	22.1	600,183	2.7	5,527,757	3,746,500	17,686,354	865,382	4.9
4	E. North Central..	21,475,543	11,035,041	10,440,502	11,790,370	5,925,213	3,223,279	15.0	514,554	2.4	5,350,637	3,728,706	17,130,786	495,470	2.9
5	W. North Central..	12,544,249	6,459,087	6,085,162	7,475,548	3,377,878	1,371,961	10.9	278,521	2.2	3,393,143	2,420,029	9,889,740	193,221	2.0
6	South Atlantic..	13,990,372	7,035,543	6,954,829	8,779,416	553,604	315,920	2.3	4,325,120	30.9	4,323,020	2,818,406	10,513,447	1,212,942	11.5
7	E. South Central..	8,893,307	4,471,680	4,421,617	6,092,782	202,826	71,939	0.8	2,523,532	28.4	2,818,595	1,858,659	6,677,229	845,459	12.7
8	W. South Central..	10,242,224	5,265,529	4,976,695	6,959,785	696,609	459,333	4.5	2,063,579	20.1	3,259,000	2,097,596	7,739,536	773,937	10.0
9	Mountain..	3,336,101	1,784,239	1,551,862	2,002,508	757,166	453,225	13.6	30,801	0.9	890,406	650,638	2,564,463	132,659	5.2
10	Pacific..	5,566,871	2,964,626	2,602,245	2,887,387	1,432,379	1,033,808	18.6	47,790	0.9	1,227,268	900,734	4,611,771	123,435	2.7
11	NEW ENGLAND: Maine..	768,014	388,752	379,262	495,780	162,556	107,849	14.0	1,310	0.2	188,822	134,209	621,233	20,240	3.3
12	New Hampshire..	443,083	222,112	220,971	225,512	125,586	91,233	20.6	621	0.1	104,581	73,063	361,930	15,788	4.4
13	Vermont..	352,428	178,554	173,874	228,325	78,966	44,526	12.6	572	0.2	87,302	62,544	284,472	8,488	3.0
14	Massachusetts..	3,852,356	1,890,014	1,962,342	1,230,773	1,495,217	1,077,534	28.0	45,496	1.2	907,212	633,124	3,106,769	146,607	4.7
15	Rhode Island..	604,307	297,524	306,783	173,553	240,823	173,499	28.7	10,036	1.7	149,774	95,499	483,788	31,812	6.5
16	Connecticut..	1,380,631	695,335	685,296	449,206	533,013	370,513	27.3	21,046	1.5	330,599	225,094	1,087,797	67,265	6.2
17	MIDDLE ATLANTIC: New York..	10,385,227	5,187,350	5,197,877	3,668,266	3,717,649	2,786,112	26.8	198,483	1.9	2,461,306	1,656,905	8,402,786	425,022	5.1
18	New Jersey..	3,155,900	1,590,075	1,565,825	1,212,675	1,085,799	738,613	23.4	117,132	3.7	780,040	525,079	2,494,246	127,661	5.1
19	Pennsylvania..	8,720,017	4,420,020	4,299,997	4,750,071	2,294,805	1,387,850	15.0	284,568	3.3	2,280,411	1,563,076	6,709,322	312,699	4.6
20	E. NORTH CENTRAL: Ohio..	5,759,394	2,955,980	2,803,414	3,669,122	1,224,074	678,697	11.8	186,187	3.2	1,386,799	989,417	4,624,456	131,006	2.8
21	Indiana..	2,930,390	1,489,074	1,441,316	2,329,544	368,659	150,868	5.1	80,810	2.8	745,281	515,237	2,356,214	52,034	2.2
22	Illinois..	6,485,280	3,304,833	3,180,447	3,066,593	2,025,819	1,206,851	18.6	182,274	2.8	1,619,847	1,108,216	5,184,943	173,957	3.4
23	Michigan..	3,068,412	1,528,436	1,539,976	1,670,447	1,204,545	726,638	19.8	90,082	1.6	893,744	626,105	2,806,006	88,046	3.0
24	Wisconsin..	2,932,067	1,356,718	1,575,349	1,054,694	1,102,116	460,128	17.5	5,201	0.2	704,966	480,671	2,099,567	50,397	2.4
25	W. NORTH CENTRAL: Minnesota..	2,387,125	1,245,537	1,141,588	827,627	1,055,145	486,164	20.4	8,809	0.4	643,287	451,096	1,877,132	34,487	1.8
26	Iowa..	2,404,021	1,220,392	1,174,020	1,528,553	629,881	225,647	9.4	19,005	0.8	627,248	454,078	1,913,155	20,680	1.1
27	Missouri..	3,404,055	1,723,319	1,680,736	2,536,936	502,082	189,026	5.5	178,241	5.2	901,604	624,395	2,737,771	83,403	3.0
28	North Dakota..	646,572	341,673	305,199	207,966	300,485	131,603	20.3	467	0.1	198,020	140,280	470,210	9,937	2.1
29	South Dakota..	636,547	337,120	299,427	308,668	228,158	82,891	12.9	832	0.1	181,271	131,043	482,195	8,109	1.7
30	Nebraska..	1,298,372	672,805	625,567	757,004	372,603	149,652	11.5	13,242	1.0	358,143	256,961	1,012,552	13,784	1.4
31	Kansas..	1,769,257	909,221	860,036	1,308,804	289,524	110,578	6.2	57,025	3.3	483,480	356,107	1,396,725	22,821	1.6
32	SOUTH ATLANTIC: Delaware..	223,003	113,755	109,248	139,676	32,929	19,810	8.9	30,335	13.6	54,739	37,769	178,930	10,508	5.9
33	Maryland..	1,449,661	729,455	720,206	893,088	209,472	102,177	7.0	244,479	16.9	381,106	246,056	1,158,953	64,434	5.6
34	Dist. Columbia..	437,571	203,543	234,028	239,488	58,824	25,548	6.5	109,968	25.1	89,931	58,005	377,295	10,509	2.8
35	Virginia..	2,309,187	1,168,492	1,140,695	1,534,494	52,630	30,785	1.3	690,017	29.9	709,980	460,037	1,748,868	195,159	11.2
36	West Virginia..	1,463,701	763,100	730,601	1,232,857	82,472	61,906	4.2	86,345	5.9	437,703	267,044	1,083,395	69,413	6.4
37	North Carolina..	2,559,123	1,279,062	1,280,061	1,765,203	11,477	7,089	0.3	763,407	29.8	899,574	576,239	1,844,673	241,003	13.1
38	South Carolina..	1,683,724	838,293	845,431	799,418	12,719	6,401	0.4	884,710	51.4	576,584	393,077	1,219,316	220,667	18.1
39	Georgia..	2,895,832	1,444,823	1,451,009	1,642,697	30,231	16,186	0.6	1,206,305	41.7	953,304	570,386	2,150,230	328,838	15.3
40	Florida..	968,470	495,320	473,150	532,295	62,850	43,008	4.4	320,487	34.0	280,719	179,803	751,787	71,811	9.6
41	E. SOUTH CENTRAL: Kentucky..	2,418,630	1,227,494	1,189,136	2,039,134	110,646	30,780	1.3	235,938	9.8	717,667	480,526	1,837,434	155,014	8.4
42	Tennessee..	2,337,885	1,173,967	1,163,918	1,832,757	37,758	15,478	0.7	451,758	19.3	724,688	488,543	1,770,762	182,629	10.3
43	Alabama..	2,348,174	1,173,105	1,175,069	1,394,129	35,241	17,662	0.8	900,652	38.4	774,048	499,888	1,730,421	278,082	16.1
44	Mississippi..	1,790,618	897,124	893,494	826,762	19,181	8,019	0.4	935,184	52.2	602,192	389,702	1,338,612	229,734	17.2
45	W. SOUTH CENTRAL: Arkansas..	1,752,204	895,228	856,976	1,226,692	39,090	13,975	0.8	472,220	27.0	569,870	375,115	1,302,905	121,837	9.4
46	Louisiana..	1,798,509	903,335	895,174	941,724	110,016	44,871	2.5	700,257	38.9	574,202	327,546	1,366,096	299,092	21.9
47	Oklahoma..	2,028,283	1,058,044	970,239	1,679,107	102,119	30,968	2.0	149,408	7.4	647,939	444,247	1,513,951	56,804	3.8
48	Texas..	4,663,228	2,409,222	2,254,006	3,112,262	445,384	360,510	7.7	741,694	15.9	1,466,989	950,688	3,556,614	295,844	8.3
49	MOUNTAIN: Montana..	548,889	299,941	248,948	275,803	164,837	93,620	17.1	1,658	0.3	135,880	102,621	421,443	9,544	2.3
50	Idaho..	431,866	233,910	197,947	294,252	92,453	38,993	9.0	920	0.2	122,278	95,027	326,051	4,924	1.5
51	Wyoming..	194,402	110,359	84,043	122,884	42,007	25,255	13.0	1,875	0.7	47,474	34,387	150,993	3,149	2.1
52	Colorado..	939,629	492,731	446,898	603,041	204,108	116,954	12.4	11,318	1.2	239,926	175,745	747,485	24,208	3.2
53	New Mexico..	360,350	190,456	169,894	273,317	32,279	29,077	8.1	5,733	1.6	109,738	75,119	267,595	41,637	15.6
54	Arizona..	334,162	183,602	150,560	151,145	62,205	78,099	23.4	8,005	2.4	89,464	54,387	255,461	39,131	15.3
55	Utah..	449,396	232,612	217,345	245,781	139,665	56,455	12.6	1,446	0.3	136,039	107,905	331,530	6,264	1.9
56	Nevada..	77,407	46,240	31,167	36,285	19,612	14,802	19.1	346	0.4	15,601	11,444	63,905	3,802	5.9
57	PACIFIC: Washington..	1,356,621	734,701	621,920	711,706	358,016	250,055	18.4	6,883	0.5	321,410	238,012	1,101,929	18,526	1.7
58	Oregon..	783,389	416,334	367,055	497,726	169,269	102,151	13.0	2,144	0.3	187,704	141,613	638,987	9,317	1.5
59	California..	3,426,861	1,813,591	1,613,270	1,677,955	906,094	681,662	19.9	38,763	1.1	718,154	521,109	2,870,855	95,592	3.3

¹ The number of whites and Negroes is less than total population, because of the inclusion in the total of other nonwhites (Indians, Chinese, Japanese, and "all other").
² Continental United States only. The total population of the United States, including outlying possessions, is 117,823,165, as follows: Continental United States, 105,710,620; Alaska, 55,936; Hawaii, 255,912; Porto Rico, 1,299,809; American Samoa, 8,056; Guam, 13,275; Panama Canal Zone, 22,858; Philippine Islands, 10,814,310 (Dec. 31, 1918); Virgin Islands, 26,051 (Nov. 1, 1917); military and naval, etc., services abroad, 117,238.

FOR POPULATION, AGRICULTURE, MANUFACTURES, AND MINES AND QUARRIES.

[Table continued on following page.]

POPULATION, JAN. 1, 1920.									AGRICULTURE.							
POPULATION 21 YEARS OF AGE AND OVER.									LAND IN FARMS, 1920							
All classes.			Native white.	Foreign-born white.			Negro.		Farm population, 1920	Number of farms, 1920	Per cent operated by tenants.	Total (acres).	Average per farm.	Improved (acres).	Per cent improved.	
Total.	Illiterate.			Total.	Naturalized.	Per cent illiterate.	Total.	Per cent illiterate.								
	Number.	Per cent.														
60,886,520	4,333,111	7.1	42,614,741	12,498,720	6,208,697	13.7	5,522,475	27.4	31,614,269	6,448,343	38.1	955,883,715	148.2	503,073,007	52.6	1
4,591,477	280,826	6.1	2,829,337	1,705,291	755,527	14.8	52,315	8.5	625,877	156,564	7.4	16,990,642	108.5	6,114,601	36.0	2
13,451,656	843,582	6.3	8,549,966	4,477,752	2,024,619	10.7	409,441	6.0	1,892,789	425,147	20.7	40,572,901	95.4	26,562,107	65.5	3
13,026,595	480,238	3.7	9,076,916	2,978,575	1,576,667	11.4	356,341	8.7	4,913,033	1,084,744	28.1	117,736,179	108.5	87,894,835	74.7	4
7,278,548	180,016	2.5	6,777,876	1,261,794	874,132	6.5	157,865	12.5	5,171,590	1,090,951	34.2	256,973,229	234.3	171,994,439	66.7	5
7,212,523	1,006,764	14.0	4,805,500	287,215	131,423	13.5	2,111,952	31.5	6,416,998	1,158,976	40.8	97,775,243	84.4	48,509,886	49.6	6
4,523,944	700,098	15.5	3,171,417	67,242	38,335	9.3	1,284,009	34.1	5,182,937	1,051,600	49.7	73,897,403	75.0	44,380,132	56.3	7
5,243,779	611,393	11.7	3,790,823	357,220	114,258	29.1	1,062,244	30.6	5,228,199	990,088	52.9	173,449,127	174.1	64,189,606	37.0	8
1,888,921	113,384	6.0	1,421,859	394,008	210,864	12.7	23,881	5.8	1,168,307	244,109	15.4	117,337,226	480.7	30,105,868	25.7	9
8,670,077	116,240	3.2	2,584,988	939,623	482,872	8.8	34,367	5.4	1,014,173	234,164	20.1	56,152,705	239.8	23,921,533	42.0	10
475,191	18,572	3.9	379,356	94,329	40,479	12.0	876	6.8	197,601	48,227	4.2	5,425,968	112.5	1,977,329	36.4	11
281,026	15,257	5.4	198,481	82,049	36,621	16.4	388	7.7	70,021	20,523	0.7	2,603,806	120.9	702,902	27.0	12
217,042	8,152	3.8	178,442	35,232	19,825	12.5	342	8.2	125,263	29,075	11.6	4,236,811	145.7	1,691,595	39.9	13
2,411,507	142,750	5.9	1,389,441	988,913	441,416	13.5	30,412	8.2	118,554	32,001	7.1	2,494,477	77.9	908,834	36.4	14
368,637	30,319	8.2	204,616	156,866	78,175	17.5	6,554	12.5	15,136	4,083	15.5	331,600	81.2	132,855	40.1	15
838,074	65,770	7.8	478,701	344,902	139,011	18.1	13,743	7.5	93,302	22,655	8.5	1,898,980	83.8	701,086	36.9	16
6,514,681	415,359	6.4	3,832,852	2,528,497	1,153,813	15.2	142,544	3.4	800,747	193,195	10.2	20,632,803	106.8	13,158,781	63.8	17
1,897,884	124,358	6.6	1,145,606	675,222	305,516	16.3	75,671	7.5	143,708	29,702	23.0	2,282,585	76.8	1,556,007	68.2	18
5,039,091	303,865	6.0	3,571,608	1,274,033	568,290	20.1	191,226	7.3	948,334	202,250	21.9	17,657,513	87.3	11,847,719	67.1	19
3,558,481	126,645	3.6	2,807,874	922,523	293,535	13.4	126,940	9.7	1,139,329	256,695	20.5	23,515,888	91.6	13,542,353	78.9	20
1,779,820	50,147	2.8	1,585,076	140,373	63,637	12.4	53,935	11.7	907,295	205,126	32.0	21,063,332	102.7	16,680,212	79.2	21
3,944,197	169,127	4.3	2,694,677	1,117,928	639,446	11.7	128,450	7.9	1,098,262	237,181	42.7	31,974,775	134.8	27,204,533	85.4	22
2,216,436	85,613	3.9	1,604,907	663,160	330,958	10.5	45,407	4.9	848,710	196,447	17.7	19,032,601	90.9	12,925,521	67.9	23
1,527,601	48,708	3.2	1,084,382	434,591	249,161	8.8	3,609	4.8	920,037	189,295	14.4	22,148,223	117.0	12,452,216	56.2	24
1,880,834	32,869	2.4	906,810	402,582	319,390	5.6	6,666	3.5	897,181	178,478	24.7	30,221,758	100.3	21,481,710	71.1	25
1,428,682	19,444	1.4	1,201,080	214,479	153,271	5.0	12,568	9.9	984,799	213,439	41.7	38,474,896	156.8	28,600,951	85.5	26
2,038,814	77,348	3.8	1,743,313	173,551	104,448	10.0	121,328	14.3	1,211,346	263,004	28.8	34,774,670	132.2	24,832,966	71.4	27
3,222,918	9,373	2.9	198,345	121,047	91,187	5.9	336	4.8	394,500	77,690	25.6	36,214,751	464.1	24,603,178	67.8	28
344,846	7,640	2.2	257,595	78,027	55,164	4.9	520	0.7	362,221	74,637	34.9	34,630,491	460.1	18,190,250	52.5	29
738,310	12,972	1.8	585,753	140,899	89,783	6.6	9,437	5.7	584,172	124,417	42.9	42,225,475	339.4	23,109,624	54.7	30
1,024,144	20,970	2.0	884,979	101,209	60,889	10.2	37,010	11.2	737,377	165,286	40.4	45,425,179	274.8	30,600,760	67.4	31
136,521	10,088	7.4	100,114	18,245	8,027	18.2	18,113	24.6	51,212	10,140	39.3	944,511	93.1	653,052	69.1	32
862,391	58,877	6.8	626,388	93,624	49,764	14.3	141,991	22.2	279,225	47,908	28.9	4,757,999	99.3	3,130,728	65.9	33
305,255	10,190	3.3	204,804	26,376	14,712	6.4	73,448	10.7	894	204	41.7	5,668	27.8	4,258	75.1	34
1,207,074	162,376	13.5	827,272	27,851	14,057	7.5	351,231	29.3	1,064,417	186,242	25.6	18,651,112	99.7	9,460,492	51.0	35
752,344	61,468	8.2	645,641	55,465	14,141	25.4	51,145	18.9	477,924	87,289	16.2	9,660,790	100.0	5,520,308	57.7	36
1,210,727	204,492	16.9	856,567	6,488	3,235	7.0	342,756	32.4	1,501,227	269,763	43.5	20,021,736	74.2	3,198,409	40.9	37
779,991	179,432	23.0	396,855	5,941	3,062	6.5	376,930	38.7	1,074,693	192,693	64.5	12,423,675	64.5	0,184,159	49.8	38
1,421,606	201,294	18.4	831,173	14,855	8,316	5.6	575,330	35.8	1,685,213	310,732	60.0	25,441,061	81.0	13,056,209	51.3	39
536,614	58,497	10.9	316,746	38,370	16,100	6.6	181,008	24.8	281,893	54,005	25.3	6,046,691	112.0	2,297,271	38.0	40
1,289,496	136,235	10.6	1,116,037	29,488	18,493	7.5	143,881	26.4	1,304,862	270,626	33.4	21,612,772	70.9	13,975,746	64.7	41
1,214,947	153,183	12.6	955,125	14,319	7,708	8.7	245,395	26.9	1,271,708	252,774	41.1	19,610,856	77.2	11,185,302	57.3	42
1,143,395	228,565	20.0	685,926	16,105	8,503	11.3	441,130	38.8	1,335,885	256,099	57.9	19,676,856	76.4	9,893,407	50.5	43
876,106	182,135	20.8	414,829	7,330	3,631	13.4	453,663	35.9	1,270,482	272,101	66.1	18,196,979	66.9	9,325,677	51.2	44
867,292	99,413	11.5	611,737	13,166	7,569	8.3	242,234	26.5	1,147,049	232,604	51.3	17,456,750	75.0	9,210,556	52.8	45
924,184	229,980	24.9	522,789	41,228	15,196	22.6	359,251	43.8	786,050	135,463	57.1	10,019,822	74.0	5,626,226	56.2	46
1,021,588	48,076	4.7	884,745	30,108	19,372	13.4	76,331	16.4	1,017,327	191,088	51.0	31,951,934	166.4	18,125,321	56.7	47
2,430,715	233,894	9.6	1,777,552	266,718	72,121	33.3	384,428	23.4	2,277,773	436,033	53.3	114,020,621	261.5	31,227,503	27.4	48
320,562	9,071	2.8	226,355	85,709	56,627	6.0	1,262	6.7	225,667	57,677	11.8	35,070,656	608.1	11,007,278	31.4	49
234,076	4,510	1.9	193,818	36,170	23,894	6.6	699	5.9	200,902	42,106	15.9	8,375,873	198.9	4,511,680	53.9	50
115,739	2,940	2.5	89,625	23,057	12,008	9.2	1,065	6.1	67,306	15,748	12.5	11,809,351	749.9	2,102,005	17.8	51
564,529	22,080	3.9	448,781	105,017	62,313	12.8	8,106	7.4	206,073	59,934	23.0	24,462,014	408.1	7,744,757	31.7	52
185,186	34,952	18.9	149,224	21,938	5,881	28.6	4,809	4.4	161,440	29,844	12.2	24,409,633	817.9	1,717,224	7.0	53
187,929	30,636	16.3	108,656	55,973	10,708	28.6	6,569	4.8	90,560	9,975	18.1	5,802,126	581.7	712,803	12.3	54
228,682	5,679	2.5	171,375	52,254	33,192	6.5	1,104	5.0	140,249	25,662	10.9	5,050,410	196.8	1,715,380	34.0	55
52,218	3,516	6.7	34,025	13,895	6,236	8.5	2									

SUMMARY FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES,

Table continued from preceding page.

DIVISION AND STATE.	AGRICULTURE—Continued.								
	VALUE OF FARM PROPERTY: 1920				VALUE OF FARM PRODUCTS: 1919				
	Total.	Land and buildings.	Implements and machinery.	Livestock.	Total (gross value). ¹	Live-stock products. ²	Domestic animals sold, etc. ³	Crops.	Miscellaneous products. ⁴
	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
1 United States	77,924,100,838	66,316,002,602	3,594,772,928	8,013,324,808	21,428,623,614	2,667,072,273	3,511,050,000	14,755,364,894	492,136,447
2 GEOGRAPHIC DIVISIONS:									
3 New England.....	1,173,010,594	917,468,584	92,387,525	163,163,485	505,397,039	132,411,030	55,500,000	275,175,536	42,310,473
4 Middle Atlantic.....	3,949,684,183	3,002,137,754	359,152,396	588,394,093	1,601,158,784	412,960,765	170,200,000	914,499,927	63,498,092
5 East North Central.....	17,245,362,593	14,987,641,671	785,076,805	1,521,644,117	4,410,240,680	721,387,462	784,200,000	2,818,367,792	86,285,426
6 West North Central.....	27,991,434,545	24,469,485,169	1,162,938,264	2,359,001,112	5,581,297,432	550,742,614	1,312,600,000	3,676,902,149	41,052,669
7 South Atlantic.....	6,132,617,760	5,201,778,472	283,080,867	647,163,431	2,029,345,466	204,301,963	221,550,000	2,033,808,429	119,685,074
8 East South Central.....	4,419,486,237	3,663,693,363	176,064,886	579,707,988	1,795,544,716	159,643,789	256,500,000	1,306,179,989	73,220,938
9 West South Central.....	7,822,066,027	6,281,188,072	311,098,790	1,019,779,165	2,739,487,559	181,346,648	352,200,000	2,168,622,049	37,812,262
10 Mountain.....	4,083,137,939	3,163,187,783	190,715,073	729,234,483	1,621,882,633	121,132,969	230,700,000	562,954,399	7,095,265
11 Pacific.....	5,807,011,460	4,669,416,734	232,367,702	405,236,934	1,281,275,305	183,145,033	127,600,000	948,854,024	21,676,248
12 NEW ENGLAND:									
13 Maine.....	270,526,733	204,103,971	26,637,660	39,780,102	154,078,196	26,075,219	15,700,000	100,152,324	12,148,653
14 New Hampshire.....	118,650,115	89,995,870	9,499,322	19,100,923	51,771,331	14,081,368	7,700,000	23,509,665	5,880,298
15 Vermont.....	222,736,620	169,117,159	21,234,130	42,385,331	99,473,142	31,573,340	13,300,000	47,999,600	6,600,202
16 Massachusetts.....	300,471,743	247,587,831	19,359,755	33,524,157	109,223,194	33,850,892	10,900,000	53,700,925	10,771,377
17 Rhode Island.....	33,636,766	26,387,926	2,408,561	4,840,279	13,682,138	5,367,881	1,300,000	5,340,378	1,673,879
18 Connecticut.....	226,901,617	190,270,827	13,248,097	23,472,693	77,171,038	20,862,330	6,600,000	44,472,644	5,236,064
19 MIDDLE ATLANTIC:									
20 New York.....	1,908,483,201	1,425,061,740	169,866,766	313,554,695	743,823,392	225,465,739	71,000,000	417,046,864	30,310,789
21 New Jersey.....	311,847,948	250,323,986	25,459,205	36,064,757	135,000,544	31,482,945	8,700,000	87,484,186	7,333,413
22 Pennsylvania.....	1,729,353,034	1,326,752,028	163,826,365	239,774,641	682,534,848	156,012,081	90,500,000	409,968,877	25,853,890
23 EAST NORTH CENTRAL:									
24 Ohio.....	3,095,660,336	2,661,435,049	146,575,269	287,655,118	941,729,697	155,587,919	159,400,000	607,037,562	10,704,216
25 Indiana.....	3,042,311,247	2,653,643,973	127,403,086	261,264,188	782,101,167	99,390,023	171,100,000	497,229,719	14,421,425
26 Illinois.....	6,666,767,235	5,997,993,566	222,619,605	446,154,064	1,298,906,947	142,351,262	274,800,000	804,737,833	17,017,862
27 Michigan.....	1,763,334,778	1,436,636,210	122,389,096	204,258,632	606,896,881	111,076,235	75,600,000	404,014,810	16,195,536
28 Wisconsin.....	2,677,282,997	2,187,881,973	167,088,909	322,312,115	780,616,288	213,022,023	103,300,000	445,347,868	18,946,397
29 WEST NORTH CENTRAL:									
30 Minnesota.....	3,787,420,118	3,301,168,325	181,087,968	305,163,825	734,485,441	113,236,965	104,000,000	506,020,233	11,228,243
31 Iowa.....	3,524,870,056	3,007,772,290	309,172,398	613,926,268	1,447,938,473	130,250,447	420,300,000	890,391,299	6,996,727
32 Missouri.....	3,591,068,085	3,062,967,700	138,261,340	389,839,045	952,663,233	105,601,436	270,900,000	559,047,854	17,213,923
33 North Dakota.....	1,759,742,995	1,488,521,495	114,186,865	157,034,635	368,595,830	30,979,932	34,900,000	301,782,935	393,022
34 South Dakota.....	2,823,870,212	2,472,893,681	112,408,268	238,568,263	411,111,307	35,739,209	63,700,000	311,006,809	665,289
35 Nebraska.....	4,201,655,902	3,712,107,760	153,104,448	336,443,784	784,677,206	54,612,075	208,700,000	519,729,771	1,635,300
36 Kansas.....	3,302,806,187	2,830,063,918	154,716,977	318,025,292	882,866,863	80,322,550	210,200,000	588,923,248	2,920,065
37 SOUTH ATLANTIC:									
38 Delaware.....	80,137,614	64,755,631	6,781,318	8,600,665	32,182,526	5,778,747	2,400,000	23,058,906	944,873
39 Maryland.....	463,038,120	386,596,850	23,970,020	48,071,250	158,175,779	25,522,172	16,800,000	109,858,608	5,997,999
40 District of Columbia.....	5,927,987	5,577,369	104,252	246,366	1,019,770	119,263	50,000	307,614	542,893
41 Virginia.....	1,196,555,772	1,024,435,025	50,151,466	121,969,281	425,199,212	46,311,494	61,100,000	292,824,260	24,963,458
42 West Virginia.....	496,439,617	410,783,406	18,395,058	67,261,153	160,066,516	26,332,970	34,600,000	96,537,459	11,596,087
43 North Carolina.....	1,250,166,995	1,076,392,960	54,621,363	119,152,672	614,084,854	35,880,056	41,600,000	503,229,313	33,935,485
44 South Carolina.....	653,064,742	513,484,200	48,002,387	91,518,155	489,979,710	20,354,060	15,000,000	437,121,897	14,509,813
45 Georgia.....	1,356,685,196	1,188,298,627	63,343,220	155,043,349	638,430,053	36,401,316	39,000,000	540,613,626	22,415,111
46 Florida.....	330,301,717	281,440,404	13,551,773	35,300,540	101,204,046	7,621,885	8,000,000	80,286,806	5,325,355
47 EAST SOUTH CENTRAL:									
48 Kentucky.....	1,511,901,077	1,305,158,936	48,354,857	158,387,284	512,459,424	50,928,217	96,800,000	347,338,888	17,392,319
49 Tennessee.....	1,251,064,585	1,024,979,894	53,462,556	173,522,135	492,407,214	50,960,694	101,000,000	318,285,307	22,161,213
50 Alabama.....	690,348,720	543,657,755	34,366,217	112,824,748	383,178,279	30,426,993	29,100,000	304,348,638	19,302,048
51 Mississippi.....	964,751,855	789,896,778	30,881,256	134,973,821	407,499,799	27,327,855	29,600,000	386,207,156	14,364,758
52 WEST SOUTH CENTRAL:									
53 Arkansas.....	924,395,483	753,110,666	43,432,237	127,852,580	424,486,802	30,083,950	39,400,000	340,813,256	14,189,596
54 Louisiana.....	689,826,679	474,038,793	32,715,010	83,072,876	237,628,052	13,613,465	12,100,000	206,182,548	5,732,039
55 Oklahoma.....	1,660,423,544	1,363,835,294	80,630,547	215,927,703	707,895,000	49,887,518	103,800,000	550,084,742	4,122,740
56 Texas.....	4,447,420,321	3,700,173,319	154,320,996	592,926,006	1,869,471,705	87,761,715	196,900,000	1,071,542,103	13,267,887
57 MOUNTAIN:									
58 Montana.....	985,061,308	776,767,520	55,004,212	154,189,567	142,597,141	24,809,029	46,000,000	96,675,185	1,812,927
59 Idaho.....	716,137,910	581,511,964	38,417,253	96,208,693	181,709,556	22,225,355	30,500,000	126,495,111	2,489,090
60 Wyoming.....	334,410,590	234,748,125	11,777,949	87,884,516	68,153,818	14,004,109	23,700,000	30,270,630	1,779,079
61 Colorado.....	1,076,794,749	866,013,860	49,804,509	160,976,580	280,295,338	26,921,292	70,600,000	181,065,239	1,708,802
62 New Mexico.....	325,185,999	221,814,212	9,745,369	93,626,418	75,172,758	8,447,826	25,700,000	40,619,634	405,298
63 Arizona.....	233,592,939	172,325,321	8,820,667	52,447,001	59,771,694	6,294,886	10,900,000	42,481,230	95,578
64 Utah.....	311,274,728	243,751,758	13,514,787	54,008,183	87,764,314	13,735,823	15,600,000	58,067,087	361,424
65 Nevada.....	99,779,666	66,255,214	3,630,927	20,893,525	26,418,019	4,694,049	7,700,000	13,980,303	43,067
66 PACIFIC:									
67 Washington.....	1,057,429,848	920,392,341	54,721,377	82,316,130	301,271,159	44,066,349	23,900,000	227,212,008	6,092,802
68 Oregon.....	818,659,751	675,213,284	41,567,125	101,779,342	209,459,266	35,146,671	36,200,000	131,884,639	6,227,956
69 California.....	3,481,021,861	3,073,811,109	136,069,290	221,141,462	770,544,880	103,932,013	67,500,000	589,757,377	9,355,490

¹ The gross value of farm products, obtained by adding the value of crops, live-stock products, etc., contains a considerable amount of duplication, on account of crops fed to livestock. It is roughly analogous to the value of products in manufactures, with its duplication on account of the use of the products of one establishment as materials in another.

² These include dairy products, wool and mohair, eggs and chickens, and honey and wax.

³ Estimated value of domestic animals sold by farmers and animals slaughtered on the farms, whether for sale or for home consumption.

⁴ These include forest products of farms valued (for the United States) at \$394,321,823, nursery products valued at \$20,434,389, and greenhouse products valued at \$77,380,230.

MANUFACTURES.*											MINES AND QUARRIES.*																
Number of establishments.	AVERAGE NUMBER OF WAGE EARNERS.				Wages.	Cost of materials.		VALUE OF PRODUCTS.				Number of establishments.	Number of mines and quarries.	Number of wells.	AVERAGE NUMBER OF WAGE EARNERS. ⁶		Wages.	VALUE OF PRODUCTS.									
	Total.	Rank.	Per cent distribution.	Male.		Female.	Amount.	Rank.	Per cent distribution.	Total.	Per cent distribution.				Total.	Per cent distribution.		Amount.	Per cent distribution.								
																				Expressed in thousands.				Expressed in thousands.			
																				Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
290,105	9,096,372	100.0	7,267,030	1,829,342	10,533,400	37,376,380	62,418,079	100.0	21,280	13,844	257,673	981,560	100.0	1,295,938	3,158,464	100.0	1								
25,528	1,351,389	3	14.9	955,597	395,792	1,436,435	3,051,098	7,183,071	3	11.5	302	334	7,213	0.7	8,034	18,724	0.6	2								
85,300	2,872,683	1	31.6	2,179,258	693,395	3,464,381	11,424,098	19,854,773	1	31.8	6,004	3,870	91,511	334,175	34.0	458,108	853,891	27.0	3								
61,332	2,396,618	2	28.3	2,030,024	366,594	2,992,981	10,621,687	17,787,480	2	28.4	3,772	2,324	54,413	190,011	19.4	237,638	480,483	15.2	4								
29,166	499,636	5	5.6	408,360	91,266	546,172	3,778,125	5,187,065	5	8.3	1,720	1,270	22,691	62,253	6.3	84,393	280,111	8.9	5								
19,676	817,212	4	9.0	658,092	159,120	778,022	2,586,265	4,455,152	4	7.1	2,284	1,976	27,369	128,707	13.2	149,276	352,074	11.1	6								
14,055	329,226	7	3.6	286,147	43,079	298,711	677,824	4,842,391	7	2.6	1,405	1,475	5,228	90,612	9.2	98,768	181,645	5.8	7								
13,909	285,244	8	3.1	261,967	23,277	283,022	1,647,094	2,277,861	8	3.6	2,821	495	56,087	60,986	6.3	89,448	490,727	15.5	8								
7,612	109,216	9	1.2	101,858	7,358	141,002	610,239	922,676	9	1.5	1,508	1,598	1,183	31,519	3.3	131,192	321,825	10.2	9								
19,567	435,179	6	4.8	385,718	49,461	581,269	1,868,242	3,157,610	6	5.1	868	502	8,197	25,184	2.6	40,207	178,984	0.7	10								
2,995	88,651	24	1.0	68,530	20,121	94,225	254,569	456,822	28	0.7	50	51	979	0.1	1,052	1,824	0.1	11								
1,499	83,074	25	0.9	57,667	25,407	79,326	239,528	407,205	29	0.7	30	33	682	0.1	825	1,568	(*)	12								
1,790	33,491	37	0.4	28,613	4,878	34,084	95,173	168,108	38	0.3	93	109	2,985	0.3	3,041	8,555	(*)	13								
11,906	713,836	4	7.8	490,006	223,830	706,623	2,260,713	4,011,182	5	6.4	74	79	1,704	0.2	2,069	4,176	0.1	14								
2,466	139,065	15	1.5	89,734	49,931	137,495	415,980	747,823	19	1.2	14	15	369	(*)	400	952	(*)	15								
4,872	292,672	8	3.2	221,047	71,625	324,682	685,937	1,392,432	12	2.2	41	47	543	0.1	647	1,049	0.1	16								
49,330	1,228,130	1	13.5	876,680	351,450	1,458,207	4,943,214	8,867,005	1	14.2	700	147	14,186	6,202	0.6	7,497	25,131	0.8	17								
11,067	508,686	6	5.6	388,419	120,267	600,658	2,270,473	3,672,065	6	5.9	97	102	4,576	0.5												

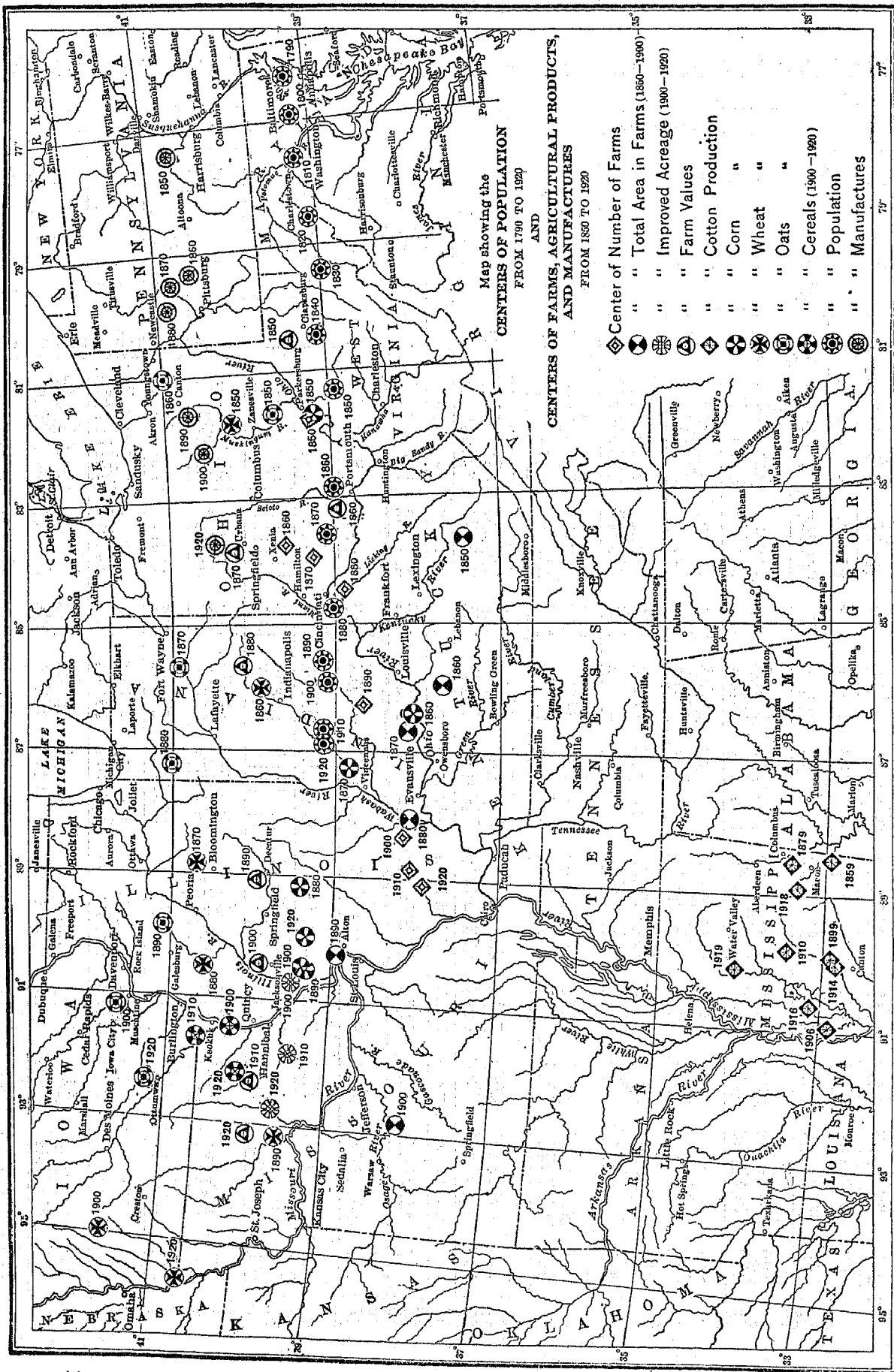
^b Includes 488 females.

⁶ Less than one-tenth of 1 per cent.

⁷ Included with Louisiana to avoid disclosing individual operations

⁸ Includes 2 establishments in Mississippi.

* These statistics relate to the calendar year 1919



NOTE.—The centers for manufactures and for all crops except cotton are based on data for the year preceding the census year indicated on the map; for the centers of cotton production the exact dates are shown on the map.

RHODE ISLAND.

NUMBER AND DISTRIBUTION OF INHABITANTS.

Population of the state.—According to the Fourteenth Census, taken as of January 1, 1920, the population of Rhode Island is 604,397, which represents an increase of 61,787, or 11.4 per cent, over the population in 1910. During the same period the population of the United States increased 14.9 per

cent. The following summary shows the population of Rhode Island from 1790, the first Federal census, to 1920, inclusive, together with the number and per cent of increase in each decade, in comparison with the per cent of increase for the United States as a whole.

POPULATION OF RHODE ISLAND: 1790 TO 1920.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1920	604,397	61,787	11.4	14.9
1910	542,610	114,054	26.6	21.0
1900	428,556	83,050	24.0	20.7
1890	345,506	68,975	24.9	25.5
1880	276,531	59,178	27.2	30.1
1870	217,353	42,733	24.5	22.6
1860	174,620	27,075	18.4	35.6
1850	147,545	38,715	35.6	35.9
1840	108,830	11,631	12.0	32.7
1830	97,199	14,140	17.0	35.5
1820	83,059	6,128	8.0	33.1
1810	76,931	7,809	11.3	36.4
1800	69,122	297	0.4	35.1
1790	68,825			

Counties.—Rhode Island has 5 counties, 4 of which increased in population during the last decade, but the decrease in the remaining county was less than one-tenth of 1 per cent (see Table 1). There have been no changes in county boundaries since 1850 except those involved in the straightening of certain boundary lines.

Density of population.—The total land area of the state in 1920 is 1,067 square miles and the average number of persons to the square mile is 566.4 (see Table 1); in 1910 and 1900 the averages were 508.5 and 401.6, respectively.

Minor civil divisions.—The political divisions into which counties are subdivided are collectively termed "minor civil divisions." In Rhode Island the primary division of the county is the town or city, and in 1920 these number 33 and 6, respectively (see Table 2). Villages are not incorporated as such in this state.

Cities.—Of the 6 cities of Rhode Island, all but 1 (Central Falls) have a population over 25,000 in 1920, Providence, the largest, having 237,595 inhabitants. The next largest city is Pawtucket, with 64,248, the remaining cities having more than 25,000 but less than 50,000 inhabitants. (See Tables 3 and 4.)

HISTORICAL NOTE.—The full name of this state is Rhode Island and Providence Plantations, the designation employed in the charter of 1663, which remained in effect until 1843. This designation had its origin in the fact that prior to the patent of 1644 the colony consisted of several independent settlements, of which those of Rhode Island and Providence were the most important.

The origin of the name "Rhode Island" is uncertain. The most usual explanation is that it is based upon a fancied resemblance of the island bearing this name to the Isle of Rhodes, although other theories have been advanced. "Providence Plantations" was the designation employed for the colony in the patent of 1644, Providence being the oldest and one of the two most important settlements.

The explorer Verrazzano, sailing under the French flag, appears to have discovered Narragansett Bay as early as 1524. Later, in 1614, it was explored by the Dutch navigator, Adrian Block. The region now covered by the state was included in the grants conveyed by the first charter of Virginia (1606) and by the charter of New England (1620). These grants appear, however, to have had no practical result so far as the territory now constituting Rhode Island was concerned.

The first English settlement in this state was made at Providence in 1636 by Roger Williams and others who had been obliged to leave the colony of Massachu-

setts Bay. Settlements were also made at Portsmouth in 1638, Newport in 1639, and Warwick in 1642.

In 1644 a patent was granted for the "Incorporation of Providence Plantations in the Narragansett Bay in New England." In 1663 a charter was obtained from Charles II, under which the colony and the state were successively governed until 1843, when the present state constitution went into effect. The territorial limits of Rhode Island, as defined by this charter, differed somewhat, though not greatly, from those now in existence.

The present boundary between Rhode Island and Connecticut was agreed upon in 1703 and surveyed in 1728. It was not, however, finally established until 1887. The boundary between Rhode Island and Massachusetts was in dispute for more than 200 years, and the eastern boundary of the state was not definitely established until 1861, while the northern boundary was not finally established until 1883.

Rhode Island was one of the original thirteen states.

According to estimates and censuses taken prior to the first Federal census, in 1790, the population of the colony of Rhode Island at different dates was as follows: 1658 (estimate), 1,200; 1663 (estimate), 2,000; 1675 (estimate), 3,000; 1689 (estimate), 5,000; 1708 (census), 7,181; 1730 (census), 17,935; 1742 (estimate), 30,000; 1748 (census), 32,773; 1755 (census), 40,414; 1774 (census), 59,707; 1776 (census), 55,011; 1782 (census), 52,391.

POPULATION—RHODE ISLAND.

The following summary shows the population of the cities of Rhode Island at each census for which figures are available, together with the increase during each decade.

POPULATION OF PRINCIPAL CITIES FROM EARLIEST CENSUS TO 1920.

[A minus sign (—) denotes decrease.]

CITY AND CENSUS YEAR.	Popula- tion.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Popula- tion.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Popula- tion.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.			Number.	Per cent.
Central Falls:				Newport—Continued.				Providence:			
1920.....	24,174	1,420	6.2	1890.....	19,457	3,764	24.0	1920.....	237,595	13,269	5.9
1910.....	22,754	4,587	25.2	1880.....	15,693	3,172	25.3	1910.....	224,326	48,729	27.8
1900.....	18,167			1870.....	12,521	2,013	19.2	1900.....	175,597	43,451	32.9
Cranston:				1860.....	10,508	945	9.9	1890.....	132,146	27,289	26.0
1920.....	29,407	8,300	39.3	1850.....	9,563	1,230	14.8	1880.....	104,857	35,953	52.2
1910.....	21,107	7,764	58.2	1840.....	8,333	323	4.0	1870.....	68,904	18,238	35.0
1900.....	13,343	5,244	64.7	1830.....	8,010	691	9.4	1860.....	50,666	9,153	22.0
1890.....	8,099	2,159	36.3	1820.....	7,319	—588	—7.4	1850.....	41,513	18,342	79.2
1880.....	5,940	1,118	23.2	1810.....	7,907	1,168	17.3	1840.....	23,171	6,338	37.7
1870.....	4,822	—2,678	—35.7	1800.....	6,739	23	0.3	1830.....	16,833	5,066	43.1
1860.....	7,500	3,189	74.0	1790.....	6,716			1820.....	11,767	1,696	16.3
1850.....	4,311	1,409	48.6	Pawtucket:				1810.....	10,071	2,457	32.3
1840.....	2,902	249	9.4	1920.....	64,248	12,626	24.5	1800.....	7,614	1,234	19.3
1830.....	2,653	379	16.7	1890.....	51,622	12,391	31.6	1790.....	6,380		
1820.....	2,274	113	5.2	1900.....	39,231	11,698	42.0	Woonsocket:			
1810.....	2,161	517	31.4	1880.....	27,633	8,603	45.2	1920.....	43,496	5,371	14.1
1800.....	1,644	—233	—12.4	1870.....	19,030	12,411	187.5	1910.....	38,125	9,921	35.2
1790.....	1,877			1860.....	6,619	2,419	57.6	1900.....	28,204	7,374	35.4
Newport:				1850.....	4,200	447	11.9	1890.....	20,830	4,780	29.8
1920.....	30,255	3,106	11.4	1840.....	3,753	1,569	71.8	1880.....	16,050	4,523	39.2
1910.....	27,149	4,708	21.0	1830.....	2,184	725	49.7	1870.....	11,527		
1900.....	22,441	2,984	15.3		1,459						

Urban and rural population.—The Census Bureau defines urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more. As it is not the practice in Rhode Island, as in nearly all the other states, to have municipal incorporations, such as villages, within the limits of town, and as no town becomes a city until its population is greatly in excess of 2,500, it has been necessary to include in the urban territory not only the population of cities but that of all towns having over 2,500 inhabitants. The result is that the "urban area" in Rhode Island includes some population which in other states would be segregated as "rural," but on account of the density of population of the state as a whole, there is no reason to suppose

that the proportion of urban population is greatly overstated. Urban population in Rhode Island being thus defined, the rural population, therefore, consists of the population located in towns having less than 2,500 inhabitants.

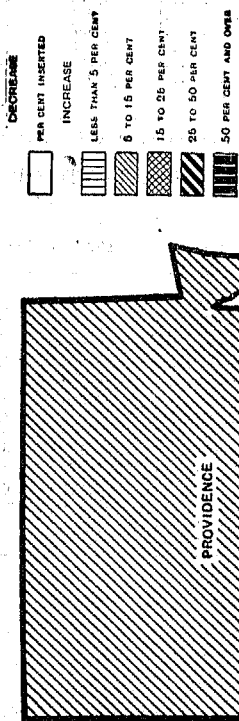
The following summary presents the urban and rural population of the state distributed among cities and towns, grouped according to specified limits of population at the last three censuses. The classification is based upon the population of each place as it existed at each census. The proportion of the population of Rhode Island living in cities and towns of 2,500 or more at the three census periods was 97.5, 96.7, and 95.1, respectively, the proportion showing a slight increase in each decade.

URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

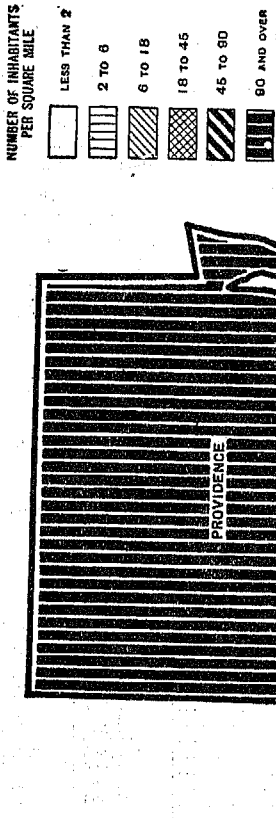
CLASS OF PLACES.	1920		1910		1900		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1920	1910	1900
Total population.....	39	604,397	38	542,610	38	428,556	100.0	100.0	100.0
Urban territory	27	589,180	25	524,654	23	407,647	97.5	96.7	95.1
Cities and towns of—									
100,000 inhabitants or more.....	1	237,595	1	224,326	1	175,597	39.3	41.3	41.0
50,000 to 100,000 inhabitants.....	1	64,248	1	51,622			10.6	9.5	
25,000 to 50,000 inhabitants.....	3	103,158	3	91,903	2	67,435	17.1	16.9	15.7
10,000 to 25,000 inhabitants.....	6	96,361	4	89,776	5	87,405	15.9	12.9	20.4
5,000 to 10,000 inhabitants.....	8	61,345	9	63,915	7	49,008	10.1	11.8	11.4
2,500 to 5,000 inhabitants.....	8	26,473	7	23,112	8	28,202	4.4	4.3	6.6
Rural territory (towns of less than 2,500 inhabitants)...	12	15,217	13	17,956	15	20,909	2.5	3.3	4.9

INCREASE AND DENSITY OF POPULATION OF RHODE ISLAND, BY COUNTIES.

INCREASE OF POPULATION: 1910-1920.



DENSITY OF POPULATION: 1920.



POPULATION—RHODE ISLAND.

TABLE 1.—AREA AND POPULATION OF COUNTIES: 1850 TO 1920.

COUNTY.	Land area in square miles: 1920.	POPULATION.									Per cent of increase.		
		1920		1910	1900	1890	1880	1870	1860	1850	1910 to 1920.	1900 to 1910.	1890 to 1900.
		Total.	Per square mile.										
Rhode Island.....	1,067	604,397	566.4	542,610	428,556	345,506	276,531	217,353	174,620	147,545	11.4	26.6	24.6
Bristol.....	24	23,113	963.0	17,602	13,144	11,428	11,394	8,421	8,907	8,514	31.3	33.9	15.0
Kent.....	174	38,209	219.9	36,378	29,976	26,754	20,588	18,595	17,303	15,088	5.2	21.4	12.0
Newport.....	114	42,893	376.3	39,335	32,599	28,552	24,180	20,050	21,896	20,007	9.0	20.7	14.2
Providence.....	430	475,190	1,105.1	424,353	328,683	255,123	197,874	149,190	107,799	87,526	12.0	29.1	28.5
Washington.....	325	24,932	76.7	24,942	24,154	23,649	22,495	20,097	18,715	16,430	(1)	3.3	2.1

¹ Decrease of less than one-tenth of 1 per cent.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900.

[For changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 618. For population of wards of cities, see Table 4.]

MINOR CIVIL DIVISION.	1920	1910	1900	MINOR CIVIL DIVISION.	1920	1910	1900
Bristol County.....	23,113	17,602	13,144	Providence County—Continued.....			
Barrington town.....	3,897	2,452	1,135	Cranston city.....	29,407	21,107	13,342
Bristol town.....	11,375	8,565	6,901	Cumberland town.....	10,077	10,107	8,925
Warren town.....	7,841	6,585	5,108	East Providence town.....	21,793	15,808	12,138
Kent County.....	38,269	36,378	29,976	Foster town.....	905	1,124	1,151
Coventry town.....	5,670	5,848	5,279	Glocester town.....	1,389	1,404	1,462
East Greenwich town.....	3,290	3,420	2,775	Johnston town ¹	6,855	5,935	4,305
Warwick town ¹	13,481	26,629	21,316	Lincoln town.....	9,543	9,825	8,937
West Greenwich town.....	367	481	606	North Providence town.....	7,697	5,407	3,016
West Warwick town ¹	15,461			North Smithfield town.....	3,200	2,699	2,422
Newport County.....	42,893	38,335	32,599	Pawtucket city.....	64,248	51,622	39,231
Jamestown town.....	1,633	1,175	1,091	Providence city ²	237,595	224,328	175,597
Little Compton town.....	1,389	1,276	1,132	Seituate town.....	3,006	3,493	3,361
Middletown town.....	2,094	1,708	1,457	Smithfield town.....	3,199	2,739	2,107
New Shoreham town (Block Island).....	1,038	1,314	1,396	Woonsocket city.....	43,496	38,125	28,204
Newport city.....	30,255	27,149	22,441	Washington County.....	24,932	24,942	24,154
Portsmouth town.....	2,590	2,681	2,105	Charlestown town.....	759	1,037	975
Tiverton town.....	3,894	4,032	2,977	Exeter town.....	1,033	778	841
Providence County.....	475,190	424,353	328,683	Hopkinton town.....	2,316	2,324	2,602
Burrillville town.....	8,606	7,878	6,317	Narragansett town.....	993	1,250	1,523
Central Falls city.....	24,174	22,754	18,107	North Kingstown town.....	3,397	4,048	4,194
				Richmond town.....	1,301	1,633	1,506
				South Kingstown town.....	5,181	5,176	4,972
				Westerly town.....	9,952	8,696	7,541

¹ West Warwick town organized from part of Warwick town since 1910.

² Part of Johnston town annexed to Providence city since 1910.

TABLE 3.—POPULATION OF ALL CITIES, AND OF TOWNS HAVING, IN 1920, 2,500 INHABITANTS OR MORE: 1920, 1910, AND 1900.

CITY OR TOWN.	County.	1920	1910	1900	CITY OR TOWN.	County.	1920	1910	1900
CITIES.					TOWNS—continued.				
Central Falls.....	Providence.....	24,174	22,754	18,167	Johnston ¹	Providence.....	6,855	5,935	4,305
Cranston.....	Providence.....	29,407	21,107	13,343	Lincoln.....	Providence.....	9,543	9,825	8,937
Newport.....	Newport.....	30,255	27,149	22,441	North Kingstown.....	Washington.....	3,397	4,048	4,194
Pawtucket.....	Providence.....	64,248	51,622	39,231	North Providence.....	Providence.....	7,697	5,407	3,016
Providence ¹	Providence.....	237,595	224,328	175,597	North Smithfield.....	Providence.....	3,200	2,699	2,422
Woonsocket.....	Providence.....	43,496	38,125	28,204	Portsmouth.....	Newport.....	2,590	2,681	2,105
TOWNS.					Seituate.....	Providence.....	3,006	3,493	3,361
Barrington.....	Bristol.....	3,897	2,452	1,135	Smithfield.....	Providence.....	3,199	2,739	2,107
Bristol.....	Bristol.....	11,375	8,565	6,901	South Kingstown.....	Washington.....	5,181	5,176	4,972
Burrillville.....	Providence.....	8,606	7,878	6,317	Tiverton.....	Newport.....	3,894	4,032	2,977
Coventry.....	Kent.....	5,670	5,848	5,279	Warren.....	Bristol.....	7,841	6,585	5,108
Cumberland.....	Providence.....	10,077	10,107	8,925	Warwick ¹	Kent.....	13,481	26,629	21,316
East Greenwich.....	Kent.....	3,290	3,420	2,775	West Warwick ¹	Kent.....	15,461		
East Providence.....	Providence.....	21,793	15,808	12,138	Westerly.....	Washington.....	9,952	8,696	7,541

¹ See county footnote, Table 2.

TABLE 4.—POPULATION OF WARDS OF CITIES: 1920.

WARD.	1920	WARD.	1920	WARD.	1920	WARD.	1920
Central Falls city.....	24,174	Newport city.....	30,255	Pawtucket city—Con.		Providence city—Con.	
Ward 1.....	4,528	Ward 1.....	3,400	Ward 5.....	10,124	Ward 8.....	26,845
Ward 2.....	6,085	Ward 2.....	10,345	Ward 6.....	8,844	Ward 9.....	20,414
Ward 3.....	3,196	Ward 3.....	5,960			Ward 10.....	24,209
Ward 4.....	6,438	Ward 4.....	5,242	Providence city.....	237,595	Woonsocket city.....	43,496
Ward 5.....	3,929	Ward 5.....	5,302	Ward 1.....	20,071	Ward 1.....	9,123
Cranston city.....	29,407	Pawtucket city.....	64,248	Ward 2.....	23,038	Ward 2.....	9,916
Ward 1.....	6,568	Ward 1.....	11,114	Ward 3.....	29,477	Ward 3.....	4,094
Ward 2.....	7,809	Ward 2.....	11,025	Ward 4.....	18,010	Ward 4.....	7,651
Ward 3.....	7,425	Ward 3.....	11,873	Ward 5.....	21,962	Ward 5.....	12,712
Ward 4.....	7,605	Ward 4.....	10,668	Ward 6.....	25,811		
				Ward 7.....	18,758		

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

This section gives detailed statistics as to the composition and characteristics of the population on January 1, 1920. It contains detailed tables which present statistics of color or race, nativity, parentage, sex, age, school attendance, citizenship, illiteracy, dwellings and families, and country of birth, for the state, and for its counties and cities. There are, besides, eight summary tables which reproduce from the detailed tables the more important state and city totals, and, also, tables which cover the following subjects, not included in the second series of state bulletins: Marital condition, state of birth, year of immigration, inability to speak English, country of origin, mother tongue, and ownership of homes. The full presentation of all these subjects is contained in Volume II of the Fourteenth Census Reports.

The principal occupations, as reported for persons 10 years of age and over, are given by sex, color or race, nativity, parentage, and age periods, followed by a summary, by marital condition and age groups, of women gainfully occupied.

Because of the wide differences in characteristics among the various classes of the population, the statistics on each subject are shown according to color or race, and for the white population according to nativity and parentage. Classification according to nativity and parentage has not been deemed necessary for the other races, since nearly all Negroes and Indians are natives of native parentage, while nearly all Chinese and Japanese are either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in certain tables; and in some cases all three native classes are combined.

The presentation of statistics on country of birth of the foreign-born white population is made on the basis of the postwar map. Because of the many political changes which have resulted from the war, comparative figures for 1910 for this class of the population by individual European countries are not presented here.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of their population, the two classes

are shown separately in connection with several of the subjects. Urban population, as defined by the Census Bureau, is that residing in cities and other incorporated places having 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had attended school, college, or any kind of educational institution at any time between September 1, 1919, and the census date, January 1, 1920.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write in any language, not necessarily English, regardless of ability to read.

The statistics of marital condition relate only to persons 15 years of age and over, as the number of persons under 15 who are married, widowed, or divorced is naturally insignificant. The terms refer only to the marital status of the population on the census date.

The returns as to state of birth are valuable mainly for the light they throw on the migration of the native population within the United States; they show, for each state, the population residing there on January 1, 1920, distributed as born in the state or elsewhere.

Since the foreign-born population consists mainly of foreign-born whites, the statistics for citizenship relate to this class only. The classification embraces four groups, namely, persons reported as naturalized, persons reported as having taken out first papers, persons reported as aliens, and persons for whom citizenship was not reported.

The inquiry as to year of immigration supplies a means for determining what proportion of the immigrants who arrived during a given year or period of years were still alive and residing in this country on the census date.

The foreign white stock comprises the total of three classes, the foreign-born whites, the native whites of foreign parentage (both parents born abroad), and the native whites of mixed parentage (one parent native and the other foreign born). The term "country of origin," as used in this report, signifies the country of birth of the father of a foreign-born person or the foreign-born parent or parents of a native. The term "mother tongue" means the language of customary speech in the homes of immigrants before immigration.

POPULATION—RHODE ISLAND.

TABLE 1.—COLOR OR RACE, NATIVITY, PARENTAGE, AND SEX, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

CLASS OF POPULATION.	NUMBER.			PER CENT OF TOTAL.			1920		1910		1900		MALES TO 100 FEMALES. ¹		
	1920	1910	1900	1920	1910	1900	Male.	Female.	Male.	Female.	Male.	Female.	1920	1910	1900
THE STATE.															
Total population.....	604,397	542,610	428,556	100.0	100.0	100.0	297,524	306,873	270,314	272,298	210,516	218,040	97.0	99.3	96.5
White.....	593,980	532,492	419,050	98.3	98.1	97.8	292,131	301,849	265,242	267,250	205,832	213,218	96.8	99.2	96.5
Negro.....	10,036	9,529	9,092	1.7	1.6	2.1	5,096	4,940	4,045	4,884	4,290	4,802	103.2	95.1	89.3
Indian.....	110	284	35	(²)	0.1	(²)	59	51	134	150	20	15	.....	89.3	.....
Chinese.....	225	272	356	(²)	0.1	0.1	201	24	262	10	361	5	.....	.....	.....
Japanese.....	35	33	13	(²)	(²)	(²)	31	4	31	2	13	.....	.....	.....	.....
All other.....	11	.....	.....	(²)	.....	.....	6	5	.....	.....	.....	.....	.....	.....	.....
Native white, total.....															
Native parentage.....	420,481	354,467	285,278	69.6	65.3	66.6	205,967	214,514	174,050	179,808	140,261	145,017	96.0	97.1	96.7
Foreign parentage.....	173,553	159,821	144,996	28.7	29.5	33.3	86,368	87,185	79,735	80,088	71,770	73,216	99.1	99.6	98.0
Mixed parentage.....	182,660	144,270	104,087	30.2	26.6	24.3	85,657	94,003	70,505	73,765	50,792	53,295	94.3	95.6	95.3
Foreign-born white.....	64,268	50,376	36,205	10.6	9.3	8.4	30,942	33,326	24,419	25,957	17,690	18,506	92.8	94.1	95.6
Foreign-born white.....	173,499	178,025	138,772	28.7	32.8	31.2	86,164	87,335	90,583	87,442	65,571	68,201	98.7	103.6	96.1
URBAN POPULATION.															
Total.....	589,180	524,854	407,647	100.0	100.0	100.0	289,650	299,530	280,887	283,767	199,586	208,061	96.7	98.9	95.9
White.....	579,097	515,011	398,814	98.3	98.2	97.8	284,441	294,656	266,082	258,929	195,254	203,560	96.5	98.9	95.0
Negro.....	9,710	9,935	8,423	1.6	1.7	2.1	4,918	4,792	4,379	4,076	3,942	4,481	102.6	93.6	88.0
Indian, Chinese, Japanese, and all other.....	373	588	410	0.1	0.1	0.1	291	82	426	162	390	20	.....	263.0	.....
Native white, total.....															
Native parentage.....	407,412	339,606	268,545	69.1	64.7	65.9	199,206	208,206	166,977	172,629	131,620	136,925	95.7	96.7	96.1
Foreign parentage.....	163,733	147,038	131,599	27.8	28.2	32.3	81,227	82,506	73,536	74,402	64,822	66,717	98.4	98.8	97.2
Mixed parentage.....	180,475	142,187	104,087	30.6	27.1	23.6	87,559	92,916	69,466	72,721	50,792	53,295	94.2	95.5	95.1
Foreign-born white.....	63,204	49,481	36,505	10.7	9.4	8.4	30,420	32,784	23,975	25,506	17,690	18,506	92.8	94.0	95.1
Foreign-born white.....	171,685	178,405	130,260	29.1	33.4	32.0	85,235	86,450	89,105	86,300	63,634	66,635	98.6	103.3	95.5
RURAL POPULATION.															
Total.....	15,217	17,956	20,909	100.0	100.0	100.0	7,874	7,343	9,427	8,529	10,930	9,979	107.2	110.5	109.5
White.....	14,883	17,481	20,236	97.8	97.4	96.8	7,690	7,193	9,160	8,321	10,578	9,658	106.9	110.1	109.5
Negro.....	326	474	669	2.1	2.6	3.2	178	148	266	208	348	321	120.3	127.9	108.4
Indian.....	8	1	4	0.1	(²)	(²)	6	2	1	.....	4	.....	.....	.....	.....
Native white, total.....															
Native parentage.....	13,069	14,861	16,733	85.9	82.8	80.0	6,761	6,308	7,682	7,179	8,641	8,092	107.2	107.0	106.8
Foreign parentage.....	9,820	11,883	13,447	64.5	66.2	64.3	5,141	4,679	5,109	5,684	6,948	6,499	109.9	109.1	106.9
Mixed parentage.....	2,185	2,083	3,286	14.4	11.6	15.7	1,098	1,087	1,039	1,044	1,093	1,593	101.0	99.5	106.3
Foreign-born white.....	1,064	895	3,286	7.0	5.0	16.8	522	542	444	451	1,093	1,593	96.3	98.4	106.3
Foreign-born white.....	1,314	2,620	3,503	11.9	14.6	16.8	929	885	1,478	1,142	1,037	1,566	105.0	129.4	123.7

¹ Ratio not shown where number of females is less than 100.² Less than one-tenth of 1 per cent.³ Comprises 6 Hindus and 5 Filipinos.

TABLE 2.—SCHOOL ATTENDANCE, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.				
	Total number.	Attending school.		Native parentage.			Foreign or mixed parentage.			Total number.	Attending school.		Total number.	Attending school.			
		Number.	Per cent.	Total number.	Attending school.	Per cent.	Total number.	Attending school.	Per cent.		Total number.	Attending school.		Per cent.	Total number.	Attending school.	Per cent.
THE STATE: 1920																	
5 to 20 years, inclusive.....	173,404	108,817	62.8	50,737	34,178	67.4	103,983	68,806	64.2	16,140	6,280	38.9	2,485	1,510	60.8		
Male.....	86,509	53,890	62.3	26,167	17,013	65.0	51,290	32,945	64.2	7,797	3,200	41.0	1,218	708	58.1		
Female.....	86,895	54,927	63.2	24,570	17,165	69.9	52,693	35,861	64.3	8,343	3,080	36.9	1,267	802	63.3		
5 and 6 years.....	23,630	13,318	56.4	7,200	4,320	60.0	15,562	8,579	55.1	480	242	49.5	371	172	46.4		
7 to 13 years.....	78,318	74,872	95.6	23,008	22,110	96.1	49,470	47,477	96.0	4,743	4,272	90.1	1,064	981	92.2		
14 and 15 years.....	20,044	11,827	59.0	5,660	4,091	72.3	11,860	6,500	54.8	2,222	1,018	45.8	298	214	71.8		
16 and 17 years.....	21,019	5,527	26.3	6,115	2,273	37.2	11,443	2,734	23.9	3,167	424	13.4	290	96	33.1		
18 to 20 years.....	30,393	3,273	10.8	8,754	1,384	15.8	15,648	1,516	9.7	5,619	324	5.9	462	47	10.2		
URBAN POPULATION.																	
5 and 6 years.....	23,093	12,994	56.3	6,897	4,137	60.0	15,350	8,450	55.0	483	238	49.3	355	164	46.2		
7 to 13 years.....	76,404	73,044	95.6	21,851	21,014	96.2	48,802	46,825	95.4	4,694	4,226	90.0	1,027	950	92.5		
14 to 20 years.....	69,761	19,939	28.6	19,485	7,317	37.6	38,432	10,532	27.4	10,811	1,747	16.2	1,015	337	33.2		
RURAL POPULATION.																	
5 and 6 years.....	587	324	60.3	303	183	60.4	212	129	60.8	6	4	.....	16	8	.....	
7 to 13 years.....	1,914	1,828	95.5	1,157	1,006	94.7	668	652	97.6	49	46	.....	37	31	.....	
14 to 20 years.....	1,695	688	40.6	1,044	431	41.3	519	218	42.0	97	19	.....	35	20	.....	
THE STATE: 1910																	
5 to 20 years, inclusive.....	158,287	93,074	59.2	45,006	30,354	67.4	83,201	52,011	62.5	27,582	9,781	35.5	2,422	1,469	60.7		
Male.....	79,609	47,653	59.9	23,012	15,585	67.7	41,596	26,335	63.3	13,822	5,023	36.3	1,128	681	60.4		
Female.....	78,678	46,021	58.5	21,994	14,769	67.2	41,605	25,676	61.7	13,740	4,758	34.6	1,294	788	60.9		
5 and 6 years.....	20,272	10,362	51.1	5,960	3,300	55.4	12,424	6,280	50.5	1,565	631	40.3	314	149	47.5		
7 to 13 years.....	65,416	61,436	93.9	19,102	18,148	94.7	37,551	35,385	94.2	7,652	6,932	90.6	1,006	931	92.5		
14 and 15 years.....	19,153	11,968	62.5	5,347	4,141	77.4	10,089	6,176	61.2	3,404	1,414	41.5	295	226	76.6		
16 and 17 years.....	20,734	5,889	28.4	5,835	2,736	46.9	9,966	2,606	26.1	4,614	435	9.4	305	109	35.7		
18 to 20 years.....	32,712	4,019	12.3	8,702	2,020	23.3	13,171	1,564	11.9	10,327	369	3.6	502	54	10.8		
URBAN POPULATION.																	
5 and 6 years.....	19,613	10,000	51.0	5,583	3,069	55.0	12,170	6,158	50.6	1,554	628	40.4	297	143	48.1		
7 to 13 years.....	63,435	59,596	93.9	17,907	16,971	94.8	36,954	34,841	94.3	7,571	6,855	90.5	958	889	92.8		
14 to 20 years.....	70,551	21,103	29.9	18,594	8,340	44.9	32,780	10,191	31.1	18,109	2,186	12.1	1,026	369	36.0		
RURAL POPULATION.																	
5 and 6 years.....	659	362	54.9	377	231	61.3	254	122	48.0	11	3	.....	17	6	.....	
7 to 13 years.....	1,981	1,840	92.9	1,255	1,177	93.8	597	544	91.1	81	77	.....	48	42	.....	
14 to 20 years.....	2,048	773	37.7	1,290	566	43.9	446	155	34.8	236	32	13.6	76	20		

COMPOSITION AND CHARACTERISTICS.

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TABLE 3.—AGE, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed parentage.								
	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.
THE STATE.															
All ages: 1920.....	604,397	297,524	306,873	173,553	86,368	87,185	246,928	119,599	127,329	173,499	86,104	87,335	10,036	5,096	4,940
Under 5 years.....	62,356	31,205	31,061	21,055	10,042	10,413	39,700	19,913	19,877	493	249	244	997	482	515
Under 1 year.....	12,746	6,406	6,340	4,472	2,269	2,203	7,098	4,010	3,988	35	18	17	230	108	131
5 to 9 years.....	58,253	29,113	29,140	17,525	8,864	8,661	37,886	18,850	19,030	1,974	982	992	847	400	447
10 to 14 years.....	53,836	26,573	27,263	15,562	7,814	7,748	33,125	16,196	16,929	4,373	2,168	2,205	752	381	371
15 to 19 years.....	51,655	26,198	25,457	15,003	8,168	6,835	28,120	13,901	14,225	7,786	3,775	4,011	732	347	385
20 to 44 years.....	237,065	115,710	121,355	60,335	29,610	30,725	80,418	37,896	42,522	91,762	45,762	46,000	4,300	2,311	2,079
45 years and over.....	140,939	68,484	72,455	43,955	21,210	22,745	27,537	12,811	14,726	66,995	33,174	33,821	2,307	1,166	1,141
Age unknown.....	293	151	142	118	60	58	46	26	20	116	54	62	11	0	2
18 to 44 years.....	257,798	126,465	131,333	66,442	33,094	33,348	91,220	43,336	47,884	95,274	47,436	47,838	4,698	2,465	2,233
21 years and over.....	368,637	179,720	188,917	101,761	49,559	52,202	103,155	48,396	54,759	156,866	78,118	78,748	6,554	3,396	3,158
Per cent: 1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.3	10.5	10.1	12.1	12.3	11.9	16.1	16.6	15.6	0.3	0.3	0.3	9.9	9.5	10.4
Under 1 year.....	2.1	2.2	2.1	2.6	2.6	2.5	3.2	3.4	3.1	(1)	(1)	(1)	2.4	2.1	2.7
5 to 9 years.....	9.6	9.8	9.5	10.1	10.3	9.9	15.3	15.8	14.9	1.1	1.1	1.1	8.4	7.8	9.0
10 to 14 years.....	8.9	8.9	8.9	9.0	9.0	8.9	13.4	13.5	13.3	2.5	2.5	2.5	7.5	7.5	7.5
15 to 19 years.....	8.5	8.8	8.3	8.6	9.5	7.8	11.4	11.6	11.2	4.5	4.4	4.6	7.3	6.8	7.8
20 to 44 years.....	39.2	38.9	39.5	34.8	34.3	35.2	32.6	31.7	33.4	52.9	53.1	52.7	45.3	45.3	42.1
45 years and over.....	23.3	23.0	23.6	25.3	24.6	26.1	11.1	10.7	11.6	38.6	38.5	38.7	23.0	22.9	23.1
18 to 44 years.....	42.7	42.5	42.8	38.3	38.3	38.2	36.9	36.2	37.6	54.9	55.1	54.8	46.8	48.4	45.2
21 years and over.....	61.0	60.4	61.6	58.6	57.4	59.9	41.8	40.5	43.0	90.4	90.7	90.2	65.3	66.6	63.9
Per cent: 1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.0	9.9	10.0	10.2	10.3	10.2	18.1	18.3	17.9	1.0	1.0	1.0	9.0	9.7	8.4
Under 1 year.....	2.2	2.2	2.1	2.2	2.2	2.1	4.1	4.2	4.0	0.1	0.1	0.1	2.0	2.2	1.8
5 to 9 years.....	8.9	9.0	8.9	8.9	8.9	8.9	14.9	15.3	14.6	2.5	2.5	2.5	7.9	7.7	8.1
10 to 14 years.....	8.7	8.7	8.6	8.5	8.7	8.4	13.4	13.7	13.2	3.0	3.0	3.0	7.5	7.1	7.9
15 to 19 years.....	9.6	9.8	9.4	9.0	9.6	8.5	12.3	12.8	11.8	7.2	7.1	7.4	8.1	7.6	8.6
20 to 44 years.....	41.9	42.2	41.6	36.2	36.4	36.0	32.8	31.6	33.8	56.6	57.9	55.3	46.0	47.7	44.5
45 years and over.....	20.8	20.3	21.4	26.8	25.9	27.7	8.5	8.3	8.7	28.9	27.9	30.0	21.1	20.1	22.2
18 to 44 years.....	45.9	46.3	45.5	40.0	40.4	39.5	37.4	36.5	38.3	60.3	61.5	58.9	49.4	50.7	48.1
21 years and over.....	60.9	60.6	61.1	61.6	60.8	62.4	39.2	37.9	40.4	83.6	83.8	83.3	65.5	66.0	65.1
URBAN POPULATION.															
All ages: 1920.....	569,180	289,650	299,530	163,733	81,227	82,506	243,679	117,979	125,700	171,685	85,235	86,450	9,710	4,918	4,792
Under 5 years.....	61,054	30,620	30,434	20,266	10,240	10,026	39,319	19,967	19,652	480	244	242	964	462	502
Under 1 year.....	12,457	6,264	6,193	4,302	2,122	2,120	7,887	3,959	3,928	35	18	17	232	105	127
5 to 9 years.....	59,881	29,437	29,444	16,704	8,402	8,242	37,334	18,598	18,730	1,957	970	981	817	391	426
10 to 14 years.....	52,504	25,850	26,654	14,777	7,352	7,395	32,053	15,949	16,704	4,328	2,144	2,184	723	352	361
15 to 19 years.....	50,440	25,674	24,800	14,257	7,775	6,482	27,753	13,725	14,028	7,717	3,733	3,984	705	334	371
20 to 44 years.....	231,913	113,074	118,839	57,201	27,961	29,240	79,434	37,423	42,011	90,556	45,320	45,536	4,264	2,240	2,024
45 years and over.....	136,125	65,958	70,167	40,429	19,353	21,076	27,093	12,592	14,501	66,228	32,766	33,462	2,231	1,125	1,106
Age unknown.....	263	137	120	99	54	45	43	25	18	113	52	61	6	4	2
Per cent: 1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.4	10.6	10.2	12.4	12.6	12.2	16.1	16.7	15.6	0.3	0.3	0.3	9.9	9.4	10.5
Under 1 year.....	2.2	2.2	2.1	2.6	2.6	2.5	3.2	3.4	3.1	1.1	1.1	1.1	2.4	2.1	2.7
5 to 9 years.....	9.6	9.8	9.5	10.2	10.4	10.0	15.3	15.8	14.9	1.1	1.1	1.1	8.4	8.0	8.9
10 to 14 years.....	8.9	8.9	8.9	9.0	9.1	9.0	13.4	13.5	13.3	2.5	2.5	2.5	7.4	7.4	7.5
15 to 19 years.....	8.6	8.8	8.3	8.7	9.6	7.9	11.4	11.6	11.2	4.5	4.4	4.6	7.3	6.8	7.7
20 to 44 years.....	39.4	39.0	39.7	34.9	34.4	35.4	32.6	31.7	33.4	52.9	53.2	52.7	43.9	45.5	42.2
45 years and over.....	23.1	22.8	23.4	24.7	23.8	25.5	11.1	10.7	11.5	38.6	38.4	38.7	23.0	22.9	23.1
Per cent: 1910.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.0	10.0	10.0	10.4	10.5	10.4	18.0	18.2	17.8	1.0	1.0	1.0	9.0	9.8	8.2
Under 1 year.....	2.2	2.2	2.1	2.2	2.2	2.1	4.1	4.2	4.0	0.1	0.1	0.1	2.0	2.2	1.8
5 to 9 years.....	9.0	9.0	8.9	9.0	9.1	8.9	14.9	15.3	14.5	2.5	2.5	2.5	7.9	7.7	8.1
10 to 14 years.....	8.7	8.7	8.7	8.6	8.7	8.5	13.4	13.7	13.2	3.0	3.0	3.0	7.5	7.1	7.8
15 to 19 years.....	9.6	9.9	9.4	9.1	9.7	8.6	12.3	12.8	11.8	7.3	7.1	7.4	7.0	7.3	8.4
20 to 44 years.....	42.0	42.3	41.7	36.4	36.7	36.2	32.9	31.7	33.9	56.5	57.8	55.2	46.2	47.8	44.8
45 years and over.....	20.5	20.0	21.1	26.1	25.1	27.1	8.5	8.3	8.7	29.0	27.9	30.0	21.2	20.1	22.2
RURAL POPULATION.															
All ages: 1920.....	15,217	7,374	7,843	9,820	5,141	4,679	3,249	1,620	1,629	1,814	929	885	328	176	148
Under 5 years.....	1,302	675	627	789	402	387	471	246	225	7	5	2	33	20	13
Under 1 year.....	289	142	147	170	87	83	111	51	60	-----	-----	-----	7	3	4
5 to 9 years.....	1,372	676	696	821	402	419	502	258	244	17	6	11	30	9	21
10 to 14 years.....	1,332	723	609	785	432	353	472	247	225	45	24	21	29	19	10
15 to 19 years.....	1,215	624	591	746	393	353	373	176	197	69	42	27	27	13	14
20 to 44 years.....	5,152	2,636	2,516	3,134	1,649	1,485	984	473	511	906	442	404	126	71	55
45 years and over.....	4,814	2,526	2,288	3,526	1,867	1,669	444	219	225	767	408	359	76	41	35
Age unknown.....	30	14	16	19	6	13	3	1	2	3	2	1	5	-----	-----
Per cent: 1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	8.6	8.6	8.5	8.0	7.8	8.3	14.5	15.2	13.8	0.4	0.5	0.2	10.1	11.2	8.8
Under 1 year.....	2.0	2.0	2.0	2.0	2.0	2.0	3.2	3.2	3.2	0.0	0.0	0.0	1.0	1.0	1.0
5 to 9 years.....	9.0	8.6	9.5	8.4	7.8	9.0	15.5	15.9	15.0	0.9	0.6	1.2	9.2	5.1	14.2
10 to 14 years.....	8.8	9.2	8.3	8.0	8.4	7.5									

POPULATION—RHODE ISLAND.

TABLE 4.—ILLITERACY, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Per cent not shown where base is less than 100.]

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
				Native parentage.			Foreign or mixed parentage.								
	Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
THE STATE: 1920															
10 years and over.....	483,788	31,312	6.5	134,973	694	0.5	169,252	1,561	0.9	171,032	28,169	16.5	8,192	839	10.2
Male.....	237,116	14,168	6.0	66,892	372	0.6	80,830	742	0.9	84,933	12,521	14.7	4,214	491	11.7
Female.....	246,672	17,144	7.0	68,111	322	0.5	88,422	819	0.9	86,099	15,648	18.2	3,978	348	8.7
10 to 15 years.....	63,739	204	0.3	18,343	31	0.2	39,006	93	0.2	5,480	76	1.4	886	4	0.5
Male.....	31,346	107	0.3	9,199	15	0.2	18,976	59	0.3	2,713	35	1.3	444	1	0.2
Female.....	32,393	97	0.3	9,144	16	0.2	20,030	37	0.2	2,767	41	1.5	442	3	0.7
16 to 20 years.....	51,412	789	1.5	14,899	30	0.2	27,091	129	0.5	8,686	613	7.1	752	15	2.0
Male.....	26,050	338	1.3	8,104	17	0.2	13,453	73	0.5	4,102	236	5.8	374	10	2.7
Female.....	25,362	451	1.8	6,795	13	0.2	13,638	56	0.4	4,584	377	8.2	378	5	1.3
21 years and over.....	368,637	30,319	8.2	101,761	633	0.6	103,155	1,339	1.3	156,866	27,480	17.5	6,554	820	12.5
Male.....	179,720	13,723	7.6	49,559	340	0.7	48,396	613	1.3	78,118	12,250	15.7	3,396	480	14.1
Female.....	188,917	16,596	8.8	52,202	293	0.6	54,759	726	1.3	78,748	15,230	19.3	3,158	340	10.8
URBAN POPULATION.															
10 years and over.....	471,245	30,603	6.5	126,763	510	0.4	166,976	1,494	0.9	169,242	27,743	16.4	7,929	808	10.2
Male.....	230,593	13,791	6.0	62,525	280	0.4	79,714	711	0.9	84,015	12,287	14.6	4,065	472	11.6
Female.....	240,652	16,812	7.0	64,238	230	0.4	87,262	783	0.9	85,227	15,456	18.1	3,864	336	8.7
10 to 15 years.....	62,150	199	0.3	17,405	30	0.2	38,444	91	0.2	5,425	74	1.4	853	4	0.5
16 to 20 years.....	50,227	773	1.5	14,124	28	0.2	26,756	127	0.5	8,606	601	7.0	727	15	2.1
21 years and over.....	358,868	29,631	8.3	95,234	452	0.5	101,776	1,276	1.3	155,211	27,068	17.4	6,349	789	12.4
RURAL POPULATION.															
10 years and over.....	12,543	709	5.7	8,210	184	2.2	2,276	67	2.9	1,790	426	23.8	263	31	11.8
Male.....	6,523	377	5.8	4,337	92	2.1	1,116	31	2.8	918	234	25.5	149	19	12.8
Female.....	6,020	332	5.5	3,873	92	2.4	1,160	36	3.1	872	192	22.0	114	12	10.6
10 to 15 years.....	1,589	5	0.3	938	1	0.1	562	2	0.4	55	2	.....	33	.....	.....
16 to 20 years.....	1,185	16	1.4	745	2	0.3	335	2	0.6	80	12	.....	25	.....	.....
21 years and over.....	9,769	688	7.0	6,527	181	2.8	1,379	63	4.6	1,655	412	24.9	205	31	15.1
THE STATE: 1910															
10 years and over.....	440,065	33,854	7.7	129,279	944	0.7	130,449	2,309	1.8	171,904	29,781	17.3	7,913	752	9.5
Male.....	219,221	16,192	7.4	64,420	516	0.8	63,069	1,047	1.7	87,501	14,201	16.2	3,839	370	9.6
Female.....	220,844	17,662	8.0	64,859	428	0.7	67,380	1,262	1.9	84,403	15,580	18.5	4,074	382	9.4
10 to 15 years.....	58,394	534	0.9	16,274	39	0.2	31,007	152	0.5	8,204	336	4.1	861	7	0.8
Male.....	28,095	264	0.9	8,223	24	0.3	15,343	65	0.4	4,091	170	4.2	402	5	1.2
Female.....	28,299	270	1.0	8,046	15	0.2	15,659	87	0.6	4,113	166	4.0	459	2	0.4
16 to 20 years.....	53,446	2,902	5.4	14,537	49	0.3	23,137	329	1.4	14,941	2,490	16.7	807	34	4.2
Male.....	27,292	1,472	5.4	7,679	26	0.3	11,721	188	1.6	7,511	1,233	16.5	370	20	5.4
Female.....	26,154	1,430	5.5	6,858	23	0.3	11,416	141	1.2	7,430	1,252	16.9	437	14	3.2
21 years and over.....	330,225	30,418	9.2	98,468	856	0.9	76,305	1,828	2.4	148,759	26,955	18.1	6,245	711	11.4
Male.....	163,834	14,456	8.8	48,513	466	1.0	36,000	794	2.2	75,899	12,793	16.9	3,067	345	11.2
Female.....	166,391	15,962	9.6	49,955	390	0.8	40,305	1,034	2.6	72,860	14,162	19.4	3,178	366	11.5
URBAN POPULATION.															
10 years and over.....	425,215	32,923	7.7	119,184	791	0.7	128,649	2,254	1.8	169,338	29,104	17.2	7,525	706	9.4
Male.....	211,345	15,620	7.4	59,125	410	0.7	62,164	1,008	1.6	86,051	13,801	16.0	3,614	343	9.5
Female.....	213,870	17,303	8.1	60,059	381	0.6	66,485	1,246	1.9	83,287	15,303	18.4	3,911	363	9.3
10 to 15 years.....	54,651	510	0.9	15,149	29	0.2	30,537	144	0.5	8,104	332	4.1	813	5	0.6
16 to 20 years.....	51,091	2,810	5.4	13,624	44	0.3	22,844	315	1.4	14,747	2,420	16.4	752	31	4.1
21 years and over.....	318,573	29,603	9.3	90,411	718	0.8	75,268	1,795	2.4	146,487	26,352	18.0	5,960	670	11.2
RURAL POPULATION.															
10 years and over.....	14,850	931	6.3	10,095	153	1.5	1,800	55	3.1	2,566	677	26.4	388	46	11.9
Male.....	7,876	572	7.3	5,295	106	2.0	905	39	4.3	1,450	400	27.6	225	27	12.0
Female.....	6,974	359	5.1	4,800	47	1.0	895	16	1.8	1,116	277	24.8	163	19	11.7
10 to 15 years.....	1,743	24	1.4	1,125	10	0.9	470	8	1.7	100	4	4.0	48	2	.....
16 to 20 years.....	1,455	92	6.3	913	5	0.5	293	14	4.8	194	70	36.1	55	3
21 years and over.....	11,652	815	7.0	8,057	138	1.7	1,037	33	3.2	2,272	603	26.5	285	41	14.4

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TABLE 5.—POPULATION 21 YEARS OF AGE AND OVER, BY SEX, CLASS OF POPULATION, AND CITIZENSHIP, FOR THE STATE: 1920 AND 1910.

CLASS OF POPULATION AND CITIZENSHIP.	POPULATION 21 YEARS OF AGE AND OVER.			PER CENT DISTRIBUTION.			CLASS OF POPULATION AND CITIZENSHIP.	POPULATION 21 YEARS OF AGE AND OVER.			PER CENT DISTRIBUTION.		
	Male.		Female: 1920	Male.		Fe-male: 1920		Male.		Female: 1920	Male.		Fe-male: 1920
	1920	1910		1920	1910			1920	1910		1920	1910	
Total	173,720	163,834	188,917	100.0	100.0	100.0	Native white.....	97,955	84,513	106,961	54.5	51.6	53.6
White.....	176,073	160,412	185,709	98.0	97.9	98.3	Native parentage.....	49,559	48,513	52,202	27.6	29.6	27.6
Negro.....	3,396	3,067	3,158	1.9	1.9	1.7	Foreign parentage.....	36,689	25,101	40,913	20.4	17.2	21.7
Indian.....	40	74	38	(1)	(1)	(1)	Mixed parentage.....	11,707	7,699	13,846	6.5	4.8	7.3
Chinese.....	179	253	9	0.1	0.2	(1)	Foreign-born white.....	78,118	75,899	78,748	43.5	46.3	41.7
Japanese.....	28	28	1	(1)	(1)	(1)	Naturalized.....	38,212	32,040	39,093	21.3	19.6	21.2
All other.....	4	-----	2	(1)	-----	(1)	Having first papers.....	13,521	6,314	1,232	7.5	3.2	0.7
							Alien.....	23,562	31,096	33,445	13.1	19.5	17.7
							Unknown.....	2,823	6,549	4,108	1.6	4.0	2.2

¹ Less than one-tenth of 1 per cent.

TABLE 6.—COUNTRY OF BIRTH OF THE FOREIGN-BORN WHITE, FOR THE STATE AND PRINCIPAL CITIES: 1920.

COUNTRY OF BIRTH.	THE STATE.		PAWTUCKET.		PROVIDENCE.		COUNTRY OF BIRTH.	THE STATE.		PAWTUCKET.		PROVIDENCE.	
	Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.	Number.	Per cent distribution.
All countries.....	173,499	100.0	21,024	100.0	68,951	100.0	Ireland.....	22,253	12.8	2,733	13.0	11,900	17.3
Armenia.....	1,850	1.1	207	1.0	1,234	1.8	Italy.....	32,241	18.6	1,008	4.8	19,239	27.9
Atlantic Islands ¹	2,991	1.7	61	0.3	1,927	1.3	Lithuania.....	794	0.5	36	0.2	659	1.0
Austria.....	1,307	0.8	89	0.4	719	1.0	Norway.....	645	0.3	25	0.1	291	0.4
Belgium.....	1,968	0.6	97	0.5	141	0.2	Poland.....	8,158	4.7	938	4.5	2,289	3.3
Canada—French.....	28,887	16.6	3,697	17.6	3,436	5.0	Portugal.....	8,624	5.0	1,102	5.2	1,661	2.4
Canada—Other.....	7,625	4.3	881	4.2	3,583	5.2	Russia.....	8,055	4.6	503	2.4	5,610	8.1
England.....	25,782	14.9	5,778	27.5	8,740	12.7	Scotland.....	5,092	3.3	1,662	7.9	1,735	2.5
France.....	1,971	1.1	210	1.0	889	0.6	Sweden.....	0,542	3.8	476	2.3	2,709	3.6
Germany.....	3,126	1.8	500	2.4	1,392	2.0	Syria.....	1,285	0.7	388	1.8	265	0.4
Greece.....	1,219	0.7	315	1.5	432	0.6	All other countries.....	3,684	2.1	318	1.5	1,000	2.2

¹ Includes persons born in the Azores, as follows: The state, 2,789; Pawtucket, 19; Providence, 859.

TABLE 7.—INDIANS, CHINESE, AND JAPANESE, FOR COUNTIES AND FOR CITIES OF 25,000 OR MORE: 1920, 1910,
AND 1900.

COUNTY OR CITY.	INDIAN.			CHINESE.			JAPANESE.		
	1920	1910	1900	1920	1910	1900	1920	1910	1900
COUNTIES.									
The state.....	110	284	35	225	272	366	35	33	18
Bristol.....	—	1	4	8	2	7	2	—	—
Kent.....	6	7	—	9	2	7	—	1	—
Newport.....	9	14	2	14	19	15	11	5	11
Providence.....	52	212	27	189	244	326	22	27	2
Washington.....	43	50	2	5	5	11	—	—	—

POPULATION—RHODE ISLAND.

TABLE 8.—AGE, FOR CITIES AND TOWNS OF 10,000 OR MORE: 1920.

AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.		AGE PERIOD.	ALL CLASSES.		NATIVE WHITE.		FOREIGN-BORN WHITE.		NEGRO.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
Bristol.....	5,536	5,839	3,299	3,558	2,214	2,259	19	22	Pawtucket.....	31,158	33,090	20,653	22,211	10,302	10,722	181	151
Under 5 years.....	765	796	756	786	8	9	1	1	Under 5 years.....	3,203	3,277	3,160	3,220	25	30	18	17
Under 1 year.....	162	162	162	161	.....	.....	.....	.....	Under 1 year.....	666	643	667	637	2	1	7	5
5 to 9 years.....	573	587	507	508	62	78	4	1	5 to 9 years.....	2,919	2,888	2,798	2,738	110	136	11	13
10 to 14 years.....	497	515	404	424	93	90	1	1	10 to 14 years.....	2,687	2,865	2,421	2,558	260	291	5	14
15 to 19 years.....	484	579	303	345	180	234	1	.....	15 to 19 years.....	2,685	2,948	2,196	2,464	472	471	17	13
20 to 44 years.....	2,081	2,159	777	884	1,294	1,262	7	13	20 to 44 years.....	12,815	13,610	7,244	8,060	5,472	5,475	90	65
45 years and over.....	1,127	1,188	546	608	574	574	7	6	45 years and over.....	6,838	7,404	2,827	3,151	3,959	4,313	40	29
Age unknown.....	9	15	6	3	3	12	.....	.....	Age unknown.....	11	8	7	2	4	6	.....	.....
18 to 44 years.....	2,257	2,405	879	1,011	1,368	1,381	7	13	18 to 44 years.....	13,852	14,789	8,063	9,046	5,682	5,674	93	68
21 years and over.....	3,136	3,241	1,280	1,434	1,839	1,788	14	19	21 years and over.....	19,165	20,545	9,669	10,799	9,348	9,655	127	39
Central Falls.....	11,899	12,275	7,078	7,543	4,765	4,691	51	41	Providence.....	115,154	122,441	78,071	84,734	34,079	34,872	2,850	2,805
Under 5 years.....	1,425	1,410	1,392	1,375	22	24	11	11	Under 5 years.....	11,771	11,678	11,447	11,359	62	41	259	273
Under 1 year.....	311	260	308	257	2	1	1	2	Under 1 year.....	2,454	2,459	2,381	2,388	6	4	67	69
5 to 9 years.....	1,265	1,288	1,193	1,205	70	74	2	9	5 to 9 years.....	11,153	11,033	10,627	10,519	306	264	212	247
10 to 14 years.....	1,121	1,212	980	1,078	137	132	4	2	10 to 14 years.....	10,044	10,388	9,122	9,463	707	718	210	205
15 to 19 years.....	1,049	1,176	826	935	216	239	7	2	15 to 19 years.....	8,852	9,582	7,444	7,979	1,239	1,381	187	222
20 to 44 years.....	4,847	4,853	2,092	2,251	2,729	2,587	23	15	20 to 44 years.....	40,605	50,079	26,445	30,035	19,735	18,801	1,857	1,233
45 years and over.....	2,180	2,335	563	608	1,590	1,635	4	2	45 years and over.....	26,657	29,621	12,945	15,345	13,002	13,643	642	623
Age unknown.....	3	1	2	1	1	.....	.....	.....	Age unknown.....	72	60	41	34	28	24	3	2
18 to 44 years.....	5,272	5,394	2,416	2,634	2,828	2,683	25	17	18 to 44 years.....	50,126	53,893	29,325	33,103	19,301	19,456	1,432	1,324
21 years and over.....	6,847	6,874	2,555	2,810	4,260	4,148	27	16	21 years and over.....	71,576	77,754	38,079	43,879	31,410	32,031	1,953	1,825
Cranston.....	14,685	14,722	10,773	10,904	3,779	3,737	125	79	Warwick.....	6,669	6,812	5,069	5,238	1,497	1,489	99	83
Under 5 years.....	1,470	1,435	1,463	1,432	5	2	2	1	Under 5 years.....	652	711	642	665	4	4	10	12
Under 1 year.....	306	314	305	314	.....	.....	.....	.....	Under 1 year.....	115	143	113	142	2	2	1	1
5 to 9 years.....	1,444	1,376	1,408	1,334	33	39	3	3	5 to 9 years.....	656	631	628	614	18	16	10	11
10 to 14 years.....	1,309	1,224	1,224	1,132	81	88	4	4	10 to 14 years.....	619	642	570	606	35	29	12	6
15 to 19 years.....	1,141	1,055	968	889	167	167	11	9	15 to 19 years.....	537	552	475	490	53	53	9	9
20 to 44 years.....	5,631	5,788	3,635	3,832	1,926	1,929	65	26	20 to 44 years.....	2,367	2,512	1,626	1,777	707	705	34	30
45 years and over.....	3,078	3,329	2,074	2,275	1,563	1,517	39	36	45 years and over.....	1,838	1,762	1,128	1,056	684	690	24	15
Age unknown.....	12	15	6	10	4	5	1	.....	Age unknown.....	2	.....	.....	.....	2	.....	.....	.....
18 to 44 years.....	6,067	6,184	3,997	4,147	1,997	2,008	68	28	18 to 44 years.....	2,575	2,710	1,807	1,949	729	728	39	33
21 years and over.....	9,121	9,415	5,655	5,939	3,455	3,413	103	61	21 years and over.....	4,127	4,188	2,680	2,755	1,378	1,387	58	45
Cumberland.....	5,033	5,044	3,363	3,423	1,669	1,620	.....	1	West Warwick.....	7,578	7,883	5,193	5,421	2,376	2,452	4	7
Under 5 years.....	800	493	556	488	4	5	.....	.....	Under 5 years.....	930	936	916	925	13	10	.....	.....
Under 1 year.....	98	95	93	94	.....	.....	.....	.....	Under 1 year.....	165	199	165	197	.....	.....	.....	.....
5 to 9 years.....	463	506	453	493	10	13	.....	.....	5 to 9 years.....	839	815	808	781	31	33	.....	.....
10 to 14 years.....	463	463	419	425	44	38	.....	.....	10 to 14 years.....	768	760	693	691	74	69	.....	.....
15 to 19 years.....	438	389	356	329	82	60	.....	.....	15 to 19 years.....	694	767	592	651	102	115	.....	.....
20 to 44 years.....	1,941	1,966	1,099	1,177	842	788	.....	1	20 to 44 years.....	2,775	2,954	1,560	1,724	1,202	1,225	1	1
45 years and over.....	1,165	1,225	479	517	685	714	.....	.....	45 years and over.....	1,568	1,648	614	648	951	968	3	2
Age unknown.....	3	2	1	.....	2	2	.....	.....	Age unknown.....	4	3	1	1	3	2	.....	.....
18 to 44 years.....	2,100	2,114	1,222	1,300	878	813	.....	1	18 to 44 years.....	3,046	3,255	1,795	1,965	1,247	1,285	1	4
21 years and over.....	3,038	3,098	1,516	1,613	1,521	1,484	.....	1	21 years and over.....	4,220	4,446	2,082	2,260	2,131	2,179	4	6
East Providence.....	10,750	11,043	7,991	8,316	2,447	2,416	305	310	Woonsocket.....	21,191	22,305	13,126	14,257	7,997	8,029	51	19
Under 5 years.....	1,240	1,307	1,200	1,247	5	7	35	53	Under 5 years.....	2,389	2,371	2,313	2,305	64	62	12	4
Under 1 year.....	208	225	204	213	.....	.....	4	12	Under 1 year.....	455	480	446	473	6	5	3	2
5 to 9 years.....	1,130	1,164	1,060	1,102	33	22	37	40	5 to 9 years.....	2,176	2,181	2,034	2,040	140	141	.....	.....
10 to 14 years.....	1,007	1,029	925	958	53	45	29	26	10 to 14 years.....	1,996	2,168	1,699	1,842	297	325	.....	.....
15 to 19 years.....	855	846	714	701	113	124	27	21	15 to 19 years.....	2,051	2,281	1,575	1,740	474	540	.....	.....
20 to 44 years.....	4,081	4,290	2,675	2,889	1,236	1,258	117	117	20 to 44 years.....	8,272	8,936	4,132	4,760	4,101	4,165	30	11
45 years and over.....	2,436	2,405	1,416	1,418	957	934	60	53	45 years and over.....	4,304	4,360	1,371	1,565	2,920	2,793	7	2
Age unknown.....	1	2	1	1	.....	1	.....	.....	Age unknown.....	3	8	2	5	1	3	.....	.....
18 to 44 years.....	4,301	4,631	2,921	3,156	1,338	1,348	129	126	18 to 44 years.....	9,113	9,823	4,762	5,407	4,310	4,404	30	12
21 years and over.....	6,382	6,551	3,965	4,187	2,222	2,196	169	167	21 years and over.....	12,204	12,884	5,220	6,035	6,024	6,837	36	12
Newport.....	16,488	13,767	12,995	9,889	2,709	3,043	760	847	Newport.....	16,488	13,767	12,995	9,889	2,709	3,043	760	847
Under 5 years.....	1,349	1,192	1,281	1,121	4	4	63	66	Under 5 years.....	1,349	1,192	1,281	1,121	4	4	63	66
Under 1 year.....	295	248	263	233	.....	.....	12	15	Under 1 year.....	295	248	263	233	.....	.....	12	15
5 to 9 years.....	1,220	1,154	1,146	1,090	14	22	59	60	5 to 9 years.....	1,220	1,154	1,146	1,090	14	22	59	60
10 to 14 years.....	1,123	1,149	1,032	1,048	32	34	57	66	10 to 14 years.....	1,123	1,149	1,032	1,048	32	34	57	66
15 to 19 years.....	816	996	2,989	878	110	57	62	80	15 to 19 years.....	816	996	2,989	878	110	57	62	80
20 to 44 years.....	6,340	5,726	4,762	3,827	1,246	1,547	324	350	20 to 44 years.....	6,340	5,726	4,762	3,827	1,246	1,547	324	350
45 years and over.....	3,238	3,545	1,780	1,912	1,800	1,377	195	255	45 years and over.....	3,238	3,545	1,780	1,912	1,800	1,377	195	255
Age unknown.....	9	.....	5	3	8	2	.....	.....	Age unknown.....	9	.....	5	3	8	2	.....	.....
18 to 44 years.....	8,137	6,096	6,474	4,142	1,302	1,575	353	376	18 to 44 years.....	8,137	6,096	6,474	4,142	1,302	1,575	353	376
21 years and over.....	9,264	9,042	6,212	5,543	2,531	2,905	501	591	21 years and over.....	9,264	9,042	6,212	5,543	2,531	2,905	501	591

COMPOSITION AND CHARACTERISTICS.

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TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920.

SUBJECT.	THE STATE.	Bristol.	Kent.	Newport.	Providence.	Washington.
COLOR OR RACE, NATIVITY, AND SEX.						
Total population.....	604,397	23,113	38,269	42,893	475,190	24,932
Male.....	297,524	11,345	18,807	22,915	232,077	12,380
Female.....	306,873	11,768	19,462	19,978	243,113	12,552
Native white.....	420,481	14,942	28,476	32,959	323,982	20,122
Male.....	205,967	7,215	13,936	18,137	156,772	9,907
Female.....	214,514	7,727	14,540	14,822	167,210	10,215
Native white—Native parentage.....	173,553	5,280	13,079	18,327	123,031	13,836
Native white—Foreign parentage.....	182,060	7,622	11,139	10,311	149,101	4,427
Native white—Mixed parentage.....	64,268	2,040	4,258	4,321	51,790	1,869
Foreign-born white.....	173,499	8,035	9,551	8,146	143,783	3,984
Male.....	86,184	4,044	4,741	3,909	71,418	2,052
Female.....	87,315	3,991	4,810	4,237	72,365	1,932
Negro.....	10,036	126	227	1,754	7,151	778
Male.....	5,066	78	120	843	3,600	395
Female.....	4,940	48	107	911	3,491	383
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	381	10	15	34	274	48
Per cent native white.....	69.6	64.6	74.4	76.8	68.2	80.7
Per cent foreign-born white.....	28.7	34.8	25.0	19.0	30.3	16.0
Per cent Negro.....	1.7	0.5	0.6	4.1	1.5	8.1
1910: Total population.....						
Native white.....	542,610	17,602	36,378	39,335	424,353	24,942
Foreign-born white.....	354,467	11,355	25,028	28,444	269,689	10,951
Negro.....	178,025	6,091	11,074	8,972	147,790	4,098
Per cent native white.....	85.3	64.5	68.8	72.3	63.6	80.0
Per cent foreign-born white.....	32.8	34.6	30.4	22.8	34.8	16.4
Per cent Negro.....	1.8	0.9	0.7	4.8	1.5	3.4
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.						
Total under 7 years of age.....	85,986	3,990	5,774	5,359	67,594	3,260
Total 7 to 13 years, inclusive.....	78,318	3,266	5,280	5,148	61,510	3,114
Number attending school.....	74,872	3,029	5,130	4,697	59,024	2,992
Per cent attending school.....	95.6	92.7	97.2	91.2	96.0	96.1
Total 14 and 15 years.....	20,044	831	1,337	1,347	15,694	835
Number attending school.....	11,827	403	749	1,031	9,007	677
Per cent attending school.....	59.0	48.5	56.0	70.5	57.8	69.1
Total 16 and 17 years.....	21,019	883	1,365	2,023	16,006	742
Number attending school.....	5,527	180	355	510	4,205	277
Per cent attending school.....	26.3	20.4	26.0	25.2	26.3	37.3
Total 18 to 20 years, inclusive.....	30,393	1,148	1,848	3,355	23,022	1,020
Number attending school.....	3,273	93	266	266	2,490	158
Per cent attending school.....	10.8	8.1	14.4	7.9	10.8	15.5
Males 21 years of age and over.....	179,720	6,431	11,132	13,030	141,286	7,841
Native white—Native parentage.....	49,559	1,593	3,816	5,600	34,056	4,494
Native white—Foreign or mixed parentage.....	48,396	1,266	2,945	3,254	39,681	1,220
Foreign-born white.....	78,118	3,473	4,292	3,593	64,879	1,881
Naturalized.....	38,212	1,226	2,241	2,322	31,486	937
First papers.....	13,521	507	722	327	11,662	303
Alien.....	23,562	1,671	1,106	767	19,479	539
Unknown.....	2,823	69	223	177	2,252	102
Negro.....	3,396	62	73	501	2,471	229
Indian, Chinese, Japanese, and all other.....	251	7	6	22	199	17
Females 21 years of age and over.....	188,917	6,564	11,533	12,631	150,078	8,111
Native white—Native parentage.....	52,202	1,755	3,876	4,782	37,123	4,066
Native white—Foreign or mixed parentage.....	54,750	1,467	3,240	3,235	45,375	1,442
Foreign-born white.....	78,748	3,307	4,354	3,977	65,342	1,768
Naturalized.....	39,963	1,214	2,357	2,508	32,880	1,004
First papers.....	1,232	37	65	50	1,068	6
Alien.....	33,445	1,062	1,690	1,173	27,977	643
Unknown.....	4,108	94	243	240	3,417	115
Negro.....	8,158	34	61	634	2,210	219
Indian, Chinese, Japanese, and all other.....	50	1	2	3	28	16
Males 18 to 44 years, inclusive.....	126,465	4,484	7,310	10,504	99,809	4,558
Females 18 to 44 years, inclusive.....	131,333	4,697	7,771	8,384	105,678	4,803
ILLITERACY.						
Total 10 years of age and over.....	483,788	17,629	30,201	35,268	330,408	20,282
Number illiterate.....	31,812	2,655	2,218	1,341	24,022	1,076
Per cent illiterate.....	6.6	15.1	7.3	3.8	6.3	5.3
Per cent illiterate in 1910.....	7.7	13.0	8.9	6.0	7.7	4.6
Native white.....	304,225	9,697	20,600	25,696	232,504	15,728
Number illiterate.....	2,255	69	343	87	1,488	208
Per cent illiterate.....	0.7	0.7	1.7	0.3	0.6	1.7
Foreign-born white.....	171,032	7,817	9,411	8,054	141,831	3,919
Number illiterate.....	28,169	2,579	1,856	1,144	21,823	767
Per cent illiterate.....	16.5	33.0	19.7	14.2	15.4	19.6
Negro.....	8,192	107	178	1,489	5,823	595
Number illiterate.....	839	7	18	109	667	38
Per cent illiterate.....	10.2	6.5	10.1	7.3	11.5	6.4
Total 16 to 20 years, inclusive.....	51,412	2,031	3,213	5,378	39,028	1,762
Number illiterate.....	789	150	52	50	527	10
Per cent illiterate.....	1.5	7.4	1.6	0.9	1.4	0.6
Illiterate males 21 years of age and over.....	13,723	1,201	1,017	657	10,382	466
Per cent of all males 21 years of age and over.....	7.6	18.7	9.1	5.0	7.3	5.9
Native white.....	953	31	170	38	595	119
Foreign-born white.....	12,250	1,166	838	563	9,558	326
Negro.....	490	4	9	55	291	21
Illiterate females 21 years of age and over.....	16,596	1,291	1,137	615	12,601	592
Per cent of all females 21 years of age and over.....	8.8	19.7	9.9	4.9	8.6	7.3
Native white.....	1,019	27	136	28	836	144
Foreign-born white.....	15,230	1,261	991	587	12,009	432
Negro.....	340	3	9	52	261	15
DWELLINGS AND FAMILIES.						
Dwellings, number.....	98,861	3,805	7,713	7,740	74,037	5,557
Families, number.....	137,160	5,108	8,850	9,481	107,252	6,469

TABLE 10.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR CITIES AND TOWNS OF 10,000 OR MORE: 1920.

[Per cent not shown where base is less than 100.]

SUBJECT.	CITIES OF 25,000 OR MORE.					CITIES AND TOWNS OF 10,000 TO 25,000.					
	Cranston.	Newport.	Pawtucket.	Providence.	Woonsocket.	Bristol town.	Central Falls city.	Cumberland town.	East Providence town.	Warwick town. ¹	West Warwick town. ¹
COLOR OR RACE, NATIVITY, AND SEX.											
Total population	29,407	30,255	64,248	287,595	43,496	11,375	24,174	10,077	21,793	13,481	15,481
Male	14,685	16,488	31,158	115,154	21,191	5,536	11,899	5,033	10,750	6,669	7,578
Female	14,722	13,767	33,090	122,441	22,305	5,839	12,275	5,044	11,043	6,812	7,883
Native white	21,677	22,864	42,864	162,805	27,383	6,857	14,621	6,786	16,307	10,307	10,614
Male	10,773	12,995	20,653	78,071	13,126	3,299	7,078	3,363	7,991	5,069	5,193
Female	10,904	9,869	22,211	84,734	14,257	3,558	7,543	3,423	8,316	5,238	5,421
Native white—Native parentage	11,151	12,275	14,780	63,728	6,760	2,276	3,014	2,149	8,278	5,556	5,707
Native white—Foreign parentage	7,794	7,173	19,070	76,048	14,726	3,686	8,720	3,364	5,589	3,285	5,421
Native white—Mixed parentage	2,732	3,416	8,414	23,029	5,897	895	2,887	1,273	2,440	1,466	1,797
Foreign-born white	7,516	5,752	21,024	68,951	16,026	4,473	9,456	3,289	4,863	2,986	4,828
Male	3,779	2,709	10,302	34,079	7,997	2,214	4,765	1,669	2,447	1,407	2,376
Female	3,737	3,043	10,722	34,872	8,029	2,259	4,691	1,620	2,416	1,489	2,452
Negro	204	1,607	332	5,655	70	41	92	1	615	182	11
Male	125	760	181	2,850	51	19	51	—	305	99	4
Female	79	847	151	2,805	19	22	41	1	310	83	7
Indian, Chinese, Japanese, and all other (see Table 7)	10	32	28	184	17	4	5	1	8	6	8
Per cent native white	73.7	75.6	66.7	68.5	63.0	60.3	60.5	67.3	74.8	76.5	68.7
Per cent foreign-born white	25.6	19.0	32.7	29.0	36.8	39.3	39.1	32.6	22.3	22.1	31.2
Per cent Negro	0.7	5.3	0.5	2.4	0.2	0.4	0.4	(²)	2.8	1.4	0.1
1910: Total population	21,167	27,149	51,622	224,326	38,125	8,565	22,754	10,107	15,808	26,629	—
Native white	15,182	19,256	33,394	142,320	21,556	5,569	12,068	6,427	11,988	17,437	—
Foreign-born white	5,674	6,256	17,956	76,303	16,539	2,951	10,664	3,678	3,380	9,010	—
Negro	245	1,600	234	5,316	20	43	11	1	435	173	—
Per cent native white	71.9	70.9	64.7	63.4	56.5	65.0	53.0	63.6	75.8	65.5	—
Per cent foreign-born white	26.9	23.0	34.8	34.0	43.4	34.5	46.9	36.4	21.4	33.8	—
Per cent Negro	1.2	5.9	0.5	2.4	0.1	0.5	(²)	(²)	2.8	0.6	—
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.											
Total under 7 years of age	4,076	3,467	8,791	32,497	6,515	2,015	3,891	1,412	3,455	1,890	2,545
Total 7 to 13 years, inclusive	3,700	3,285	7,954	29,824	5,948	1,527	3,371	1,360	3,047	1,789	2,218
Number attending school	3,522	3,046	7,662	28,554	5,712	1,328	3,207	1,299	2,908	1,750	2,144
Per cent attending school	95.2	92.7	96.3	95.7	96.4	87.0	97.8	95.5	95.4	97.8	96.7
Total 14 and 15 years	936	839	2,181	7,421	1,615	385	883	344	729	459	574
Number attending school	659	702	1,144	4,824	752	203	414	127	475	311	279
Per cent attending school	70.4	83.7	52.5	65.0	46.6	52.7	46.9	36.9	65.2	67.8	48.1
Total 16 and 17 years	910	1,586	2,380	7,424	1,807	447	895	352	696	456	600
Number attending school	830	1,367	2,181	7,369	1,766	417	877	346	682	456	600
Per cent attending school	90.1	86.2	92.5	99.1	97.7	93.3	97.5	97.2	97.9	99.1	100.0
Total 18 to 20 years, inclusive	1,249	2,772	3,282	11,099	2,523	624	1,313	473	953	572	858
Number attending school	194	205	312	1,414	212	37	101	29	87	58	182
Per cent attending school	15.5	7.4	9.5	13.2	8.4	5.9	7.7	6.1	9.1	10.2	13.9
Males 21 years of age and over	9,121	9,264	19,165	71,576	12,204	3,136	6,847	3,038	6,362	4,127	4,220
Native white—Native parentage	3,410	3,539	3,727	18,257	1,434	604	620	518	2,357	1,668	740
Native white—Foreign or mixed parentage	2,145	2,673	5,942	19,822	3,795	586	1,935	998	1,603	1,021	1,342
Foreign-born white	3,455	2,531	9,348	31,410	6,924	1,839	4,280	1,521	2,222	1,378	2,131
Naturalized	1,759	1,861	5,168	15,217	2,852	515	1,831	817	969	762	1,060
First papers	732	253	1,384	5,573	1,552	239	909	133	378	227	301
Alien	676	291	2,487	9,662	2,295	1,046	1,440	540	757	300	672
Unknown	288	126	309	958	225	39	80	31	113	89	98
Negro	103	501	127	1,953	30	14	27	—	169	58	4
Females 21 years of age and over	9,415	9,042	20,545	77,754	12,884	3,241	6,974	3,098	6,551	4,188	4,446
Native white—Native parentage	3,690	2,881	3,879	20,644	1,664	754	656	513	2,398	1,658	816
Native white—Foreign or mixed parentage	2,249	2,662	6,920	23,255	4,371	680	2,154	1,100	1,789	1,097	1,444
Foreign-born white	3,413	2,905	9,655	32,031	6,837	1,783	4,148	1,484	2,190	1,387	2,179
Naturalized	1,844	1,991	5,510	16,051	2,893	543	1,883	753	1,102	831	1,088
First papers	53	49	102	564	102	12	76	6	26	8	33
Alien	1,104	688	3,522	13,941	3,366	1,172	2,027	676	935	441	945
Unknown	322	177	431	1,475	476	61	162	49	133	107	113
Negro	61	591	89	1,825	12	19	16	1	167	45	6
Males 18 to 44 years, inclusive	6,067	8,137	13,852	50,126	9,113	2,257	5,272	2,100	4,391	2,575	3,046
Females 18 to 44 years, inclusive	6,184	6,096	14,789	53,893	9,823	2,405	5,334	2,114	4,631	2,710	3,255
ILLITERACY.											
Total 10 years of age and over	23,682	25,340	51,961	191,960	34,379	8,654	18,786	8,055	16,952	10,831	11,941
Number illiterate	1,528	543	2,324	11,417	3,086	1,801	1,880	349	900	415	1,400
Per cent illiterate	6.5	2.1	4.5	5.9	9.0	21.5	10.0	4.3	5.3	3.8	11.7
Per cent illiterate in 1910	7.7	2.9	5.4	7.7	9.1	12.5	9.3	5.8	6.2	10.6	—
Native white	16,040	18,230	30,939	118,853	18,691	4,300	9,456	4,796	11,698	7,728	7,184
Number illiterate	173	38	165	421	306	41	128	18	24	35	211
Per cent illiterate	1.1	0.2	0.5	0.4	1.6	1.0	1.4	0.4	0.2	0.5	2.9
Foreign-born white	7,437	5,708	20,723	68,278	15,619	4,316	9,266	3,257	4,796	2,958	4,741
Number illiterate	1,333	411	2,141	10,434	2,758	1,820	1,745	330	824	366	1,186
Per cent illiterate	17.9	7.2	10.3	15.3	17.7	42.2	18.8	10.1	17.2	12.4	25.0
Negro	195	1,869	273	4,664	52	35	59	1	450	139	11
Number illiterate	21	93	15	530	16	—	7	—	52	14	2
Per cent illiterate	10.8	6.8	5.5	11.4	—	—	—	—	11.6	10.1	—
Total 16 to 20 years, inclusive	2,159	4,358	5,612	18,523	4,330	1,071	2,208	825	1,649	1,028	1,458
Number illiterate	42	13	85	184	90	131	31	9	31	13	36
Per cent illiterate	1.9	0.3	1.5	1.0	2.1	12.2	1.4	1.1	1.9	1.3	2.5
Illiterate males 21 years of age and over	649	244	1,009	4,695	1,396	872	884	143	440	174	662
Per cent of all males 21 years of age and over	7.1	2.6	5.3	6.6	11.4	27.8	12.9	4.7	6.9	4.2	16.7
Native white	75	16	52	144	132	22	54	6	8	19	106
Foreign-born white	561	181	949	4,209	1,250	850	828	136	405	148	555
Negro	12	46	6	314	9	—	2	—	32	7	1
Illiterate females 21 years of age and over	823	276	1,212	6,473	1,568	852	965	194	422	227	695
Per cent of all females 21 years of age and over	8.7	3.1	5.9	8.3	12.2	26.3	13.8	6.3	6.4	5.4	15.6
Native white	67	11	94	200	137	16	68	10	13	10	81
Foreign-born white	747	220	1,109	6,065	1,425	836	892	184	389	210	612
Negro	9	45	8	204	6	—	5	—	20	7	1
DWELLINGS AND FAMILIES.											
Dwellings, number	5,811	4,895	10,609	35,634	5,841	1,706	2,742	1,754	4,421	3,049	2,665
Families, number	6,360	6,440	14,675	54,726	9,080	2,485	5,118	2,204	5,026	3,291	3,281

¹ West Warwick town organized from part of Warwick town since 1910.² Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

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TABLE 11.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR TOWNS OF 2,500 TO 10,000: 1920.

SUBJECT.	Barrington.	Burrillville.	Coventry.	East Greenwich.	Johnston.	Lincoln.	North Kingstown.	North Providence.
COLOR OR RACE, NATIVITY, AND SEX.								
Total population.....	3,897	8,606	5,670	3,290	8,855	9,543	3,397	7,697
Male.....	1,949	4,301	2,790	1,576	3,449	4,720	1,661	3,764
Female.....	1,948	4,305	2,880	1,714	3,406	4,817	1,736	3,933
Native white—Native parentage.....	1,375	2,595	2,468	1,055	1,363	1,553	2,619	1,607
Native white—Foreign or mixed parentage.....	1,470	3,788	2,037	1,057	3,240	4,590	472	3,262
Foreign-born white.....	1,042	2,189	1,161	549	2,250	3,351	242	2,770
Negro.....	10	21	4	28	2	43	64	56
Indian, Chinese, Japanese, and all other.....		13		1		6		2
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.								
Total under 7 years of age.....	720	1,212	887	395	1,238	1,436	335	1,351
Total 7 to 13 years, inclusive.....	572	1,128	835	394	1,161	1,305	377	1,190
Number attending school.....	552	1,068	811	390	1,118	1,253	366	1,172
Total 14 and 15 years.....	141	317	180	112	264	357	129	267
Number attending school.....	83	112	76	77	120	149	99	108
Total 16 to 20 years, inclusive.....	261	706	437	263	572	911	237	638
Number attending school.....	67	89	43	65	73	92	54	51
Males 21 years of age and over.....	1,094	2,612	1,621	1,041	1,846	2,756	1,113	2,087
Native white—Native parentage.....	423	649	770	534	393	389	865	383
Native white—Foreign or mixed parentage.....	181	886	333	241	392	896	131	488
Foreign-born white.....	487	1,064	516	257	1,060	1,459	97	1,199
Naturalized.....	211	600	248	167	447	797	64	661
Negro.....	3	8	2	8	1	10	20	15
Females 21 years of age and over.....	1,109	2,691	1,710	1,085	1,774	2,778	1,206	2,164
Native white—Native parentage.....	471	670	788	530	397	385	878	435
Native white—Foreign or mixed parentage.....	191	992	402	288	425	872	176	489
Foreign-born white.....	443	993	518	259	951	1,512	136	1,230
Naturalized.....	216	558	261	171	406	815	97	634
Negro.....	4	3	2	8	1	16	16	10
ILLITERACY.								
Total 10 years of age and over.....	2,922	6,904	4,420	2,714	5,079	7,517	2,890	5,806
Number illiterate.....	315	640	310	71	633	371	274	274
Native whites 10 years of age and over.....	1,697	4,720	3,271	2,150	2,860	4,195	2,598	3,023
Number illiterate.....	112	58	75	8	21	40	25	4
Foreign-born whites 10 years of age and over.....	1,017	2,156	1,145	540	2,217	3,293	240	2,745
Number illiterate.....	303	478	241	61	612	326	16	290
Illiterate males 21 years of age and over.....	131	249	141	30	280	188	17	95
Illiterate females 21 years of age and over.....	172	275	170	41	341	181	28	174
DWELLINGS AND FAMILIES.								
Dwellings, number.....	776	1,669	1,213	685	1,161	1,514	904	1,325
Families, number.....	888	1,888	1,343	832	1,407	2,057	997	1,726

SUBJECT.	North Smithfield.	Portsmouth.	Scituate.	Smithfield.	South Kingstown.	Tiverton.	Warren.	Westerly.
COLOR OR RACE, NATIVITY, AND SEX.								
Total population.....	3,200	2,590	3,006	3,199	5,181	3,894	7,841	9,952
Male.....	1,699	1,300	1,516	1,619	2,540	1,937	3,860	4,913
Female.....	1,601	1,290	1,490	1,680	2,632	1,957	3,981	5,039
Native white—Native parentage.....	1,087	1,072	2,148	1,109	3,430	1,465	1,629	3,481
Native white—Foreign or mixed parentage.....	1,353	915	697	1,156	939	1,559	3,611	3,625
Foreign-born white.....	738	584	260	902	528	848	2,520	2,587
Negro.....	22	19	1	32	275	20	75	228
Indian, Chinese, Japanese, and all other.....					9	2	6	31
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.								
Total under 7 years of age.....	504	452	454	530	608	604	1,255	1,612
Total 7 to 13 years, inclusive.....	457	419	368	441	613	622	1,167	1,332
Number attending school.....	431	396	351	427	577	526	1,149	1,295
Total 14 and 15 years.....	113	111	92	111	152	160	305	357
Number attending school.....	54	68	51	38	112	75	117	225
Total 16 to 20 years, inclusive.....	288	189	219	231	322	352	699	681
Number attending school.....	30	31	31	17	71	49	78	155
Males 21 years of age and over.....	924	723	960	941	1,676	1,073	2,201	2,935
Native white—Native parentage.....	294	357	673	316	1,122	465	476	1,052
Native white—Foreign or mixed parentage.....	289	104	152	218	217	232	529	573
Foreign-born white.....	335	255	129	396	253	367	1,147	1,236
Naturalized.....	127	90	47	138	121	165	500	594
Negro.....	6	7	1	11	79	7	45	64
Females 21 years of age and over.....	914	696	913	945	1,810	1,083	2,214	3,035
Native white—Native parentage.....	316	357	631	316	1,209	433	520	1,205
Native white—Foreign or mixed parentage.....	269	83	163	238	274	230	596	649
Foreign-born white.....	323	250	119	381	247	404	1,076	1,100
Naturalized.....	161	105	61	152	132	205	455	596
Negro.....	6	6		10	78	7	11	68
ILLITERACY.								
Total 10 years of age and over.....	2,509	1,946	2,397	2,467	4,304	3,040	6,053	7,736
Number illiterate.....	349	252	99	236	101	199	479	618
Native whites 10 years of age and over.....	1,777	1,382	2,137	1,568	3,568	2,189	3,500	5,093
Number illiterate.....	51	21	38	26	16	15	16	18
Foreign-born whites 10 years of age and over.....	716	566	259	871	522	834	2,484	2,538
Number illiterate.....	298	230	61	202	78	184	456	589
Illiterate males 21 years of age and over.....	167	130	53	112	51	99	198	252
Illiterate females 21 years of age and over.....	180	102	39	120	47	91	267	355
DWELLINGS AND FAMILIES.								
Dwellings, number.....	568	556	720	629	1,352	811	1,323	1,694
Families, number.....	686	616	807	755	1,438	874	1,735	2,353

POPULATION—RHODE ISLAND.

TABLE 12.—COUNTRY OF BIRTH OF THE FOREIGN-BORN WHITE, FOR COUNTIES AND FOR CITIES AND TOWNS OF
10,000 OR MORE: 1920.

COUNTY, CITY, OR TOWN.	Total foreign-born white.	COUNTRY OF BIRTH.																				
		Armenia.	Atlantic Islands.	Austria.	Belgium.	Canada—French.	Canada—Other.	England.	France.	Germany.	Greece.	Ireland.	Italy.	Lithuania.	Norway.	Poland.	Portugal.	Russia.	Scotland.	Sweden.	Syria.	All other countries.
COUNTIES.																						
The state.....	173,499	1,850	12,891	1,307	968	28,887	7,525	25,732	1,971	3,126	1,219	22,253	32,241	794	545	8,158	8,624	8,055	5,692	6,542	1,285	3,084
Bristol.....	8,035	2	340	6	.....	893	224	515	37	86	.....	516	2,144	9	16	430	2,449	80	42	67	67	112
Kent.....	9,551	20	14	42	144	2,955	294	1,104	108	146	8	545	1,313	11	25	714	638	86	245	1,016	7	128
Newport.....	8,146	14	1,081	96	3	92	588	927	87	220	209	1,988	493	20	76	63	778	314	354	344	46	363
Providence.....	143,783	1,813	1,553	1,153	816	24,798	6,230	22,408	1,710	2,569	987	18,851	20,753	752	416	6,906	4,756	7,490	4,054	5,048	1,148	2,961
Washington.....	3,984	1	3	10	5	140	189	828	29	85	15	353	1,538	2	12	45	15	85	406	67	17	130
CITIES AND TOWNS.																						
Bristol town.....	4,473	.....	67	3	.....	142	138	158	17	32	.....	265	1,269	4	6	.....	2,228	62	25	15	5	33
Central Falls.....	9,456	122	.....	27	63	3,737	77	1,647	47	34	35	801	10	10	1	1,358	152	507	340	27	406	145
Cranston.....	7,516	32	23	48	6	302	525	1,011	80	305	12	647	2,641	11	35	51	165	105	108	132	16	476
Cumberland town ..	3,289	2	8	90	50	318	74	1,053	23	23	23	577	55	7	1	419	373	38	70	37	.....	178
East Providence town ..	4,833	90	516	13	3	171	433	586	20	83	2	535	429	6	35	23	989	54	156	586	8	285
Newport.....	5,752	14	133	93	3	58	382	625	81	182	205	1,829	466	14	68	52	290	302	309	318	43	125
Pawtucket.....	21,024	207	161	89	97	3,697	881	5,778	210	500	315	2,733	1,008	36	25	938	1,102	503	1,662	476	388	318
Providence.....	68,051	1,234	1,927	719	141	8,436	3,583	8,740	389	1,362	432	11,900	19,239	291	2,289	1,661	5,610	1,735	2,709	265	1,000	77
Warwick town ..	2,986	20	4	6	21	342	191	592	17	77	3	222	550	4	21	11	77	18	130	820	3	45
West Warwick town.....	4,828	.....	10	33	92	2,057	55	360	55	46	4	206	559	7	.....	430	542	44	69	211	8	253
Woonsocket.....	16,026	85	3	105	409	9,328	288	705	802	48	139	774	785	21	8	1,431	63	550	114	53	61	253

¹ Includes persons born in the Azores (see footnote to Table 6).

TABLE 13.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR WARDS OF CITIES OF 50,000 OR MORE: 1920.

SUBJECT.	PAWTUCKET.						
	THE CITY.	WARD.					
		1	2	3	4	5	6
COLOR OR RACE, NATIVITY, AND SEX.							
Total population.....	64,248	11,114	11,625	11,873	10,668	10,124	8,844
Male.....	31,158	5,476	5,534	5,880	5,011	4,847	4,410
Female.....	33,090	5,638	6,091	5,993	5,657	5,277	4,434
Native white.....	42,864	7,406	8,167	7,836	7,792	6,336	5,327
Male.....	20,653	3,606	3,930	3,787	3,689	3,030	2,631
Female.....	22,211	3,800	4,237	4,049	4,123	3,306	2,696
Native white—Native parentage.....	14,780	2,184	3,285	2,389	3,301	1,804	1,817
Native white—Foreign parentage.....	19,670	3,650	3,382	3,976	3,004	3,228	2,430
Native white—Mixed parentage.....	8,414	1,572	1,500	1,471	1,487	1,304	1,080
Foreign-born white.....	21,024	3,684	3,413	3,957	2,812	3,765	3,393
Male.....	10,302	1,855	1,582	2,054	1,312	1,804	1,695
Female.....	10,722	1,829	1,831	1,903	1,500	1,961	1,698
Negro.....	332	20	45	79	55	22	111
Male.....	181	11	22	38	27	12	71
Female.....	151	9	23	41	28	10	40
Indian, Chinese, and Japanese.....	28	4	.....	1	9	1	13
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP							
Total under 7 years of age.....	8,791	1,816	1,640	1,096	1,283	1,399	1,048
Total 7 to 13 years, inclusive.....	7,954	1,532	1,437	1,530	1,198	1,237	1,020
Number attending school.....	7,662	1,482	1,398	1,469	1,182	1,174	977
Total 14 and 15 years.....	2,181	421	413	422	305	367	253
Number attending school.....	1,144	233	223	195	198	162	133
Total 16 and 17 years.....	2,330	420	423	455	371	377	284
Number attending school.....	541	110	104	88	109	76	56
Total 18 to 20 years, inclusive.....	3,282	545	580	596	511	583	467
Number attending school.....	312	68	46	54	60	43	32
Males 21 years of age and over.....	19,165	3,138	3,352	3,572	3,208	2,965	2,930
Native white—Native parentage.....	3,727	518	842	560	863	406	533
Native white—Foreign or mixed parentage.....	5,942	922	1,066	1,135	1,119	912	788
Foreign-born white.....	9,348	1,688	1,430	1,852	1,209	1,638	1,531
Naturalized.....	5,168	868	892	885	751	916	856
Negro.....	127	6	14	24	15	8	60
Females 21 years of age and over.....	20,545	3,242	3,871	3,602	3,792	3,196	2,842
Native white—Native parentage.....	3,879	493	954	550	958	399	525
Native white—Foreign or mixed parentage.....	6,920	1,108	1,269	1,328	1,417	1,021	777
Foreign-born white.....	9,655	1,635	1,636	1,698	1,401	1,772	1,513
Naturalized.....	5,510	900	991	925	894	957	843
Negro.....	89	6	12	26	14	4	27
Males 18 to 44 years, inclusive.....	13,852	2,327	2,375	2,663	2,193	2,202	2,092
Females 18 to 44 years, inclusive.....	14,789	2,403	2,728	2,685	2,497	2,360	2,116
ILLITERACY.							
Total 10 years of age and over.....	51,981	8,617	9,432	9,498	8,872	8,190	7,352
Number illiterate.....	2,324	571	322	685	202	419	125
Native white.....	30,939	4,962	6,037	5,543	6,041	4,462	3,894
Number illiterate.....	165	23	25	32	21	62	2
Foreign-born white.....	20,723	3,036	3,358	3,890	2,785	3,710	3,344
Number illiterate.....	2,141	545	296	648	180	355	117
Negro.....	273	15	37	64	39	17	101
Number illiterate.....	15	2	1	5	.....	2	5
Total 16 to 20 years, inclusive.....	5,612	965	1,003	1,051	882	960	751
Number illiterate.....	85	13	8	40	10	13	1
Illiterate males 21 years of age and over.....	1,009	257	142	208	75	184	53
Native white.....	52	7	8	11	6	19	1
Foreign-born white.....	949	248	134	284	69	165	49
Negro.....	6	1	.....	3	.....	.....	2
Illiterate females 21 years of age and over.....	1,212	300	172	343	115	211	71
Native white.....	94	14	14	19	14	32	1
Foreign-born white.....	1,109	285	158	322	100	177	67
Negro.....	8	1	.....	2	.....	2	3
DWELLINGS AND FAMILIES.							
Dwellings, number.....	10,609	1,671	2,201	1,880	1,854	1,542	1,461
Families, number.....	14,675	2,443	2,766	2,578	2,509	2,363	2,016
COUNTRY OF BIRTH OF FOREIGN-BORN WHITE.							
Armenia.....	207	138	39	14	3	13	.....
Canada—French.....	3,697	898	565	236	572	1,037	889
Canada—Other.....	881	109	354	84	193	56	85
England.....	5,778	885	845	563	741	1,325	1,439
France.....	210	19	31	16	51	66	27
Germany.....	500	87	241	33	68	31	40
Greece.....	315	6	4	204	46	2	53
Ireland.....	2,733	404	494	782	563	215	275
Italy.....	1,008	12	39	755	19	134	49
Poland.....	938	565	74	94	48	36	121
Portugal.....	1,102	28	20	611	71	294	78
Russia.....	503	135	57	35	100	26	150
Scotland.....	1,662	170	226	235	116	356	559
Sweden.....	476	28	130	132	98	34	54
Syria.....	388	141	206	36	3	1	1
All other countries.....	626	79	88	127	120	139	73

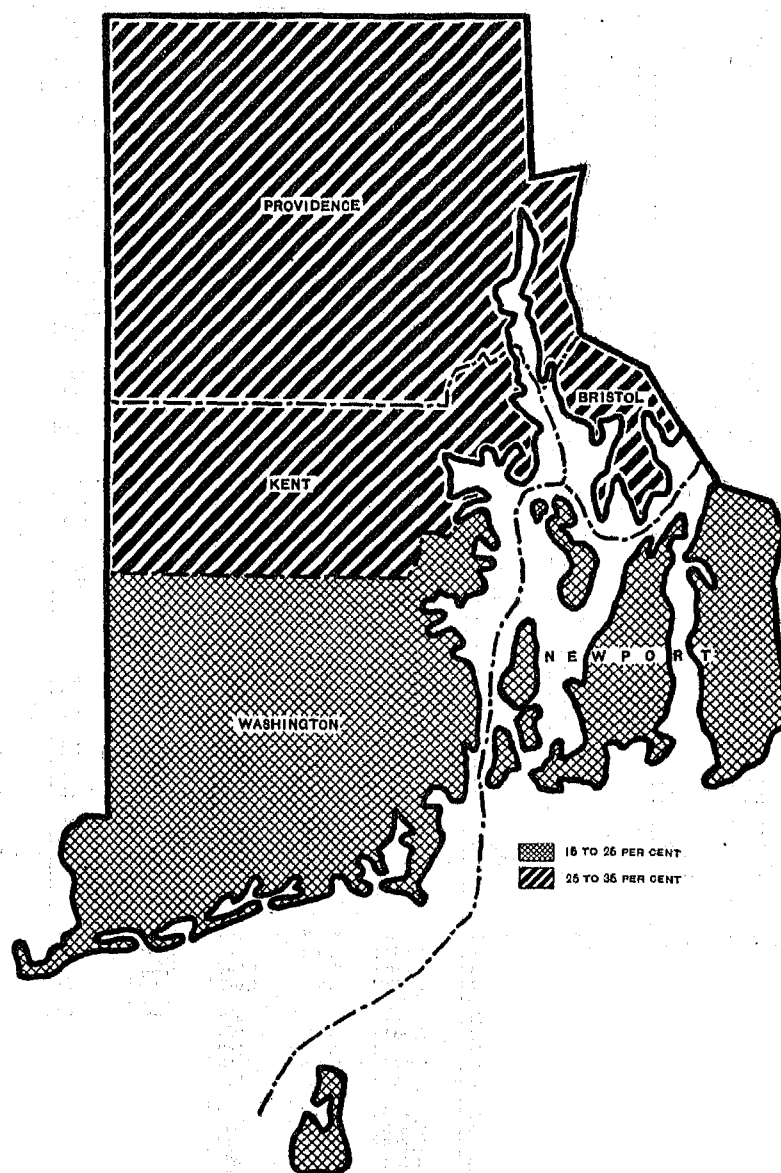
POPULATION—RHODE ISLAND.

TABLE 13.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR WARDS OF CITIES OF 50 000 OR MORE: 1920—Continued.

SUBJECT.	PROVIDENCE.										
	THE CITY.	WARD.									
		1	2	3	4	5	6	7	8	9	10
COLOR OR RACE, NATIVITY, AND SEX.											
Total population.....	237,595	20,071	23,038	29,477	18,010	21,962	25,811	18,758	26,845	29,414	24,209
Male.....	115,154	9,205	10,659	14,661	9,708	10,248	12,314	8,733	12,888	14,824	11,861
Female.....	122,441	10,866	12,379	14,816	8,247	11,714	13,497	10,025	13,959	14,590	12,348
Native white.....	162,805	12,740	17,093	18,135	11,991	15,733	20,433	13,620	18,755	17,323	16,982
Male.....	78,071	5,898	8,050	8,672	6,299	7,330	9,815	6,405	8,934	8,289	8,379
Female.....	84,734	6,842	9,043	9,463	5,692	8,403	10,618	7,215	9,821	9,034	8,603
Native white—Native parentage.....	63,728	6,411	8,435	3,783	6,961	11,153	6,887	6,216	3,305	5,071	5,071
Native white—Foreign parentage.....	76,048	5,026	6,137	12,055	5,012	6,046	6,160	4,489	9,370	12,184	8,969
Native white—Mixed parentage.....	23,029	1,303	2,521	2,297	1,563	2,126	3,120	2,244	3,160	1,744	2,942
Foreign-born white.....	68,951	5,643	5,223	11,051	5,364	6,007	5,015	3,770	8,051	11,627	7,200
Male.....	34,079	2,366	2,279	5,823	3,082	2,804	2,330	1,699	3,930	6,304	3,462
Female.....	34,872	3,277	2,944	5,228	2,282	3,203	2,685	2,071	4,121	5,323	3,738
Negro.....	5,655	1,673	715	288	549	209	354	1,359	28	455	25
Male.....	2,850	929	323	163	287	106	163	623	13	225	18
Female.....	2,805	744	392	125	262	103	191	736	15	230	7
Indian, Chinese, Japanese, and all other.....	184	15	7	3	106	13	9	9	11	9	2
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.											
Total under 7 years of age.....	32,497	2,269	2,691	5,227	1,632	2,414	2,727	1,992	4,090	5,595	3,860
Total 7 to 13 years, inclusive.....	29,824	2,041	2,611	4,476	1,611	2,365	3,015	2,098	3,662	4,472	3,473
Number attending school.....	28,554	1,974	2,530	4,379	1,520	2,229	2,947	1,951	3,562	4,223	3,239
Total 14 and 15 years.....	7,421	562	692	1,037	436	659	733	576	865	992	869
Number attending school.....	4,824	425	517	604	307	487	572	393	514	511	494
Total 16 and 17 years.....	7,424	570	674	1,031	434	675	810	607	895	931	797
Number attending school.....	2,359	267	317	251	115	214	373	204	229	202	197
Total 18 to 20 years, inclusive.....	11,099	947	1,009	1,493	797	1,141	1,131	872	1,286	1,265	1,158
Number attending school.....	1,414	185	198	139	68	133	230	113	123	124	101
Males 21 years of age and over.....	71,576	6,038	6,880	8,243	7,277	6,669	8,146	5,698	7,606	8,309	6,710
Native white—Native parentage.....	18,257	1,951	2,388	859	2,233	1,896	3,398	1,980	1,548	976	1,028
Native white—Foreign or mixed parentage.....	19,822	1,208	2,121	1,996	1,847	2,097	2,442	1,712	2,415	1,474	2,450
Foreign-born white.....	31,410	2,132	2,150	5,259	2,894	2,608	2,202	1,614	3,628	5,693	3,230
Naturalized.....	15,217	840	1,222	2,173	1,176	1,498	1,642	1,063	1,855	2,017	1,831
Negro.....	1,953	678	214	126	217	65	98	386	8	161	.....
Females 21 years of age and over.....	77,754	7,044	8,481	7,970	5,823	8,039	9,249	6,915	8,441	7,850	7,342
Native white—Native parentage.....	20,644	2,580	2,868	898	1,802	2,380	3,776	2,373	1,775	1,103	1,029
Native white—Foreign or mixed parentage.....	23,235	1,566	2,598	2,359	1,714	2,608	2,832	2,105	2,852	1,786	2,815
Foreign-born white.....	32,031	2,998	2,748	4,634	2,121	2,978	2,539	1,971	3,803	4,743	3,496
Naturalized.....	16,051	954	1,494	2,035	1,057	1,720	1,763	1,326	2,010	1,712	1,980
Negro.....	1,825	498	267	79	180	71	99	403	10	156	2
Males 18 to 44 years, inclusive.....	50,126	4,099	4,609	6,217	5,008	4,617	5,268	3,732	5,365	6,274	4,937
Females 18 to 44 years, inclusive.....	53,893	4,955	5,591	6,160	4,097	5,385	6,007	4,434	5,997	5,887	5,380
ILLITERACY.											
Total 10 years of age and over.....	191,980	16,946	19,196	22,247	15,678	18,557	21,756	15,847	21,119	21,781	18,833
Number illiterate.....	11,417	1,596	599	2,411	747	584	71	243	1,225	2,966	976
Native white.....	118,853	10,014	13,390	11,071	9,774	12,416	10,504	10,987	13,103	9,923	11,665
Number illiterate.....	421	39	39	36	25	47	13	40	68	58	56
Foreign-born white.....	68,278	5,543	5,102	10,924	5,332	5,971	4,977	3,745	7,983	11,465	7,146
Number illiterate.....	10,434	1,229	522	2,338	634	525	52	167	1,156	2,893	918
Negro.....	4,664	1,376	601	249	475	164	266	1,106	23	334	20
Number illiterate.....	530	325	38	36	64	10	6	36	1	14	.....
Total 16 to 20 years, inclusive.....	18,523	1,517	1,683	2,524	1,231	1,816	1,941	1,479	2,181	2,106	1,955
Number illiterate.....	184	61	6	27	16	8	.....	4	21	26	15
Illiterate males 21 years of age and over.....	4,695	821	205	891	416	210	25	93	458	1,177	399
Native white.....	144	13	16	11	12	13	7	16	29	17	10
Foreign-born white.....	4,209	586	175	890	344	191	16	66	428	1,155	388
Negro.....	314	220	14	10	38	5	2	11	1	4	.....
Illiterate females 21 years of age and over.....	6,473	703	385	1,459	313	359	44	143	740	1,744	553
Native white.....	200	17	19	17	10	24	4	17	31	29	32
Foreign-born white.....	6,065	585	343	1,459	276	329	36	101	709	1,706	521
Negro.....	204	100	23	13	25	5	4	25	.....	9	.....
DWELLINGS AND FAMILIES.											
Dwellings, number.....	35,634	3,159	4,223	3,900	2,180	3,337	5,351	3,236	3,974	2,905	3,309
Families, number.....	54,726	4,628	5,654	6,101	3,608	5,568	6,709	4,893	6,197	5,990	5,378
COUNTRY OF BIRTH OF FOREIGN-BORN WHITE.											
Armenia.....	1,234	14	50	306	194	90	29	137	75	203	46
Atlantic Islands.....	1,927	867	8	8	2	21	13	7	.....	.....	1
Austria.....	719	28	73	123	39	296	46	41	24	19	30
Canada—French.....	3,436	45	122	189	325	209	152	518	742	336	798
Canada—Other.....	3,583	288	444	232	492	384	596	368	322	156	301
England.....	8,740	306	545	977	565	550	1,242	826	1,898	424	1,407
France.....	389	26	16	55	46	25	24	34	49	49	65
Germany.....	1,392	37	61	118	133	142	219	205	284	84	109
Greece.....	432	33	30	56	231	36	2	7	5	80	2
Ireland.....	11,900	1,818	1,494	1,034	810	1,374	993	873	1,108	648	1,748
Italy.....	19,239	31	52	4,882	1,361	263	61	97	2,506	9,043	943
Lithuania.....	659	3	282	149	.....	13	.....	3	99	60	50
Poland.....	2,289	12	290	392	32	247	25	23	389	71	808
Portugal.....	1,691	1,331	11	23	145	47	22	17	18	18	29
Russia.....	5,610	283	1,208	1,793	220	1,461	302	64	121	34	124
Scotland.....	1,735	97	151	186	192	118	214	154	133	107	333
Sweden.....	2,709	210	218	213	336	459	771	208	54	48	192
All other countries.....	2,297	214	168	225	241	272	304	188	174	297	214

1 Includes 859 persons born in the Azores.

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



POPULATION—RHODE ISLAND.

TABLE 14.—AGE, BY QUINQUENNIAL PERIODS, WITH SINGLE YEARS FOR PERSONS UNDER 25, FOR THE STATE: 1920.

[Per cent not shown where base is less than 100.]

AGE.	ALL CLASSES: 1920		NATIVE WHITE: 1920						FOREIGN-BORN WHITE: 1920		NEGRO: 1920		INDIAN, CHINESE, JAPANESE, AND ALL OTHER: 1920	
			Native parentage.		Foreign parentage.		Mixed parentage.							
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
All ages, number.....	297,524	306,873	86,368	87,185	88,657	94,003	30,942	33,326	86,164	87,335	5,096	4,940	297	84
Under 5 years.....	31,295	31,061	10,642	10,413	14,553	14,600	5,360	5,277	249	244	482	515	9	12
Under 1 year.....	6,406	6,340	2,269	2,203	2,890	2,905	1,120	1,083	18	17	108	131	1	1
5 to 9 years.....	29,113	29,140	8,864	8,661	14,061	14,195	4,795	4,835	982	992	400	447	11	10
10 to 14 years.....	26,573	27,263	7,814	7,748	11,762	12,390	4,434	4,539	2,168	2,205	381	371	14	10
15 to 19 years.....	26,198	25,457	8,168	6,835	9,634	10,053	3,967	4,172	3,775	4,011	347	385	7	1
20 to 24 years.....	24,826	27,512	6,854	7,011	8,366	9,240	3,171	3,588	5,975	7,267	445	399	15	7
25 to 29 years.....	25,137	26,530	6,423	6,704	6,646	7,219	2,519	2,850	9,045	9,316	481	434	23	7
30 to 34 years.....	23,131	24,087	5,812	6,181	4,950	5,489	1,834	2,181	10,050	9,844	456	385	29	2
35 to 39 years.....	22,822	23,122	5,600	5,651	4,252	4,732	1,466	1,822	10,977	10,440	485	472	42	5
40 to 44 years.....	19,794	20,104	4,921	5,178	3,583	4,072	1,109	1,329	9,715	9,133	444	389	22	5
45 to 49 years.....	18,895	18,548	4,789	4,655	3,504	3,834	876	985	9,277	8,756	408	313	41	3
50 to 54 years.....	15,726	15,904	4,036	4,033	2,690	3,075	536	670	8,165	7,875	275	247	24	4
55 to 59 years.....	11,288	11,740	3,147	3,295	1,856	2,118	359	427	5,736	5,729	164	167	26	4
60 to 64 years.....	8,901	9,747	3,179	3,345	1,353	1,640	233	318	3,989	4,292	131	149	16	3
65 to 69 years.....	6,121	6,738	2,397	2,596	686	794	160	173	2,798	3,069	74	104	6	2
70 to 74 years.....	3,886	4,653	1,787	2,133	278	331	72	94	1,683	2,005	58	90	8	1
75 to 79 years.....	2,240	2,840	1,003	1,378	120	136	32	40	959	1,245	34	41	2	1
80 to 84 years.....	993	1,505	631	836	26	57	12	11	412	581	12	18	2	2
85 to 89 years.....	344	587	197	355	13	11	3	7	124	203	7	10	1	1
90 to 94 years.....	75	152	46	94	2	2	2	3	26	51	1	2	1	1
95 to 99 years.....	15	41	8	25	2	2	2	3	5	15	2	2	1	1
100 years and over.....	151	142	60	58	22	15	4	5	54	62	9	2	2	1
Age unknown.....	151	142	60	58	22	15	4	5	54	62	9	2	2	1
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	10.5	10.1	12.3	11.9	16.4	15.5	17.3	15.8	0.3	0.3	9.5	10.4	3.0	3.0
Under 1 year.....	2.2	2.1	2.6	2.5	3.3	3.1	3.6	3.2	(1)	(1)	2.1	2.7	0.3	0.3
5 to 9 years.....	9.8	9.5	10.3	9.9	15.9	15.1	15.5	14.5	1.1	1.1	7.8	9.0	3.7	3.7
10 to 14 years.....	8.9	8.9	9.0	8.9	13.3	13.2	14.3	13.6	2.5	2.5	7.5	7.5	4.7	4.7
15 to 19 years.....	8.8	8.3	9.5	7.8	11.2	10.7	12.8	12.5	4.4	4.6	6.8	7.8	2.4	2.4
20 to 24 years.....	8.3	9.0	7.9	8.0	9.4	9.8	10.2	10.8	6.9	8.3	8.7	8.1	5.1	5.1
25 to 29 years.....	8.4	8.6	7.4	7.7	7.5	7.7	8.1	8.6	10.5	10.7	9.4	8.8	7.7	7.7
30 to 34 years.....	7.8	7.8	6.7	7.1	5.6	5.8	5.9	6.5	11.7	11.3	8.9	7.8	9.8	9.8
35 to 39 years.....	7.7	7.5	6.6	6.5	4.8	5.0	4.7	5.5	12.7	12.0	9.5	8.6	14.1	14.1
40 to 44 years.....	6.7	6.6	5.7	5.9	4.0	4.3	3.6	4.0	11.3	10.5	8.7	7.9	7.4	7.4
45 to 49 years.....	6.4	6.0	5.5	5.3	4.0	4.1	2.8	3.0	10.8	10.0	8.0	6.3	13.8	13.8
50 to 54 years.....	5.3	5.2	4.7	4.6	3.0	3.3	1.7	2.0	9.5	9.0	5.4	5.0	8.1	8.1
55 to 59 years.....	3.8	3.8	3.6	3.8	2.1	2.3	1.2	1.3	6.7	6.6	3.2	3.4	8.8	8.8
60 to 64 years.....	3.0	3.2	3.7	3.8	1.5	1.7	0.8	1.0	4.6	4.9	2.6	3.0	5.4	5.4
65 to 74 years.....	3.4	3.7	4.8	5.4	1.1	1.2	0.7	0.8	5.2	5.8	2.6	3.9	4.7	4.7
75 to 84 years.....	1.1	1.4	1.9	2.5	0.2	0.2	0.1	0.2	1.6	2.1	0.9	1.2	0.7	0.7
85 to 94 years.....	0.1	0.2	0.3	0.5	(1)	(1)	(1)	(1)	0.2	0.3	0.2	0.2	0.2	0.2
95 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Age unknown.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Year of age (1-24).....														
1 year.....	6,362	6,290	2,280	2,216	2,835	2,813	1,100	1,118	38	43	95	96	4	4
2 years.....	6,378	6,359	2,153	2,089	3,002	3,016	1,077	1,103	45	45	100	104	1	2
3 years.....	6,122	6,202	2,009	2,038	2,910	2,988	1,051	1,028	54	52	97	94	1	2
4 years.....	6,037	5,870	1,931	1,867	2,916	2,878	1,012	945	94	87	82	90	2	3
5 years.....	5,905	5,823	1,841	1,766	2,905	2,887	979	982	97	98	81	89	2	1
6 years.....	5,970	5,932	1,800	1,793	2,939	2,909	970	991	163	131	94	107	4	1
7 years.....	5,921	5,938	1,818	1,798	2,835	2,881	980	957	212	212	73	87	3	3
8 years.....	5,736	5,829	1,755	1,699	2,748	2,816	920	947	240	276	73	87	3	4
9 years.....	5,581	5,618	1,650	1,605	2,634	2,702	946	958	270	275	79	77	2	1
10 years.....	5,558	5,517	1,706	1,573	2,545	2,647	882	899	345	331	77	66	3	1
11 years.....	5,260	5,537	1,574	1,585	2,353	2,549	892	936	354	412	82	52	1	3
12 years.....	5,595	5,790	1,624	1,682	2,569	2,630	912	936	413	445	73	94	4	3
13 years.....	5,172	5,270	1,474	1,465	2,245	2,382	895	874	485	473	70	74	3	2
14 years.....	4,992	5,149	1,436	1,443	2,050	2,182	853	894	571	544	79	85	3	1
15 years.....	4,773	5,130	1,385	1,396	2,008	2,191	772	910	545	562	63	71	3	1
16 years.....	5,091	5,370	1,414	1,468	2,047	2,156	798	858	762	801	70	89	3	1
17 years.....	5,579	4,979	1,885	1,348	2,014	1,934	822	816	794	810	60	71	4	1
18 years.....	5,602	4,919	1,822	1,270	2,017	1,911	850	759	848	899	62	79	3	1
19 years.....	5,153	5,069	1,682	1,353	1,848	1,861	725	831	826	939	92	75	3	1
20 years.....	4,625	5,035	1,321	1,326	1,658	1,852	679	657	872	1,135	90	64	5	1
21 years.....	5,055	5,222	1,431	1,388	1,801	1,857	698	706	1,044	1,202	80	68	1	1
22 years.....	5,111	5,706	1,380	1,492	1,715	1,845	644	712	1,276	1,563	92	93	4	1
23 years.....	5,012	5,781	1,382	1,408	1,625	1,883	572	767	1,351	1,646	80	76	2	1
24 years.....	5,023	5,768	1,340	1,397	1,567	1,803	578	746	1,432	1,721	108	98	3	3

¹ Less than one-tenth of 1 per cent.

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[Per cent not shown where base is less than 100.]

³Totals include persons of unknown age.

POPULATION—RHODE ISLAND.

TABLE 16.—TOTAL, WHITE, AND COLORED POPULATION, WITH STATE OF BIRTH FOR NATIVES, FOR THE STATE: 1920.

NATIVITY AND STATE OF BIRTH.	All classes: 1920	White: 1920	Colored: ¹ 1920	PER CENT DISTRIBUTION OF TOTAL.						PER CENT DIS- TRIBUTION OF NATIVE WHITE.	
				All classes.		White.		Colored.		1920	1910
				1920	1910	1920	1910	1920	1910		
Total population.....	804,397	593,980	10,417	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....
Native.....	429,208	420,481	8,727	71.0	67.0	70.8	66.6	83.8	89.0	100.0	100.0
Born in—											
Rhode Island.....	324,792	320,209	4,523	53.7	49.2	53.9	49.4	43.4	42.2	76.2	74.2
Massachusetts.....	47,092	46,537	555	7.8	7.4	7.8	7.5	5.3	4.5	11.1	11.3
Connecticut.....	13,575	13,335	240	2.2	2.5	2.2	2.5	2.3	3.4	3.2	3.8
New York.....	13,011	12,765	246	2.2	2.3	2.1	2.3	2.4	2.4	3.0	3.4
Maine.....	4,887	4,874	13	0.8	0.9	0.8	0.9	0.1	0.1	1.2	1.3
Pennsylvania.....	3,755	3,610	145	0.6	0.7	0.6	0.7	1.4	1.8	0.9	1.1
New Hampshire.....	3,736	3,730	6	0.6	0.6	0.6	0.6	0.1	0.1	0.9	0.9
Vermont.....	3,031	3,017	14	0.5	0.6	0.5	0.6	0.1	0.1	0.7	0.9
New Jersey.....	2,848	2,758	90	0.5	0.4	0.5	0.4	0.9	1.0	0.7	0.6
Virginia.....	1,860	498	1,362	0.3	0.4	0.1	0.1	13.1	16.0	0.1	0.1
Maryland.....	934	538	396	0.2	0.2	0.1	0.1	3.8	5.4	0.1	0.1
Other states.....	8,061	7,003	1,058	1.3	1.4	1.2	1.3	10.2	11.4	1.7	1.9
Other native ²	1,626	1,547	79	0.3	0.3	0.3	0.3	0.8	0.6	0.4	0.4
Foreign born.....	175,189	173,499	1,690	29.0	33.0	29.2	33.4	16.2	11.0	.....	.....

¹ Comprises persons of Negro descent, Indians, Chinese, Japanese, and all other; see Table 1.² Comprises persons born in the United States, state of birth not reported; persons born in outlying possessions, or at sea under United States flag; and persons of foreign birth whose parents were American citizens temporarily absent from the United States.

TABLE 17.—COUNTRY OF BIRTH OF THE FOREIGN-BORN POPULATION, WITH CITIZENSHIP OF THE FOREIGN-BORN WHITE, FOR THE STATE: 1920.

[See also Tables 5, 6, and 12.]

COUNTRY OF BIRTH.	TOTAL FOREIGN BORN.				FOREIGN-BORN WHITE.						FOREIGN-BORN WHITE 21 YEARS OF AGE AND OVER.		
	Both sexes.		Male.	Female.	Total.	Naturalized.		Having first papers.	Alien.	Citizen-ship not reported.	Total.	Naturalized.	
	Number.	Per cent distribution.				Number.	Per cent.					Number.	Percent.
Total.....	175,189	100.0	87,450	87,739	173,499	82,070	47.3	15,212	68,643	7,574	156,866	78,175	49.8
Canada.....	36,482	20.8	17,485	18,997	36,412	18,400	50.5	3,762	12,339	1,911	32,480	17,687	54.5
<i>French</i>	28,837	16.3	14,462	14,375	28,837	14,051	48.6	5,163	10,542	1,391	26,479	15,489	58.9
Italy.....	32,241	18.4	17,998	14,243	32,241	9,287	28.8	3,893	18,350	711	23,315	8,638	30.5
England.....	25,791	14.7	12,268	13,523	25,782	16,026	65.7	2,075	5,687	1,194	23,550	15,945	67.7
Ireland.....	22,253	12.7	8,600	13,653	22,253	15,009	67.4	1,163	4,477	1,604	21,989	14,918	67.8
Portugal.....	8,999	5.1	4,913	4,086	8,624	1,027	11.9	350	6,912	335	9,807	890	13.1
Poland.....	8,158	4.7	4,263	3,895	8,158	1,438	17.6	612	5,860	248	7,542	1,341	17.8
Russia.....	8,055	4.6	4,309	3,746	8,055	3,666	45.5	740	3,423	226	7,058	3,281	46.5
Sweden.....	6,542	3.7	3,142	3,400	6,542	4,401	67.3	521	1,397	223	6,298	4,266	68.2
Scotland.....	5,692	3.2	2,612	3,080	5,692	3,738	65.7	392	1,240	322	5,199	3,516	67.6
Atlantic Islands.....	3,950	2.3	2,313	1,637	2,991	566	18.9	131	2,199	95	2,518	544	21.6
Germany.....	3,126	1.8	1,536	1,590	3,126	2,378	76.1	188	411	149	3,020	2,334	77.3
France.....	1,971	1.1	955	1,016	1,971	838	42.5	240	805	88	1,641	747	45.5
Armenia.....	1,850	1.1	1,303	547	1,850	561	30.3	182	1,054	53	1,744	542	31.1
Austria.....	1,307	0.7	697	610	1,307	612	46.8	96	533	66	1,192	569	47.7
Syria.....	1,285	0.7	706	579	1,285	187	14.6	152	912	34	1,077	170	15.8
Greece.....	1,219	0.7	878	341	1,219	257	21.1	128	788	46	1,090	237	21.7
Belgium.....	968	0.6	504	464	968	291	30.1	150	486	41	827	265	32.0
All other countries.....	5,300	3.0	2,968	2,332	5,023	2,488	49.5	437	1,870	228	4,519	2,255	49.9

TABLE 18.—YEAR OF IMMIGRATION OF THE FOREIGN-BORN POPULATION, FOR THE STATE: 1920.

SEX.	Total foreign born: 1920	YEAR OF IMMIGRATION.							PER CENT OF TOTAL ARRIVING IN—						
		1918- 1919	1916- 1917	1911- 1915	1906- 1910	1901- 1905	1900 or earlier.	Year not reported.	1918- 1919	1916- 1917	1911- 1915	1906- 1910	1901- 1905	1900 or earlier.	Year not reported.
Both sexes.....	175,189	3,412	4,420	25,152	27,577	23,463	79,195	11,970	1.9	2.5	14.4	15.7	13.4	45.2	6.8
Male.....	87,450	1,649	2,100	13,205	14,353	12,322	39,637	4,184	1.9	2.4	15.1	16.4	14.1	45.3	4.8
Female.....	87,739	1,763	2,320	11,947	13,224	11,141	39,558	7,786	2.0	2.6	13.6	15.1	12.7	45.1	8.9

TABLE 19.—FOREIGN-BORN WHITE POPULATION UNABLE TO SPEAK ENGLISH, FOR THE STATE: 1920.

SEX.	FOREIGN-BORN WHITE 10 YEARS OF AGE AND OVER: 1920			FOREIGN-BORN WHITE 21 YEARS OF AGE AND OVER: 1920		
	Total number.	Unable to speak English.		Total number.	Unable to speak English.	
		Number.	Per cent.		Number.	Per cent.
Both sexes.....	171,032	21,620	12.6	156,866	20,648	13.2
Male.....	84,933	7,993	9.4	78,118	7,601	9.7
Female.....	86,099	13,627	15.8	78,748	13,047	16.6

TABLE 20.—SCHOOL ATTENDANCE, BY AGE PERIODS, FOR THE STATE: 1920.

[See also Table 2.]

CLASS OF POPULATION AND SEX.	Total number of persons attending school: 1920	PERSONS 7 TO 13 YEARS OF AGE.			PERSONS 14 AND 15 YEARS OF AGE.			PERSONS 16 AND 17 YEARS OF AGE.			PERSONS 18 TO 20 YEARS OF AGE.			OTHERS ATTENDING SCHOOL.	
		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Under 7 years of age.	21 years of age and over.
			Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		
All classes.....	110,838	78,318	74,872	95.6	20,044	11,827	59.0	21,019	5,527	26.3	30,393	3,273	10.8	13,822	1,517
Male.....	55,143	38,819	37,153	95.7	9,765	5,834	59.7	10,670	2,612	24.5	15,380	1,737	11.3	6,810	997
Female.....	55,695	39,499	37,719	95.5	10,279	5,993	58.3	10,349	2,915	28.2	15,013	1,536	10.2	7,012	520
Native white:															
Native parentage.....	34,989	23,008	22,110	96.1	5,660	4,091	72.3	6,115	2,273	37.2	8,754	1,384	15.8	4,499	632
Male.....	17,527	11,601	11,161	96.2	2,821	2,015	71.4	3,299	1,018	30.9	4,805	700	14.6	2,213	420
Female.....	17,462	11,407	10,949	96.0	2,839	2,076	73.1	2,816	1,255	44.6	3,949	684	17.3	2,285	212
Foreign parentage.....	49,176	36,536	35,022	95.9	8,431	4,431	52.6	8,151	1,807	22.2	11,147	1,023	9.2	6,490	403
Male.....	24,353	17,929	17,190	95.9	4,058	2,211	54.5	4,061	891	21.9	5,523	571	10.3	3,215	275
Female.....	24,823	18,607	17,832	95.8	4,373	2,220	50.8	4,090	916	22.4	5,624	452	8.0	3,275	128
Mixed parentage.....	18,506	12,934	12,455	96.3	3,429	2,069	60.3	3,292	927	28.2	4,501	493	11.0	2,402	160
Male.....	9,126	6,427	6,199	96.5	1,625	904	55.3	1,020	434	26.8	2,254	252	11.2	1,173	104
Female.....	9,380	6,507	6,256	96.1	1,804	1,105	61.3	1,672	493	29.5	2,247	241	10.7	1,229	56
Foreign-born white.....	6,594	4,743	4,272	90.1	2,222	1,018	45.8	3,167	424	13.4	5,519	324	5.9	251	305
Male.....	3,890	2,319	2,108	90.9	1,116	545	48.8	1,550	230	14.8	2,546	191	7.5	131	185
Female.....	3,204	2,424	2,164	89.3	1,106	473	42.8	1,611	194	12.0	2,973	133	4.5	120	120
Negro.....	1,528	1,004	981	92.2	298	214	71.8	290	96	33.1	462	47	10.2	174	16
Male.....	721	527	480	91.1	142	96	67.6	130	39	30.0	244	21	8.6	73	12
Female.....	807	537	501	93.3	156	118	75.6	160	57	35.6	218	26	11.9	101	4

TABLE 21.—SCHOOL ATTENDANCE, BY SINGLE YEARS FROM 5 TO 20, FOR THE STATE: 1920.

[See also Table 2.]

YEAR OF AGE.	NUMBER AND PER CENT OF TOTAL AT SPECIFIED AGE ATTENDING SCHOOL: 1920													
	All classes.						Native white.							
	Both sexes.		Male.		Female.		Native parentage.		Foreign parentage.		Mixed parentage.		Foreign-born white.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
5 years.....	4,037	34.4	1,984	33.6	2,053	35.3	1,404	38.9	1,818	31.4	721	36.8	53	27.2
6 years.....	9,281	78.0	4,870	76.5	4,411	79.4	2,916	81.2	4,448	70.1	1,592	81.2	189	64.3
7 years.....	10,923	92.1	5,456	92.1	5,467	92.1	3,353	93.6	5,251	91.9	1,797	92.8	350	82.6
8 years.....	10,912	94.4	5,425	94.6	5,487	94.1	3,280	95.1	5,265	94.6	1,762	94.4	457	85.0
9 years.....	10,663	95.2	5,312	95.2	5,351	95.2	3,101	95.3	5,090	95.4	1,842	96.7	480	89.2
10 years.....	10,738	96.9	5,389	97.0	5,347	96.9	3,175	96.8	5,068	97.0	1,731	97.2	421	91.9
11 years.....	10,566	97.3	5,117	97.4	5,389	97.3	3,092	97.9	4,780	97.5	1,791	98.0	710	92.7
12 years.....	11,087	97.4	5,458	97.6	5,629	97.2	3,224	97.5	5,085	97.8	1,817	98.3	794	92.5
13 years.....	10,045	96.2	4,996	96.6	5,049	95.8	2,849	96.9	4,483	96.9	1,715	96.9	854	89.1
14 years.....	7,090	69.9	3,570	71.5	3,520	68.4	2,350	81.8	2,702	63.8	1,241	71.0	652	58.5
15 years.....	4,737	47.8	2,204	47.4	2,473	48.2	1,735	62.4	1,729	41.2	828	49.2	366	33.1
16 years.....	3,305	31.6	1,524	29.9	1,781	33.2	1,325	46.0	1,000	25.9	565	34.2	263	10.8
17 years.....	2,222	21.2	1,088	19.5	1,134	22.8	948	29.3	717	18.2	362	22.1	161	10.0
18 years.....	1,490	14.0	781	13.9	718	14.6	613	19.8	485	12.3	232	14.4	142	8.1
19 years.....	1,025	10.0	539	10.5	486	9.6	446	14.8	325	8.8	150	9.6	91	5.2
20 years.....	749	7.8	417	9.0	332	6.6	325	12.3	213	6.1	111	8.3	91	4.5

TABLE 22.—ILLITERACY OF THE POPULATION 10 YEARS OF AGE AND OVER, BY AGE PERIODS, FOR THE STATE: 1920.

[See also Table 4.]

SEX AND AGE PERIOD.	ALL CLASSES: 1920			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
	Total number.	Illiterate.		Native parentage.			Foreign parentage.			Mixed parentage.			Total number.	Illiterate.	
		Number.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.	Per cent.	Total number.	Number.	Per cent.		Number.	Per cent.
10 years and over.....	483,788	31,312	6.5	134,973	694	0.5	125,251	1,312	1.0	44,001	249	0.6	171,032	28,169	16.5
Male.....	237,116	14,168	6.0	66,862	372	0.6	60,043	631	1.1	20,787	111	0.5	84,933	12,521	14.7
Female.....	246,672	17,144	7.0	68,111	322	0.5	65,208	681	1.0	23,214	138	0.6	86,099	15,648	18.2
21 years and over.....	388,637	30,819	8.2	101,761	633	0.6	77,602	1,131	1.5	25,553	208	0.8	156,886	27,480	17.5
Male.....	179,720	13,723	7.6	49,559	340	0.7	38,689	528	1.4	11,707	85	0.7	78,118	12,250	15.7
Female.....	188,917	16,596	8.8	52,202	293	0.6	40,913	603	1.5	13,846	123	0.9	78,748	15,230	19.3
Both sexes:															
10 to 14 years.....	53,836	150	0.3	15,562	24	0.2	24,152	64	0.3	8,973	11	0.1	4,373	43	1.1
15 to 24 years.....	103,993	2,667	2.6	28,868	82	0.3	37,593	205	0.5	14,898	49	0.3	21,028	2,271	10.8
25 to 34 years.....	98,885	7,718	7.8	25,120	104	0.4	24,304	282	1.2	9,384	66	0.7	38,255	7,051	18.4
35 to 44 years.....	85,842	7,321	8.5	21,350	110	0.5	16,639	240	1.4	5,726	43	0.8	40,265	6,685	16.6
45 to 54 years.....	69,073	6,078	8.8	17,513	120	0.7	13,103	264	2.0	3,967	40	1.3	34,073	5,496	16.1
55 to 64 years.....	41,676	4,038	9.7	12,966	111	0.9	6,997	168	2.4	1,337	21	1.6	19,746	3,657	18.5
65 years and over.....	30,190	3,277	10.9	13,476	122	0.9	2,466	84	3.4	607	18	3.0	13,176	2,930	22.2
Male:															
10 to 14 years.....	26,573	81	0.3	7,814	13	0.2	11,762	38	0.3	4,434	9	0.2	2,168	20	0.9
15 to 24 years.....	51,024	1,004	2.0	15,022	33	0.2	18,300	101	0.6	7,138	24	0.3	9,750	805	8.3
25 to 34 years.....	48,268	3,341	6.9	12,235	48	0.4	11,596	133	1.1	4,353	32	0.7	19,035	2,990	15.7
35 to 44 years.....	42,616	3,572	8.4	10,521	66	0.6	7,835	126	1.6	2,575	13	0.5	20,692	3,193	15.4
45 to 54 years.....	34,621	2,992	8.6	8,825	75	0.8	6,194	121	2.0	1,412	18	1.3	17,442	2,678	15.4
55 to 64 years.....	20,189	1,780	8.8	6,326	63	1.0	3,209	71	2.2	592	8	1.4	9,725	1,600	16.5
65 years and over.....	13,674	1,367	10.0	6,059	64	1.1	1,125	38	3.4	279	7	2.5	6,007	1,216	20.2
Female:															
10 to 14 years.....	27,263	69	0.3	7,748	11	0.1	12,390	26	0.2	4,539	2	(1)	2,205	28	1.3
15 to 24 years.....	52,969	1,663	3.1	13,846	49	0.4	10,293	104	0.5	7,760	25	0.3	11,278	1,466	13.0
25 to 34 years.....	50,617	4,377	8.6	12,885	56	0.4	12,708	149	1.2	5,031	34	0.7	19,160	4,055	21.2
35 to 44 years.....	43,226	3,749	8.7	10,829	44	0.4	8,804	114	1.3	3,151	30	1.0	19,573	3,492	17.8
45 to 54 years.....	34,452	3,086	9.0	8,688	46	0.5	6,969	143	2.1	1,655	22	1.3	16,681	2,818	16.9
55 to 64 years.....	21,487	2,258	10.5	6,640	48	0.7	3,758	97	2.6	745	13	1.7	10,021	2,057	20.5
65 years and over.....	16,516	1,910	11.6	7,417	58	0.8	1,331	46	3.5	328	11	3.4	7,169	1,714	23.9

1 Less than one-tenth of 1 per cent.

POPULATION—RHODE ISLAND.

TABLE 23.—COUNTRY OF ORIGIN AND MOTHER TONGUE OF THE FOREIGN WHITE STOCK, FOR THE STATE: 1920.

[Figures for country of origin relate to countries as constituted prior to the World War.]

COUNTRY OF ORIGIN.	Total foreign white stock: 1920	Foreign-born white: Birth-place of father.	NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.				MOTHER TONGUE.	Total foreign white stock: 1920	Foreign-born white.	NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE.			
			Total.	Both parents foreign.	Father foreign.	Mother foreign.				Total.	Both parents foreign.	Father foreign.	Mother foreign.
Total	420,427	173,499	246,928	182,660	33,578	30,690	Total	420,427	173,499	246,928	182,660	33,578	30,690
Northwestern Europe:							English and Celtic:	171,486	61,981	109,525	70,544	18,623	20,358
England.....	52,942	24,501	28,441	15,189	0,723	6,529	Germania:						
Scotland.....	12,444	5,805	6,030	3,415	1,097	1,527	German.....	10,663	3,988	6,675	4,523	1,399	753
Wales.....	540	204	345	83	119	138	Dutch and Frisian.....	276	149	127	50	52	16
Ireland.....	79,840	24,787	54,853	39,688	0,782	8,383	Flemish.....	566	457	109	70	31	8
Norway.....	973	522	451	280	109	62	Scandinavian:						
Sweden.....	13,571	6,588	6,983	5,842	522	619	Swedish.....	13,823	6,680	7,143	5,974	539	630
Denmark.....	659	364	295	153	78	64	Norwegian.....	975	535	440	277	101	62
Netherlands.....	272	143	129	61	53	15	Danish.....	616	334	282	153	71	58
Belgium.....	1,415	1,082	333	236	65	32	Latin and Greek:						
Luxemburg.....	25	15	10	4	—	6	Italian.....	70,099	32,501	38,198	35,051	2,200	347
Switzerland.....	415	215	200	98	67	35	French.....	79,801	31,270	48,531	31,615	9,084	7,832
France.....	2,531	1,612	919	422	308	189	Spanish.....	228	125	103	45	29	29
Central and Eastern Europe:							Portuguese.....	22,022	11,093	10,329	9,272	754	303
Germany.....	9,622	3,576	6,046	4,042	1,298	706	Rumanian.....	389	278	111	105	5	1
Austria.....	15,035	7,638	7,397	7,084	195	118	Greek.....	1,623	1,160	463	403	57	3
Hungary.....	584	294	200	252	25	13	Slavic and Lettic:						
Russia.....	20,429	10,741	9,688	9,174	366	148	Polish.....	16,578	8,029	8,549	8,348	132	69
Finland.....	581	322	259	211	27	21	Czech.....	258	126	132	101	11	20
Rumania.....	541	331	210	201	8	1	Slovak.....	284	126	158	149	8	1
Bulgaria, Serbia, and Montenegro.....	74	59	15	14	1	—	Russian.....	4,122	2,244	1,878	1,760	90	28
Turkey in Europe.....	283	246	37	32	5	—	Ruthenian.....	1,306	759	547	539	3	5
Southern Europe:							Slovenian.....	22	13	9	2	6	1
Greece.....	1,622	1,154	468	408	57	3	Serbo-Croatian.....	142	131	11	3	6	2
Italy.....	70,665	32,585	33,080	35,542	2,198	340	Bulgarian.....	43	35	8	—	—	—
Spain.....	164	96	68	34	19	15	Slavic, not specified.....	—	—	—	—	—	—
Portugal.....	15,387	8,726	6,661	6,047	404	210	Lithuanian and Lettish.....	1,333	775	558	541	14	3
Europe, not specified.....	20	4	16	12	2	2	Unclassified:						
Asia:							Yiddish and Hebrew.....	12,257	6,270	5,987	5,612	257	118
Turkey in Asia.....	5,352	3,426	1,926	1,836	82	8	Magyar.....	203	114	89	69	7	13
All other countries.....	95	44	51	17	15	19	Finnish.....	325	176	149	125	11	18
America:							Armenian.....	2,950	1,906	1,044	984	58	2
Canada—French.....	75,658	28,763	46,895	30,574	8,723	7,598	Syrian and Arabic.....	2,203	1,325	878	852	19	7
Canada—Other.....	16,846	6,279	10,567	3,904	3,079	3,584	Turkish.....	265	219	46	42	4	—
Newfoundland.....	517	207	310	134	88	93	Albanian.....	127	107	20	18	2	—
West Indies.....	236	125	111	44	40	27	All other.....	—	—	—	—	—	—
Mexico.....	12	8	4	—	—	4	Unknown	44	13	31	18	5	8
Central and South America.....	91	38	53	5	18	30	Of mixed mother tongue.....	4,798	—	4,798	4,798	—	—
All other.....	6,608	2,999	3,609	3,048	410	151							
Of mixed foreign parentage.....	14,569	—	14,569	14,569	—	—							

1 Except possessions of the United States.

2 Probably includes a considerable proportion of Hebrews erroneously reported as of Russian mother tongue.

TABLE 24.—OWNERSHIP OF HOMES, FOR COUNTIES AND PLACES HAVING 10,000 INHABITANTS OR MORE: 1920.

COUNTY OR CITY.	Total homes.	Rented.	OWNED.				Tenure unknown.		COUNTY OR CITY.	Total homes.	Rented.	OWNED.				Tenure unknown.
			Total.	Free.	Encumbered.	Un-known.						Total.	Free.	Encumbered.	Un-known.	
The state	137,160	92,800	41,921	19,889	21,352	680	2,439		CITIES, ETC.—con.							
COUNTIES.								Pawtucket—Contd.								
Bristol.....	5,108	3,092	1,921	1,036	840	45	95	Ward 3.....	2,578	1,767	761	269	492	—	—	50
Kent.....	8,850	5,078	3,694	2,206	1,445	43	78	Ward 4.....	2,509	1,768	723	323	398	—	—	18
Newport.....	9,481	5,249	3,980	2,108	1,772	106	246	Ward 5.....	2,363	1,810	514	156	355	—	—	39
Providence.....	107,252	75,980	29,400	12,478	16,461	461	1,872	Ward 6.....	2,016	1,449	509	189	312	—	—	68
Washington.....	6,469	3,401	2,920	2,061	834	25	148	Providence	54,726	41,119	12,641	5,203	7,315	123	—	966
CITIES, ETC.								Ward 1.....	4,628	3,407	1,100	712	376	—	—	121
Bristol town.....	2,485	1,593	835	494	315	26	57	Ward 2.....	5,654	3,678	1,896	863	1,010	—	—	80
Central Falls.....	5,118	4,052	998	343	641	9	68	Ward 3.....	6,101	4,418	1,587	516	1,066	—	—	96
Cranston.....	6,360	3,349	2,944	1,058	1,841	45	67	Ward 4.....	3,608	3,120	366	152	199	—	—	122
Cumberland town.....	2,204	1,400	703	479	216	8	41	Ward 5.....	5,568	4,598	901	360	537	—	—	69
East Providence town.....	5,026	2,645	2,320	1,010	1,298	12	61	Ward 6.....	6,709	4,542	2,060	846	1,202	—	—	107
Newport.....	6,440	3,979	2,316	811	1,426	78	146	Ward 7.....	4,883	3,755	958	418	520	—	—	189
Pawtucket.....	14,473	10,227	4,128	1,507	2,588	28	325	Ward 8.....	6,197	4,477	1,638	579	1,048	—	—	82
Ward 1.....	2,445	1,666	724	245	467	12	53	Ward 9.....	5,990	5,116	820	245	562	—	—	54
Ward 2.....	2,766	1,767	892	325	564	8	107	Ward 10.....	5,378	4,008	1,315	512	795	—	—	55
								Warwick town.....	3,261	1,525	1,726	863	837	—	—	40
								West Warwick town.....	3,281	2,268	993	624	353	—	—	20
								Woonsocket.....	9,080	6,960	1,981	683	1,272	—	—	139

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920.

[Population 10 years of age and over—Total, 483,788; males, 237,116; females, 246,672. Persons gainfully occupied—Total, 275,000; males, 194,438; females, 80,562. Per cent of persons 10 years of age and over gainfully occupied—Total, 56.8; males, 82.0; females, 32.7.]

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.					AGE PERIODS.					
		Native white.		Foreign-born white.	Negro.	Ind., Chi., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (includes age unknown).	45 to 64 years.	65 years and over.
		Native parent-age.	Foreign or mixed parent-age.									
MALES.....	194,438	52,364	60,560	77,659	3,606	249	12,734	9,488	23,210	188,881	51,805	8,320
Agriculture, forestry, and animal husbandry.....	8,084	4,218	1,288	2,397	170	11	344	212	580	2,715	3,033	1,101
Dairy farmers.....	257	161	30	65	1	.....	.....	1	11	98	120	27
Farm foremen, general farms.....	245	144	38	62	1	.....	.....	.....	9	92	110	34
Farm laborers (working out).....	2,372	1,106	491	673	90	6	107	133	298	850	648	276
Farmers, general farms.....	2,545	1,703	185	580	16	1	.....	2	47	682	1,208	608
Fishermen and oystermen.....	471	347	35	85	25	2	23	14	38	204	173	59
Garden laborers.....	807	129	205	446	25	2	.....	2	15	281	361	90
Gardeners, florists, fruit growers, and nurserymen.....	361	132	69	159	27	1	146	56	148	126	174	44
All other occupations.....	1,026	436	235	327	.....	.....	.....	.....	.....	382	230	55
Extraction of minerals (all occupations).....	160	32	20	104	4	.....	2	2	21	64	63	8
Manufacturing and mechanical industries.....	116,670	23,122	37,063	55,179	1,285	21	8,944	5,373	14,103	53,913	30,200	4,137
Apprentices to building and hand trades:												
Machinists' apprentices ²	607	145	268	91	3	.....	395	135	63	11	3	.....
Other apprentices to building and hand trades.....	320	88	167	53	2	.....	200	64	41	13	2	.....
Apprentices, other.....	865	235	519	107	4	.....	614	129	100	22	.....	.....
Bakers.....	839	54	135	615	5	.....	12	20	88	500	207	12
Blacksmiths.....	817	155	198	464	.....	.....	.....	6	30	319	388	74
Boiler makers.....	301	61	108	131	1	.....	.....	9	31	157	94	10
Brick and stone masons.....	1,106	216	301	564	25	.....	.....	8	52	491	455	102
Buffers and polishers (metal).....	949	189	345	413	2	.....	40	35	87	463	292	32
Builders and building contractors.....	462	161	137	193	1	.....	.....	.....	13	208	227	44
Cabinetmakers.....	206	80	45	100	1	.....	.....	5	17	79	79	26
Carpenters.....	5,020	1,580	1,315	2,995	28	2	15	81	436	2,642	2,220	526
Compositors, linotypers, and typesetters.....	749	239	370	138	2	.....	12	45	128	384	164	16
Dyers.....	880	124	215	540	.....	1	16	35	111	417	265	36
Electricians.....	1,482	603	587	286	5	1	98	306	829	235	14	.....
Engineers (stationary).....	1,388	536	334	501	16	1	10	19	79	649	569	62
Engravers.....	416	140	175	100	1	.....	.....	10	55	187	138	26
Firemen (except locomotive and fire department).....	1,158	205	212	711	30	.....	3	19	85	583	420	48
Foremen and overseers (manufacturing).....	4,285	1,201	1,477	1,597	10	.....	32	277	2,317	1,531	128	.....
Goldsmiths and silversmiths.....	590	149	186	255	.....	.....	13	34	232	265	46	.....
Grinders (metal).....	271	41	82	146	2	.....	2	8	32	105	63	1
Iron molders, founders, and casters.....	1,145	147	313	676	9	.....	23	115	644	324	39	.....
Jewelers and lapidaries (factory).....	1,660	379	672	607	2	.....	109	278	873	345	55	.....
Jewelers and watchmakers (not in factory).....	271	97	90	84	.....	.....	.....	9	33	133	80	16
Laborers (not otherwise specified):												
Building, general, and not specified laborers.....	2,595	420	449	1,455	239	2	76	95	258	1,217	763	156
Chemical and allied industries.....	629	120	166	301	42	.....	28	23	64	292	203	19
Electrical supply factories.....	371	29	80	258	4	.....	38	13	44	170	97	9
Helpers in building and hand trades.....	442	91	150	167	34	.....	43	45	77	149	110	18
Iron and steel industries.....	3,461	317	707	2,368	68	1	222	173	392	1,618	939	117
Jewelry factories.....	301	29	82	185	5	.....	47	24	38	132	57	3
Rubber factories.....	1,140	101	280	764	6	.....	95	58	147	524	282	34
Textile industries—												
Cotton mills.....	3,448	333	1,018	2,015	82	.....	657	179	369	1,189	880	174
Textile dyeing, finishing, and printing mills.....	1,944	238	581	1,080	44	1	222	103	225	708	550	76
Woolen and worsted mills.....	1,836	229	496	1,098	9	4	286	128	223	668	448	93
Other textile industries.....	1,107	120	318	645	24	.....	180	40	137	451	264	35
Other industries.....	2,301	355	570	1,284	90	2	233	128	238	1,042	583	70
Loom fixers.....	1,410	133	395	882	.....	.....	15	71	742	552	30	.....
Machinists.....	10,899	2,614	3,865	4,373	44	3	462	1,836	5,888	2,438	285	.....
Managers and superintendents (manufacturing).....	1,631	784	480	366	1	.....	6	81	921	572	51	.....
Manufacturers.....	1,673	662	366	642	2	1	.....	2	39	747	743	142
Mechanics (not otherwise specified).....	1,601	563	563	455	20	.....	107	325	880	254	35	.....
Millwrights.....	278	60	91	127	.....	.....	.....	1	36	128	100	13
Officials (manufacturing).....	394	269	72	53	.....	.....	.....	.....	21	165	176	32
Painters, glaziers, and varnishers (building).....	2,413	770	811	791	40	1	6	29	154	1,144	837	143
Painters, glaziers, and varnishers (factory).....	722	197	256	264	5	.....	12	12	59	364	244	81
Pattern and model makers.....	279	84	108	87	.....	.....	.....	15	42	180	74	18
Plasterers and cement finishers.....	205	25	58	122	2	.....	.....	.....	11	120	68	6
Plumbers and gas and steam fitters.....	1,942	507	896	533	6	.....	.....	50	270	1,110	467	39
Semiskilled operatives (not otherwise specified):												
Chemical and allied industries—												
Powder, cartridge, dynamite, fuse, and fire-works factories.....	286	77	138	63	8	.....	9	12	58	123	81	3
Other chemical and allied industries.....	272	69	101	91	11	.....	34	15	48	107	59	9
Electrical supply factories.....	363	71	140	148	4	.....	53	20	49	170	86	5
Food industries.....	439	77	113	224	25	.....	76	19	50	180	108	11
Gold and silver factories.....	254	67	84	101	2	.....	19	14	21	118	68	14
Iron and steel industries.....	5,169	928	1,806	2,397	28	.....	424	354	868	2,367	1,051	115
Jewelry factories.....	3,114	727	1,314	1,048	25	.....	563	208	432	1,268	567	75
Lumber and furniture industries.....	465	125	178	166	5	1	39	16	53	186	140	22
Rubber factories.....	2,208	230	567	1,402	9	.....	223	128	319	1,107	397	34
Textile industries—												
Cotton mills.....	9,868	921	3,441	5,405	101	.....	1,551	697	1,428	4,187	1,828	177
Lace and embroidery mills.....	422	48	124	250	.....	.....	52	27	74	219	49	1
Silk mills.....	1,218	63	287	867	.....	.....	86	47	202	710	163	10
Textile dyeing, finishing, and printing mills.....	2,409	364	900	1,104	41	.....	299	149	325	932	568	86
Woolen and worsted mills.....	8,404	1,281	2,976	4,214	23	.....	1,067	487	1,020	3,591	2,120	209
Other textile industries.....	3,118	533	1,077	1,493	33	.....	559	221	442	1,323	508	65
Other industries.....	8,338	721	1,101	1,473	43	.....	346	191	474	1,509	718	100
Shoemakers and cobblers (not in factory).....	632	20	46	573	3	.....	13	5	38	335	206	45
Stonecutters.....	327	35	59	232	1	.....	.....	1	12	152	139	23
Tailors.....	835	17	50	764	4	.....	2	7	53	475	281	37
Tinsmiths and sheet metal workers.....	443	72	146	221	4	.....	.....	18	57	211	181	26
Toolmakers and die setters and sinkers.....	1,387	365	550	471	1	.....	61	227	785	263	51	.....
All other occupations.....	1,900	446	628	810	16	.....	65	69	209	951	538	68

¹ Includes 97 males of unknown age.

² Many of the "Machinists' apprentices" probably are machine tenders.

POPULATION—RHODE ISLAND.

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.					AGE PERIODS.						
		Native white.		Foreign-born white.	Negro.	Ind., Chl., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (in- cludes age un- known).	45 to 64 years.	65 years and over.	
		Native parent- age.	Foreign or mixed parent- age.										
MALES—Continued.													
Transportation.....	14,710	4,675	4,762	4,426	840	7	380	586	1,973	7,649	3,693	429	
Brakemen.....	324	126	143	53	2	.....	.....	5	35	212	69	3
Captains, masters, mates, and pilots.....	207	107	37	61	2	.....	.....	.....	14	95	93	5
Chauffeurs.....	2,987	909	1,298	618	157	5	72	229	786	1,020	273	7	
Conductors (steam railroad).....	231	115	82	34	.....	.....	.....	3	13	104	90	12
Conductors (street railroad).....	722	279	296	146	1	.....	3	21	109	463	120	6
Draymen, teamsters, and expressmen ¹	3,214	925	1,120	956	213	.....	162	179	465	1,556	772	80
Foremen and overseers (transportation industries).....	360	142	96	119	3	.....	.....	1	6	160	166	27
Garage keepers and managers.....	210	108	59	43	.....	.....	.....	1	12	143	48	6
Laborers:													
Road and street building and repairing.....	619	80	75	437	27	.....	4	13	35	236	268	63
Steam railroad.....	938	92	107	666	73	.....	10	21	82	544	262	19
Other transportation industries.....	427	74	82	245	26	.....	20	14	42	191	142	18
Locomotive engineers.....	216	115	65	36	.....	.....	.....	.....	3	103	103	7
Locomotive firemen.....	206	77	79	44	5	1	.....	8	49	135	14	.....
Longshoremen and stevedores.....	438	31	24	165	217	1	1	2	27	270	126	12	
Mail carriers.....	396	190	165	35	6	.....	7	6	26	208	137	12
Motormen (street railroad).....	771	346	250	175	.....	.....	1	1	20	511	226	12
Sailors and deck hands.....	350	93	96	92	69	.....	23	40	60	157	59	11
Switchmen and flagmen (steam railroad).....	309	145	77	87	.....	.....	.....	3	4	91	160	51
All other occupations.....	1,785	721	611	414	39	.....	77	30	185	850	556	78
Trade.....	22,126	7,303	6,932	7,501	381	9	842	710	2,335	10,735	6,515	989	
Bankers, brokers, and money lenders.....	531	347	127	57	.....	.....	.....	1	34	290	192	44
Clerks in stores ²	1,762	563	777	409	13	.....	260	179	357	648	270	48
Commercial travelers.....	1,100	551	374	173	2	.....	.....	10	112	604	331	43
Deliverymen.....	1,750	510	706	437	97	.....	120	120	336	884	238	14
Insurance agents.....	715	269	210	234	2	.....	.....	2	55	309	222	37
Laborers (coal yards).....	478	48	79	223	128	.....	9	13	37	200	144	15
Laborers, porters, and helpers in stores.....	614	142	153	242	76	1	47	17	72	260	178	40	
Meat cutters.....	253	87	75	91	.....	.....	2	3	12	113	108	15
Real estate agents and officials.....	669	297	183	186	3	.....	.....	6	19	249	326	69
Retail dealers ³	7,686	1,996	1,820	3,840	23	7	33	60	442	3,866	2,848	437	
Sales agents.....	275	148	84	43	.....	.....	.....	5	29	166	64	11
Salesmen (stores).....	4,749	1,807	1,893	1,041	8	.....	286	248	721	2,351	998	145
Wholesale dealers, importers, and exporters.....	454	169	98	186	1	.....	.....	27	21	225	171	30
All other occupations.....	1,090	369	353	339	28	1	85	38	82	469	375	41	
Public service (not elsewhere classified).....	8,383	4,032	2,380	1,802	167	2	795	1,470	989	2,818	1,913	398	
Firemen (fire department).....	468	187	197	84	.....	.....	.....	1	20	266	170	11
Guards, watchmen, and doorkkeepers.....	1,060	266	238	525	31	.....	.....	2	20	224	618	196
Laborers (public service).....	834	78	101	568	87	.....	9	11	58	334	330	92
Officials and inspectors (city and county).....	243	151	63	29	.....	.....	.....	.....	.....	84	113	46
Policemen.....	782	199	390	189	4	.....	.....	17	503	243	19	19
Soldiers, sailors, and marines ⁴	4,141	2,667	1,144	285	43	2	779	1,440	819	963	139	1	
United States officials.....	468	286	146	36	.....	.....	.....	.....	25	293	140	10
All other occupations.....	387	198	101	86	2	.....	7	16	30	151	160	23
Professional service.....	6,248	3,053	1,903	1,231	60	1	36	111	633	3,276	1,862	330	
Chemists, assayers, and metallurgists.....	226	115	74	35	2	.....	.....	.....	53	132	36	5
Civil engineers and surveyors.....	430	264	124	42	.....	.....	.....	.....	66	245	93	26
Clergymen.....	584	200	163	202	19	.....	.....	.....	7	266	244	67
Dentists.....	318	142	114	57	5	.....	.....	.....	23	205	82	8
Designers.....	221	51	82	87	1	.....	.....	.....	6	105	70	12
Draftsmen.....	536	249	203	84	.....	.....	.....	40	168	271	54	3
Lawyers, judges, and justices.....	512	287	172	50	3	.....	.....	.....	7	311	160	34
Mechanical engineers.....	310	181	93	36	.....	.....	.....	.....	19	188	88	15
Musicians and teachers of music.....	399	130	131	120	9	.....	4	14	56	207	101	17
Physicians and surgeons.....	704	369	216	112	7	.....	.....	.....	10	356	288	50
Teachers (school).....	406	247	77	82	3	.....	4	3	41	207	125	29
All other occupations.....	1,599	818	454	315	11	1	28	48	155	783	521	64	
Domestic and personal service.....	7,270	1,363	1,648	3,424	643	192	208	165	477	3,190	2,639	591	
Barbers, hairdressers, and manicurists.....	1,189	86	253	818	32	.....	14	25	98	661	360	31
Bartenders.....	255	30	90	135	.....	.....	.....	.....	11	135	106	3
Elevator tenders.....	309	52	64	150	43	.....	18	15	20	70	116	70
Janitors and sextons.....	1,298	340	260	520	176	2	16	5	20	287	709	261	
Laundry operatives.....	374	77	118	82	14	83	33	14	30	171	112	14	
Restaurant, café, and lunch room keepers.....	358	77	72	179	10	20	.....	2	17	208	124	7
Servants.....	1,346	246	284	590	185	41	63	46	120	652	386	82	
Waiters.....	455	60	122	212	50	41	29	27	52	292	79	6	
All other occupations.....	1,656	395	385	738	133	5	35	34	109	714	647	117	
¹ Teamsters in agriculture, forestry, and fishing.													

¹ Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.

² Many of the "Clerks in stores" probably are "Salesmen."

³ Includes, also, managers and superintendents of retail stores.

⁴ Includes only those resident in continental United States at the date of the enumeration.

COMPOSITION AND CHARACTERISTICS.

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TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.					AGE PERIODS.					
		Native white.		Foreign-born white.	Negro.	Ind., Chi., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (includes age unknown).	45 to 64 years.	65 years and over.
		Native parentage.	Foreign or mixed parentage.									
MALES—Continued.												
Clerical occupations.....	10,787	4,566	4,564	1,595	56	6	1,183	859	2,090	4,521	1,887	247
Accountants and auditors.....	483	271	148	64	.....	.....	.....	12	77	265	112	17
Agents.....	588	325	177	86	.....	.....	4	8	55	314	186	21
Bookkeepers and cashiers.....	1,634	806	657	170	.....	1	47	132	364	735	298	58
Canvassers.....	66	29	21	15	1	.....	1	2	4	24	30	5
Clerks (except clerks in stores).....	6,852	2,759	2,944	1,108	39	2	509	624	1,418	2,988	1,186	127
Collectors.....	206	73	78	55	.....	.....	3	9	33	99	49	13
Messenger, bundle, and office boys ¹	677	202	378	78	10	3	502	25	16	20	20	4
Stenographers and typists.....	281	101	161	19	.....	.....	27	47	123	76	6	2
FEMALES												
80,562	19,405	35,460	23,934	1,745	18	11,051	7,404	16,777	231,776	12,109	1,445	
Agriculture, forestry, and animal husbandry..												
270	180	40	47	3	.....	4	7	4	52	134	69	
Farmers, general farms.....	155	112	21	21	1	.....	.....	.....	17	83	55	
All other occupations.....	115	68	19	26	2	.....	4	7	4	35	51	14
Manufacturing and mechanical industries												
45,250	7,481	21,600	15,903	265	1	9,137	4,893	9,257	16,530	5,062	371	
Dressmakers and seamstresses (not in factory).....	1,636	499	556	513	67	1	5	16	92	645	744	134
Enamellers, lacquerers, and japanners.....	181	56	92	30	3	.....	25	20	47	80	9	.....
Forewomen and overseers (manufacturing).....	428	142	205	80	1	.....	.....	25	83	243	76	1
Jewelers and lapidaries (factory).....	628	141	347	135	5	.....	.....	95	200	289	44	.....
Jewelers', watchmakers', goldsmiths', and silversmiths' apprentices.....	191	43	124	23	1	.....	191	.....	.....	.....	.....	.....
Laborers (not otherwise specified):	435	63	188	184	.....	.....	74	52	107	143	55	4
Rubber factories.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Textile industries—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cotton mills.....	875	79	419	368	9	.....	239	77	164	284	98	13
Woolen and worsted mills.....	608	43	236	328	1	.....	167	84	99	200	54	4
Other textile industries.....	530	70	248	209	3	.....	134	53	121	176	43	3
Other industries.....	567	76	284	199	8	.....	163	68	138	149	52	7
Milliners and millinery dealers.....	468	133	244	91	.....	.....	15	12	60	202	111	8
Semiskilled operatives (not otherwise specified):	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clothing industries.....	572	89	308	165	10	.....	70	37	91	225	135	14
Electrical supply factories.....	350	83	185	82	.....	.....	101	62	80	93	13	1
Iron and steel industries.....	1,202	193	622	382	5	.....	165	181	336	438	80	2
Jewelry factories.....	2,845	734	1,468	615	28	.....	681	367	636	856	194	11
Paper box factories.....	215	65	118	32	.....	.....	54	22	55	60	22	2
Printing and publishing.....	232	74	119	37	2	.....	59	31	37	84	20	1
Rubber factories.....	1,051	322	888	738	3	.....	434	236	470	665	141	5
Shoe factories.....	237	34	81	121	1	.....	42	23	44	102	25	1
Textile industries—	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cotton mills.....	11,074	1,220	5,196	4,611	47	.....	2,244	1,215	2,322	4,150	1,099	44
Knitting mills.....	814	146	407	200	1	.....	154	76	210	280	90	4
Lace and embroidery mills.....	452	94	211	146	1	.....	137	58	101	123	28	5
Silk mills.....	1,660	138	752	766	4	.....	347	174	388	622	125	4
Textile dyeing, finishing, and printing mills.....	1,123	227	641	250	5	.....	220	148	258	395	94	8
Woolen and worsted mills.....	8,800	1,291	4,154	3,346	9	.....	1,874	943	1,658	3,340	949	36
Other textile industries.....	4,774	784	2,276	1,702	12	.....	1,076	566	961	1,688	458	25
Other industries.....	1,720	452	859	376	33	.....	396	202	374	554	170	24
All other occupations.....	682	190	312	174	6	.....	80	50	125	284	133	10
Transportation.....												
1,194	477	648	68	1	.....	51	153	542	406	42	.....	.....
Telephone operators.....	1,110	449	615	46	.....	.....	47	147	520	374	22	.....
All other occupations.....	84	28	33	22	1	.....	4	6	22	32	20	.....
Trade.....												
4,428	1,293	2,105	995	35	.....	439	337	805	2,025	765	57	.....
Clerks in stores ²	1,073	307	587	167	12	.....	139	110	261	455	101	7
Retail dealers ³	561	109	152	300	.....	.....	.....	2	31	258	248	22
Saleswomen (stores).....	2,508	761	1,259	477	11	.....	286	219	478	1,177	334	14
All other occupations.....	286	116	107	51	12	.....	14	6	35	135	82	14
Public service (not elsewhere classified) (all occupations).....												
69	45	18	6	.....	.....	1	.....	9	35	22	2	.....
Professional service.....												
5,833	2,741	2,152	906	34	.....	63	153	1,227	3,172	1,124	94	.....
Musicians and teachers of music.....	554	264	241	38	11	.....	13	29	94	318	92	10
Religious, charity, and welfare workers.....	190	83	51	55	1	.....	.....	2	16	97	64	11
Teachers (school).....	3,361	1,606	1,308	439	8	.....	7	46	685	1,911	664	48
Trained nurses.....	974	348	331	292	3	.....	6	47	287	503	117	4
All other occupations.....	754	440	221	82	11	.....	37	29	135	345	187	21

¹Except telegraph messengers.²Includes 47 females of unknown age.³Many of the "Clerks in stores" probably are "Saleswomen."⁴Includes, also, managers and superintendents of retail stores.

POPULATION—RHODE ISLAND.

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

SEX AND OCCUPATION.	Total.	COLOR OR RACE, NATIVITY, AND PARENTAGE.					AGE PERIODS.					
		Native white.		Foreign-born white.	Negro.	Ind., Chi., Jap., and all other.	10 to 17 years.	18 and 19 years.	20 to 24 years.	25 to 44 years (in- cludes age un- known).	45 to 64 years.	65 years and over.
		Native parent- age.	Foreign or mixed parent- age.									
FEMALES—Continued.												
Domestic and personal service.....	11,937	2,703	2,781	5,054	1,383	16	313	257	1,093	5,076	4,369	829
Barbers, hairdressers, and manicurists.....	174	54	85	24	11	.....	1	8	25	107	32	1
Boarding and lodging house keepers.....	780	234	177	355	13	1	.....	.....	4	263	434	79
Housekeepers and stewardesses.....	2,237	785	630	783	89	.....	.....	19	118	776	1,087	287
Laundresses (not in laundry).....	813	88	89	222	411	3	4	11	25	334	855	84
Laundry operatives.....	528	125	208	146	49	.....	58	23	82	228	122	16
Nurses (not trained).....	977	344	290	361	12	.....	.....	12	95	443	363	66
Servants.....	5,357	827	1,035	2,798	697	10	220	157	591	2,405	1,723	271
Waitresses.....	627	170	178	235	43	1	23	18	134	363	83	6
All other occupations.....	394	76	89	160	58	1	7	9	21	157	170	20
Clerical occupations.....	11,581	4,485	6,116	955	24	1	1,043	1,604	3,840	4,480	591	23
Bookkeepers and cashiers.....	3,654	1,340	1,967	334	4	.....	224	390	1,112	1,683	237	8
Clerks (except clerks in stores).....	3,989	1,692	2,036	340	11	1	493	561	1,252	1,441	233	9
Stenographers and typists.....	3,672	1,438	1,986	242	6	.....	244	633	1,439	1,279	77	.....
All other occupations.....	265	106	127	30	3	.....	82	20	37	77	44	6

TABLE 26.—WOMEN 15 YEARS OF AGE AND OVER IN EACH PRINCIPAL CLASS OF THE POPULATION ENGAGED IN GAINFUL OCCUPATIONS, CLASSIFIED BY MARITAL CONDITION, WITH A DISTRIBUTION OF THE MARRIED BY AGE PERIODS, FOR THE STATE: 1920.

CLASS OF POPULATION.	Aggregate.	MARRIED.						Single, widowed, divorced, and unknown.
		Total.	15 to 19 years.	20 to 24 years.	25 to 34 years.	35 to 44 years.	45 years and over. ¹	
All classes.....	78,989	15,530	437	2,340	5,459	4,162	3,132	63,459
Native white—Native parentage.....	10,168	3,136	83	423	1,059	795	775	16,032
Native white—Foreign or mixed parentage.....	34,383	4,208	186	837	1,506	1,002	627	30,175
Foreign-born white.....	23,686	7,624	157	975	2,726	2,179	1,587	16,062
Negro.....	1,734	558	11	55	167	185	140	1,176
Indian.....	16	4	.....	.....	1	1	2	12
Chinese, Japanese, and all other.....	2	.....	.....	.....	.....	.....	.....	2

¹ Includes age unknown.

AGRICULTURE—RHODE ISLAND.

INTRODUCTION.

In the following pages are presented all of the published results of the 1920 census of agriculture for this state and its counties, except certain detailed tabulations for the state which appear in Volume V of the Fourteenth Census Reports and a few minor items which have been published in special bulletins. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock

products, crops, and farm expenditures are for the calendar year 1919. In order to show the present tendency in agriculture, comparative figures for the census of 1910 are given throughout; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1850.

FARMS AND FARM PROPERTY.

TABLE 1.—SUMMARY: 1920 AND 1910.

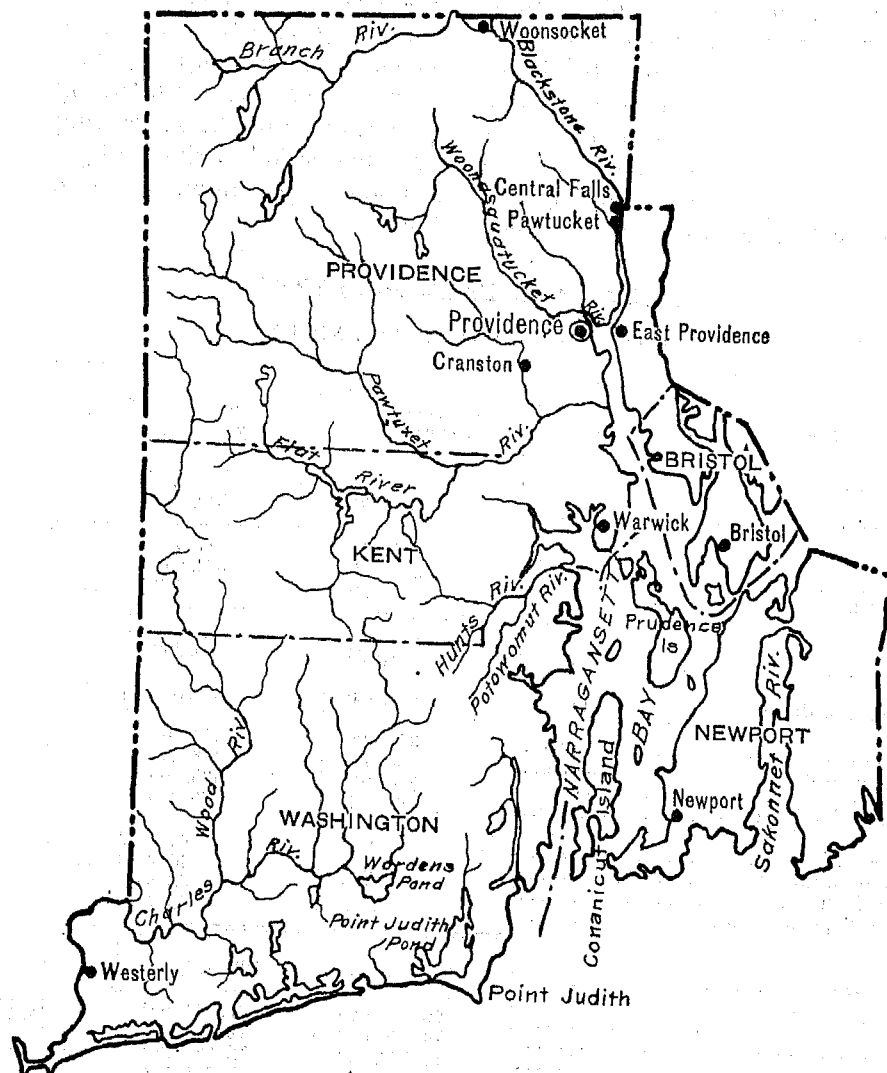
ITEM.	1920 (January 1)	1910 (April 15)	INCREASE. ¹	
			Amount.	Per cent.
Population, total.....	604, 397	542, 610	61, 787	11. 4
Rural ²	15, 217	17, 956	-2, 739	-15. 3
Urban.....	589, 180	524, 654	64, 526	12. 3
Per cent rural.....	2. 5	3. 3		
Number of farms.....	4, 083	5, 292	-1, 209	-22. 8
Approximate land area of the state.....acres..	682, 880	682, 880		
All land in farms.....acres..	331, 600	443, 308	-111, 708	-25. 2
Improved land in farms.....acres..	132, 855	178, 344	-45, 489	-25. 5
Woodland in farms.....acres..	130, 462	185, 909	-55, 447	-29. 8
Other unimproved land in farms.....acres..	68, 283	79, 055	-10, 772	-13. 6
Per cent of land area in farms.....	48. 6	64. 9		
Per cent of farm land improved.....	40. 1	40. 2		
Average acreage per farm.....	81. 2	83. 8	-2. 6	-3. 1
Average improved acreage per farm.....	32. 5	33. 7	-1. 2	-3. 6
Value of all farm property.....	\$33, 636, 766	\$32, 990, 739	\$646, 027	2. 0
Land and buildings.....	26, 387, 926	27, 932, 860	-1, 544, 934	-5. 5
Land alone.....	14, 509, 073	15, 009, 981	-500, 908	-3. 3
Buildings.....	11, 878, 853	12, 922, 879	-1, 044, 026	-8. 1
Implements and machinery.....	2, 408, 561	1, 781, 407	627, 154	35. 2
Live stock.....	4, 840, 279	3, 276, 472	1, 563, 807	47. 7
Average value per farm:				
All farm property.....	8, 238	6, 234	2, 004	32. 1
Land and buildings.....	6, 463	5, 278	1, 185	22. 5
Land alone.....	3, 554	2, 836	718	25. 3
Buildings.....	2, 909	2, 442	467	19. 1
Implements and machinery.....	590	337	253	75. 1
Live stock.....	1, 185	619	566	91. 4
Average value per acre of land in farms:				
All farm property.....	101. 44	74. 42	27. 02	36. 3
Land and buildings.....	79. 58	63. 01	16. 57	26. 3
Land alone.....	43. 75	33. 86	9. 89	29. 2
Buildings.....	35. 82	29. 15	6. 67	22. 9
Implements and machinery.....	7. 26	4. 02	3. 24	80. 6
Live stock.....	14. 60	7. 39	7. 21	97. 6

¹ A minus sign (—) denotes decrease.

² Population residing outside of incorporated places or towns having 2,500 inhabitants or over. The rate of increase (or decrease) in the rural population between the two censuses is affected somewhat by the fact that certain places classified as rural in 1910 had become urban by 1920. The population in 1910 of the territory classified as rural in 1920 was 15,504. For this territory, the population shows a decrease between 1910 and 1920 amounting to 1.9 per cent, which percentage indicates the rate of decline in the rural population, leaving out of consideration the changes in classification of territory.

RHODE ISLAND

COUNTIES, PRINCIPAL CITIES, AND RIVERS.



EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1850 TO 1920.

CENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of land area in farms.	Per cent of farm land improved.
	Number.	Per cent of increase. ¹	All land.		Improved land.			
			Acres.	Per cent of increase. ¹	Acres.	Per cent of increase. ¹		
1920.....	4,083	-22.8	331,000	-25.2	132,855	-25.5	48.0	40.1
1910.....	5,292	-3.7	443,308	-2.7	178,344	-4.8	64.9	40.2
1900.....	5,498	(²)	455,602	-2.9	187,854	-31.7	66.7	41.1
1890.....	5,500	-11.5	469,281	-3.8	274,401	-8.0	68.7	58.5
1880.....	6,216	15.8	514,813	2.5	298,486	3.3	75.4	58.0
1870.....	5,368	-0.7	502,308	-3.6	280,030	-13.8	73.0	57.5
1860.....	5,406	0.4	621,224	-6.9	335,128	-6.0	70.3	64.3
1850.....	5,385	.....	553,938	.....	356,487	.....	81.1	64.4

¹ A minus sign (—) denotes decrease. ² Less than one-tenth of 1 per cent decrease.

TABLE 3.—VALUE OF FARM PROPERTY: 1850 TO 1920.

CENSUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase.	Value.	Per cent of increase. ¹
1920.....	\$33,636,793	2.0	\$23,387,926	-5.5	\$2,408,561	35.2	\$4,840,279	47.7
1910.....	32,960,739	22.2	27,032,800	20.8	1,781,407	40.2	3,270,472	20.3
1900.....	26,989,189	7.2	23,125,266	5.7	1,270,270	35.0	2,593,659	0.7
1890.....	25,179,479	-13.3	21,873,479	-15.5	941,030	4.2	2,304,970	4.0
1880.....	29,030,046	42.4	25,882,079	50.0	902,825	43.6	2,264,142	-10.1
1870.....	20,397,077	-8.0	17,250,074	-11.7	628,997	7.2	2,608,100	22.8
1860.....	22,179,338	16.1	19,580,868	14.5	586,791	18.0	2,042,044	33.2
1850.....	19,100,640	.....	17,070,802	.....	497,201	.....	1,532,037	.....

¹ A minus sign (—) denotes decrease.

² Computed gold values, being 80 per cent of the currency values reported.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1850 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.			
	All land.	Improved land.	All farm property.	Land and buildings.	Implements and machinery.	Live stock.
1920.....	81.2	32.5	\$8,238	\$6,463	\$590	\$1,185
1910.....	83.8	33.7	6,234	5,273	337	619
1900.....	82.9	34.1	4,600	4,206	231	472
1890.....	85.3	49.9	4,578	3,977	171	430
1880.....	82.8	48.0	4,672	4,104	145	363
1870.....	83.6	53.8	3,800	3,215	117	437
1860.....	96.4	62.0	4,103	3,616	109	378
1850.....	102.9	66.2	3,647	3,170	92	285

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 5.—AVERAGE VALUE PER ACRE: 1850 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Implements and machinery.	Live stock.
1920.....	\$101.44	\$79.58	\$43.75	\$35.82	\$7.26	\$14.00
1910.....	74.42	63.01	33.86	29.15	4.02	7.39
1900.....	59.24	50.76	29.46	21.30	2.79	5.69
1890.....	53.66	46.61	.....	.....	2.01	5.04
1880.....	56.41	50.27	.....	.....	1.75	4.35
1870.....	40.61	34.36	.....	.....	1.25	4.39
1860.....	42.55	37.51	.....	.....	1.13	3.92
1850.....	34.43	30.82	.....	.....	0.90	2.77

¹ Computed gold values, being 80 per cent of the currency values reported.

FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE: 1920 AND 1910.

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	4,083	5,292	-1,209	-22.8	100.0	100.0
Under 20 acres.....	936	1,377	-441	-32.0	22.9	26.0
Under 3 acres.....	62	145	-83	-57.2	1.5	2.7
3 to 9 acres.....	389	585	-196	-33.5	9.5	11.1
10 to 19 acres.....	485	647	-162	-25.0	11.9	12.2
20 to 49 acres.....	983	1,144	-161	-14.1	24.1	21.6
50 to 99 acres.....	1,031	1,264	-233	-18.4	25.3	23.9
100 to 174 acres.....	718	945	-227	-24.0	17.6	17.9
175 to 499 acres.....	357	497	-130	-26.7	8.7	9.2
175 to 259 acres.....	229	312	-83	-26.6	5.6	5.9
260 to 499 acres.....	128	175	-47	-26.9	3.1	3.3
500 to 999 acres.....	46	51	-5		1.1	1.0
1,000 acres and over.....	12	24	-12		0.3	0.5

¹A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880
Total number of farms.....	4,083	5,292	5,498	5,500	6,216
Under 10 acres.....	451	730	834	420	430
10 to 19 acres.....	485	647	578	611	607
20 to 49 acres.....	983	1,144	1,169	1,239	1,391
50 to 99 acres.....	1,031	1,264	1,255	1,433	1,706
100 to 499 acres.....	1,075	1,432	1,599	1,751	2,029
500 to 999 acres.....	46	51	45	41	48
1,000 acres and over.....	12	24	17	5	5
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	11.0	13.8	15.2	7.6	6.9
10 to 19 acres.....	11.9	12.2	10.5	11.1	9.8
20 to 49 acres.....	24.1	21.6	21.3	22.5	22.4
50 to 99 acres.....	25.3	23.9	22.8	26.1	27.4
100 to 499 acres.....	26.3	27.1	29.1	31.8	32.6
500 to 999 acres.....	1.1	1.0	0.8	0.7	0.8
1,000 acres and over.....	0.3	0.5	0.3	0.1	0.1

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	331,600	443,308	132,855	178,344	\$28,387,926	\$27,932,860
Under 20 acres.....	9,087	12,387	6,890	9,873	3,900,539	5,169,439
20 to 49 acres.....	31,740	36,603	18,438	22,097	4,697,856	5,309,083
50 to 99 acres.....	70,151	87,794	32,193	41,493	6,154,134	6,140,626
100 to 174 acres.....	88,382	117,094	35,640	47,500	5,322,694	4,789,185
175 to 499 acres.....	89,728	121,322	29,328	42,914	4,104,038	5,069,297
500 to 999 acres.....	27,012	30,875	7,190	10,577	1,547,305	1,101,300
1,000 acres and over.....	15,500	36,733	3,180	3,890	861,050	366,930

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910
Total.....	40.1	40.2	\$6,493	\$5,278	\$79.58	\$63.01
Under 20 acres.....	75.8	79.7	4,137	3,754	429.24	417.33
20 to 49 acres.....	58.1	60.4	4,779	4,641	148.01	145.05
50 to 99 acres.....	45.9	47.3	5,969	4,858	87.73	69.94
100 to 174 acres.....	40.3	40.6	7,414	5,068	80.23	40.90
175 to 499 acres.....	32.7	35.2	11,495	10,383	45.74	41.51
500 to 999 acres.....	26.6	34.3	39,637	21,594	57.28	35.67
1,000 acres and over.....	20.5	10.6	59,088	15,289	42.65	9.99

FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	4,083	5,292	-1,209	-22.8	100.0	100.0
Owners.....	3,245	4,087	-842	-20.6	79.5	77.2
Owning entire farm.....	2,971	3,831	-860	-22.4	72.8	72.4
Hiring additional land.....	274	256	18	7.0	6.7	4.8
Managers.....	205	251	-46	-18.3	5.0	4.7
Tenants.....	633	954	-321	-33.6	15.5	18.0
Share tenants.....	22	27	-5		0.5	0.5
Share-cash tenants.....		8	-8			0.2
Cash tenants.....	609	738	-129	-17.5	14.9	13.9
Unspecified.....	2	181	-179	-98.9	(2)	3.4

¹A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

² Less than one-tenth of 1 per cent.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880
Total number of farms.....	4,083	5,292	5,498	5,500	6,216
Farms operated by owners.....	3,245	4,087	4,182	4,470	4,980
Owning entire farm.....	2,971	3,831	3,970	(3)	(3)
Hiring additional land.....	274	256	212	(2)	(2)
Farms operated by managers.....	205	251	208	(3)	(3)
Farms operated by tenants.....	633	954	1,108	1,030	1,236
Share tenants.....	22	27			
Share-cash tenants.....		8	63	118	247
Cash tenants.....	609	738			
Unspecified.....	2	181	1,045	912	989
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Operated by owners.....	79.5	77.2	76.1	81.3	80.1
Owning entire farm.....	72.8	72.4	72.2	(2)	(2)
Hiring additional land.....	6.7	4.8	3.9	(2)	(2)
Operated by managers.....	5.0	4.7	3.8	(3)	(3)
Operated by tenants.....	15.5	18.0	20.2	18.7	19.9
Share and share-cash.....	0.5	0.7	1.1	2.1	4.0
Cash and unspecified.....	15.0	17.4	19.0	18.6	15.9

¹Includes farms operated by managers.

²Not reported separately.

³Included with farms operated by owners.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	331,600	443,308	132,855	178,344	\$28,387,926	\$27,932,860
Owners.....	248,984	318,262	97,719	127,964	17,941,666	18,137,295
Managers.....	29,792	44,436	13,943	15,914	4,616,373	5,175,000
Tenants.....	52,874	80,610	21,193	34,466	3,829,897	4,620,565

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	79.5	77.2	75.1	71.8	73.6	71.8	68.0	64.9
Managers.....	5.0	4.7	9.0	10.0	10.5	8.9	17.5	18.5
Tenants.....	15.5	18.0	15.9	18.2	16.0	19.3	14.5	16.5

TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE: 1920 AND 1910.

TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IM- PROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	81.2	83.8	32.5	33.7	40.1	40.2	\$6,463	\$5,278	\$79.58	\$63.01
Owners.....	76.7	77.9	30.1	31.3	39.3	40.2	5,529	4,438	72.07	58.99
Managers.....	145.3	177.0	63.0	63.4	46.8	35.8	22,519	20,618	154.95	116.46
Tenants.....	83.5	84.5	33.5	36.1	40.1	42.8	6,050	4,843	72.43	57.32

FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.		
					All land (acres).	Improved land (acres).	Value of land and buildings.
Total.....	4,083	331,600	132,855	\$26,387,926	81.2	32.5	\$6,463
Male.....	3,788	308,368	124,262	24,900,858	81.4	32.8	6,507
Female.....	295	23,232	8,593	1,397,068	78.3	29.1	4,736
Owners.....	3,245	248,934	97,719	17,941,656	76.7	30.1	5,529
Male.....	2,976	227,593	89,801	16,707,238	76.5	30.2	5,614
Female.....	269	21,341	7,828	1,234,368	79.3	29.1	4,589
Managers.....	205	29,792	13,943	4,616,373	145.3	68.0	22,519
Male.....	201	29,376	13,741	4,576,373	146.1	68.4	22,768
Female.....	4	416	202	40,000	104.0	50.5	10,000
Tenants.....	633	52,874	21,193	3,826,897	83.5	33.5	6,050
Male.....	611	51,399	20,630	3,707,197	84.1	33.8	6,067
Female.....	22	1,475	563	122,700	67.0	25.6	5,577

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920
	1920	1910	Total.	Improved.	
All farmers.....	4,083	5,292	331,600	132,855	\$26,387,926
White farmers.....	4,063	5,251	330,648	132,543	26,348,426
Native.....	3,123	4,408	276,543	108,607	20,272,087
Foreign-born.....	940	843	54,105	23,936	6,076,339
Country of birth:					
Canada.....	162	150	11,360	4,555	910,293
England.....	105	161	7,310	2,150	468,810
Germany.....	103	53	5,827	2,732	698,502
Ireland.....	59	115	4,313	2,048	588,500
Italy.....	131	83	5,546	2,265	742,322
Sweden.....	62	52	2,614	1,164	438,531
Other countries.....	318	229	17,135	9,022	2,249,381
Colored farmers.....	20	41	952	312	39,500
Negro.....	19	40	944	304	31,500
Indian.....	1	1	8	8	8,000

¹ Includes farmers with country of birth not reported, as follows: For 1920, 116; for 1910, 72.

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE. ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	4,083	5,292	3,123	4,408	940	843	20	41
Owners.....	3,245	4,087	2,521	3,468	710	502	14	29
Managers.....	205	251	153	199	51	62	1	.....
Tenants.....	633	954	449	743	179	199	5	12

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.

[Owned farms only; includes all farms owned in whole or in part by the operator.]

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	3,245	4,087	-842	-20.6	100.0	100.0
Free from mortgage.....	1,971	2,811	-840	-29.0	60.7	68.8
Mortgaged.....	940	1,180	-231	-19.6	29.2	28.9
Unknown.....	325	96	-229	.....	10.0	2.3

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL.			
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	3,245	4,087	4,229	4,125	100.0	100.0	100.0	100.0
Free from mortgage.....	1,971	2,811	2,853	3,339	60.7	68.8	67.5	80.0
Mortgaged.....	940	1,180	1,061	786	29.2	28.9	25.1	19.1
Unknown.....	325	96	315	.....	10.0	2.3	7.4	.....

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE. ²	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	850	1,001	-145	-14.5
Value of land and buildings.....	\$4,864,643	\$4,087,933	\$776,710	19.0
Amount of mortgage debt.....	\$1,494,367	\$1,356,320	\$138,041	10.2
Ratio of debt to value, per cent..	30.7	33.2	.....	.....
Average rate of interest paid, per cent.....	5.8	.....	.....	.....
Average value per farm.....	\$5,683	\$4,084	\$1,599	39.2
Average debt per farm.....	\$1,740	\$1,355	\$385	28.9
Average equity per farm.....	\$3,937	\$2,729	\$1,208	44.3

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures, it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

² A minus sign (—) denotes decrease.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	NUMBER OF FARMS REPORTING.		INCREASE. ¹		PER CENT OF ALL FARMS.	
	1919	1909	Number.	Per cent.	1919	1909
Labor.....	2,266	3,521	-1,225	-34.8	53.2	66.5
Fertilizer.....	2,267	3,318	-1,021	-30.8	59.3	62.7
Feed.....	3,608	4,368	-750	-17.2	88.4	82.4

¹ A minus sign (—) denotes decrease.

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$2,102,397	\$1,761,594	\$340,803	19.3
Amount in cash.....	1,730,402	1,429,383	301,014	21.1
Value of rent and board furnished.....	371,995	332,206	39,789	12.0
Fertilizer.....	379,785	335,103	44,683	13.3
Feed.....	2,889,450	1,678,183	1,211,267	72.2

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in this bulletin are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

Dairy cows: 1920 and 1910.—In 1910 the census called for "cows and heifers kept for milk" and "cows and heifers *not* kept for milk." The instructions read: "Report as cows kept for milk those whose milk is used in some form for human food. Cows milked for three months during the year should be reported as *kept for milk*, although a part of the year they run with their calves."

In 1920 the census called for "dairy cattle" and "beef cattle." Dairy cattle were defined as those "kept mainly for milk production," and the following instructions were given the enumerators: "Classify all cattle as beef cattle or as dairy cattle according to the principal purpose for which they are kept." It is believed that under this rule the fully established dairy and beef breeds have been properly reported, with few errors, and that cattle of the dual-purpose breeds or of no definite breeding have been placed in one class or the other, according to the principal purpose for which they are kept.

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Rhode Island the number of "dairy cows," including heifers 1 year old and over, reported for January 1, 1920, was 24,914, as compared with 23,329 "cows kept for milk" reported for April 15, 1910. This represents an increase of 1,585, or 6.8 per cent, notwithstanding the change in classification indicated above. The

number of "beef cows" reported for January 1, 1920, was 1,001, as compared with 2,524 "other cows" reported for April 15, 1910, representing a decrease of 1,523, or 60.3 per cent.

Farms reporting domestic animals: 1910.—Horses were reported by 4,113 farms in Rhode Island in 1910, mules by 34 farms, cattle by 4,001, sheep by 242, and swine by 1,665. In comparing these figures with the 1920 figures given in the table, due allowance should be made for the fact that the total number of farms in Rhode Island in 1920 was only 4,083, as compared with 5,292 in 1910.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Num-ber.	Per cent of all farms.	Num-ber.	Value.	Average value.
Total.....	3,704	90.7	.....	\$4,335,833	.....
Horses, total.....	3,178	77.8	6,540	972,111	\$148.64
Colts under 1 year of age.....	75	1.8	129	17,020	181.94
Colts 1 year old and under 2 years.....	39	1.0	63	9,027	143.29
Mares 2 years old and over.....	1,377	33.7	2,042	313,987	153.76
Geldings 2 years old and over.....	2,274	55.7	4,189	611,188	145.90
Stallions 2 years old and over.....	81	2.0	117	20,880	178.54
Mules, total.....	35	0.9	75	9,037	120.49
Mule colts under 1 year of age.....	4	0.1	5	475	95.00
Mule colts 1 year old and under 2 years.....	31	0.8	70	8,562	122.31
Mules 2 years old and over.....	.....	.....	.....	.....	.....
Asses and burros.....	7	0.2	11	495	45.00
Cattle, total.....	3,313	81.3	30,519	2,984,096	97.78
Beef cattle, total.....	369	9.0	1,706	165,194	96.83
Calves under 1 year of age.....	97	2.4	244	6,886	28.22
Heifers 1 year old and under 2 years.....	64	1.6	164	13,930	84.94
Cows and heifers 2 years old and over.....	164	4.0	837	91,702	109.56
Steers 1 year old and under 2 years.....	40	1.0	97	7,704	79.42
Steers 2 years old and over.....	107	2.6	288	37,192	129.14
Bulls 1 year old and over.....	59	1.4	76	7,780	102.37
Dairy cattle, total.....	3,208	78.6	28,813	2,818,902	97.83
Calves under 1 year of age.....	1,289	31.6	3,183	113,775	35.74
Heifers 1 year old and under 2 years.....	1,328	32.5	3,483	224,714	64.52
Cows and heifers 2 years old and over.....	3,126	76.6	21,431	2,393,801	111.70
Bulls 1 year old and over.....	579	14.2	716	86,612	120.97
Sheep, total.....	146	3.6	2,738	37,319	13.64
Lambs under 1 year of age.....	84	2.1	684	7,545	11.03
Ewes 1 year old and over.....	130	3.2	1,814	25,258	13.92
Rams 1 year old and over.....	78	1.9	104	2,625	25.24
Wethers 1 year old and over.....	13	0.3	134	1,891	14.11
Goats, total.....	35	0.9	116	1,637	14.11
Kids under 1 year of age, raised for fleeces.....	3	0.1	6	43	7.17
Goats 1 year old and over, raised for fleeces.....	9	0.2	22	305	13.86
All other goats.....	27	0.7	88	1,289	14.65
Swine, total.....	2,097	51.4	12,869	331,138	25.73
Pigs under 6 months old.....	1,082	28.5	6,833	83,904	12.28
Sows and gilts for breeding, 6 months old and over.....	605	14.8	1,701	82,488	48.40
Boars for breeding, 6 months old and over.....	186	4.6	261	13,244	50.74
All other hogs, 6 months old and over.....	1,226	30.0	4,074	151,502	37.19

TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORTING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Number.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total	3,560	87.2	266,009	241,209	\$498,257	\$1.87
Chickens.....	3,534	86.6	253,807	392,704	471,456	1.86
Turkeys.....	187	4.6	1,310	1,109	7,996	6.10
Ducks.....	388	9.5	4,040	4,519	8,534	1.84
Geese.....	256	6.3	1,419	2,725	6,042	4.26
Guinea fowls.....	184	4.5	1,383	4,277	1,652	1.19
Pigeons.....	118	2.9	3,044	9,873	2,577	0.71
Hives of bees	168	4.1	686	1,267	6,189	9.02

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes a small number of peafowls.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	6,540	9,527	-2,987	-31.4
Colts under 1 year old on Jan. 1 of census year.....	129	93	36	.....
Horses 1 year old and over on Jan. 1 of census year.....	6,411	9,434	-3,023	-32.0
Mules:				
Total, excluding spring colts reported for 1910.....	75	63	12	.....
Mule colts under 1 year old on Jan. 1 of census year.....	.....	.....	.....	.....
Mules 1 year old and over on Jan. 1 of census year.....	75	63	12	.....
Cattle:				
Total, excluding spring calves reported for 1910.....	30,519	30,375	144	0.5
Calves under 1 year old on Jan. 1 of census year.....	3,427	3,541	-114	-3.2
Cows and heifers 1 year old and over on Jan. 1 of census year.....	25,915	25,853	62	0.2
Steers and bulls 1 year old and over on Jan. 1 of census year.....	1,177	981	196	20.0
Sheep:				
Total, excluding spring lambs reported for 1910.....	2,736	4,206	-1,470	-35.0

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	Number.		Increase. ¹	Per cent.
			1920 (Jan. 1)	1910 (Apr. 15)		
Total.....	4,563	6,806	.....	.....	.....	.....
Horses.						
Horses 1 year old and over on Jan. 1 of census year.....	2,487	6,049	6,940	17,802	-10,862	-61.0
.....	.....	.....	6,931	17,763	-10,832	-61.0
Mules.						
Mules 1 year old and over on Jan. 1 of census year.....	26	25	68	76	-8	.....
.....	.....	.....	68	76	-8	.....
Asses and burros.	6	6	6	8	-2	.....
Cattle.						
Cattle 1 year old and over on Jan. 1 of census year.....	1,347	1,214	3,003	2,654	349	13.1
.....	.....	.....	2,760	2,208	552	25.0
Sheep.	14	13	113	108	5	4.6
Goats.	129	133	253	243	10	4.1
Swine.	1,905	532	5,297	2,969	2,328	78.4

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	13,480	6,540	6,940
Horses 2 years old and over.....	13,239	6,348	6,891
Mules.....	143	75	68
Mules 2 years old and over.....	136	70	66
Asses and burros.....	17	11	6
Cattle.....	33,522	30,519	3,003
Beef cattle.....	1,940	1,706	234
Dairy cattle.....	31,582	28,813	2,769
Dairy cows.....	23,688	21,431	2,257
Sheep.....	2,849	2,736	113
Goats.....	369	116	253
Swine.....	19,166	12,869	5,297

LIVE-STOCK PRODUCTS.

Farm value of live-stock products: 1919 and 1909.—The Thirteenth Census schedule called for the total value as well as the total quantity of all live-stock products, whether sold or consumed on the farm. The 1909 values are therefore based directly on the reported figures. But in the Fourteenth Census schedule the question as to value in the case of dairy products, eggs, and chickens was restricted to the amounts sold. The 1919 value of butter made on farms has been computed on the basis of the average value received per pound for butter sold; the values of eggs produced and chickens raised have been computed in a similar way. The values of cheese made on farms and of honey and wax produced have been computed on the basis of average values per pound secured through the Bureau of Crop Estimates of the Department of Agriculture. The method of obtaining these average values was the same as that used for securing average values for the important crops, which is described in a later paragraph.

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates, or for other reasons, fail to report their milk production, even though they report butter or other dairy products, as well as dairy cows. For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are more likely to make complete reports than those with cows of a lower grade, the estimates obtained in this way have probably been somewhat above

the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows, or milk produced on farms which kept dairy cows some time during the year 1919 but had none on January 1, 1920. It may be safely assumed that the returns for butter and cheese made on farms and for milk, cream, butter fat, and butter sold are much more nearly complete than in the case of milk produced. Hence no estimates have been made for these items.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Number.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	3,126	76.6	21,431	Head..	
On farms reporting milk produced.....	2,614	64.0	19,164	Head..	
On farms not reporting milk produced.....	512	12.5	2,267	Head..	
Average production of milk per dairy cow, 1919 ¹			550	Gals..	
Specified dairy products:					
Milk, as reported.....1919.....			10,852,261	Gals..	
.....1909.....			10,441,951	Gals..	
Increase, 1909-1919.....			410,310	Gals..	
Per cent of increase.....			3.9		
Total production of milk, including estimates.....1919.....			12,099,111	Gals..	
Butter made.....1919.....	1,033	25.3	174,902	Lbs..	\$105,834
.....1909.....	1,633	30.9	339,607	Lbs..	\$104,161
Cheese made.....1919.....	69	1.7	10,410	Lbs..	\$3,748
.....1909.....	22	0.4	3,860	Lbs..	\$615
Milk sold.....1919.....	1,993	48.8	9,313,548	Gals..	\$3,667,306
.....1909.....	1,953	36.9	8,796,847	Gals..	\$1,903,546
Cream sold.....1919.....	119	2.9	30,022	Gals..	\$43,522
.....1909.....	108	2.0	42,421	Gals..	\$55,997
Butter fat sold.....1919.....	15	0.4	15,524	Lbs..	\$10,471
.....1909.....	38	0.7	5,347	Lbs..	\$1,622
Butter sold.....1919.....	370	9.1	81,150	Lbs..	\$49,229
.....1909.....	643	12.2	177,322	Lbs..	\$55,955
Value of milk, cream, and butter fat sold, and of butter and cheese made ².....1919.....					\$3,830,881
.....1909.....					\$2,065,941
Increase, 1909-1919.....					\$1,764,940
Per cent of increase.....					85.4
Receipts from sale of dairy products ³.....1919.....					\$3,770,528
.....1909.....					\$2,017,444
Increase, 1909-1919.....					\$1,753,084
Per cent of increase.....					86.9

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

³ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$324.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.....	146	2,738			
On farms reporting wool.....	107	2,522			
On farms not reporting wool.....	39	214			
Sheep of shearing age ¹ on farms Apr. 15, 1910.....	214	4,206			
Wool produced, as reported, total.....1919.....	111		2,103	12,751	\$7,855
On farms reporting sheep.....	107		2,050	12,433	\$7,671
On farms not reporting sheep.....	4		53	318	\$184
Total production of wool, including estimates.....1919.....				13,488	\$8,363
.....1909.....				24,009	\$9,835
Increase, 1909-1919 ²				-10,521	\$1,528
Per cent of increase ²				-43.8	22.4
Goats raised for fleeces, on farms Jan. 1, 1920.....	9	28			
Mohair produced, as reported, total.....1919.....	5		13	72	\$42
.....1909.....	1			2	\$1

¹ Sheep born before Jan. 1, 1910. ² A minus sign (—) denotes decrease.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Number.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.....	3,534	86.6	Number. 253,607	
On farms reporting eggs produced.....	3,113	76.2	233,006	
On farms reporting chickens raised.....	2,849	57.5	205,210	
Fowls on farms Apr. 15, 1910.....	4,341	82.0	415,209	
Eggs produced, as reported.....1919.....	3,149	77.1	Dozens. 1,424,521	\$843,777
Total production of eggs, including estimates.....1919.....			1,536,858	906,746
.....1909.....			2,394,081	848,527
Eggs sold, as reported.....1919.....	2,413	59.1	1,017,483	604,363
.....1909.....	3,606	68.1	2,246,679	669,984
Chickens raised, as reported.....1919.....	2,382	58.3	Number. 352,788	504,827
Total chickens raised, including estimates.....1919.....			433,668	620,145
.....1909.....			602,335	482,015
Chickens sold, as reported.....1919.....	1,607	39.4	142,632	199,605
.....1909.....	2,995	56.6	296,413	245,325

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.....	168	686		
On farms reporting honey.....	85	439		
On farms not reporting honey.....	83	247		
Bees on farms Apr. 15, 1910.....	285	1,267		
Honey produced.....1919.....	85		6,488	\$1,687
.....1909.....	176		14,221	2,904
Wax produced.....1919.....			57	17
.....1909.....			185	55

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, including the number of farms reporting each crop, and the percentage of increase for the decade in acreage, production, and value.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number of fruit trees) and the number of farms reporting are on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the

value of the crops may result largely from changes in prices.

The combined acreage of crops harvested in Rhode Island in 1919 for which the acreage was reported was 61,733, which represents 46.5 per cent of the total improved land in farms (132,855 acres). The total crop acreage reported for 1909 was 83,705, or 46.9 per cent of the improved land in farms (178,344 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested, as shown in the tables, there were reported 90 acres of mature crops grazed or "hogged off."

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.						
	Number.		Percent of all farms.					Quantity.			Value.			
	1919	1909	1919	1909				Unit.	1919	1909	Percent of increase. ¹	1919	1909	Percent of increase.
					1919	1909	Percent of increase. ¹							
All crops.....					61,733	83,705	-26.2					\$5,340,378	\$2,986,816	78.8
With acreage reports.....												4,120,249	2,770,355	48.6
With no acreage reports.....												1,214,120	210,461	476.9
Cereals, total.....					9,168	12,112	-24.3	Bu.	356,889	459,384	-22.3	665,745	376,097	77.0
Corn.....	2,211	2,898	54.2	54.8	7,324	9,679	-24.3	Bu.	310,901	398,193	-21.9	606,250	385,629	80.8
Oats.....	321	455	7.9	8.6	1,215	1,726	-29.6	Bu.	34,507	48,212	-28.4	37,058	28,661	32.4
Wheat.....	40	7	1.0	0.1	1,06	13		Bu.	2,275	208	993.8	5,232	211	
Barley.....	43	63	1.1	1.2	145	182	-20.3	Bu.	3,154	4,070	-32.5	4,416	4,120	7.0
Rye.....	120	176	2.9	3.3	349	477	-26.8	Bu.	5,650	7,545	-25.1	11,300	7,007	61.3
Buckwheat.....	29	28	0.7	0.5	20	35		Bu.	402	550	-26.9	583	403	25.9
Other grains and seeds with acreage reports, total ²					105	58		Bu.	1,164	896	29.9	7,390	2,211	234.2
Dry edible beans.....	198	282	4.8	4.8	69	54		Bu.	883	817	5.6	6,041	2,084	189.9
Soy beans.....	12		0.3		13			Bu.	156			624		
Dry peas.....	6	18	0.1	0.3	23	4		Bu.	145	73		725	102	610.8
Seeds with no acreage reports, total ³								Bu.	298	19		2,956	2,603	13.6
Red clover seed.....	2		(*)					Bu.	19			665		
Other clover and alfalfa seed.....	3		0.1					Bu.	7			210		
Timothy seed.....	5	2	0.1	(*)				Bu.	203	17		1,472	38	
Other grass seed.....	3		0.1					Bu.	69	2		440	6	
Hay and forage, total ⁴	3,558	4,546	87.1	85.9	50,490	61,330	-28.9	Tons.	90,926	80,309		2,319,136	1,309,787	41.1
All tame or cultivated grasses.....					39,592	55,698	-28.9	Tons.	48,127	66,431	-27.6	1,677,739	1,180,019	41.1
Timothy alone.....	1,007	1,421	24.7	26.9	9,360	16,804	-43.6	Tons.	12,565	21,892	-42.6	471,189	412,692	14.2
Timothy and clover mixed.....	1,620	1,917	37.2	36.2	17,242	22,046	-21.3	Tons.	22,005	28,292	-22.2	781,179	507,738	53.9
Clover alone.....	57	60	1.4	1.1	303	205	47.8	Tons.	526	205	78.3	18,674	4,786	290.2
Alfalfa.....	32	11	0.8	0.2	110	34		Tons.	304	78		12,160	1,290	842.6
Other tame grasses ⁵	1,176		28.8		12,577	16,809	-25.2	Tons.	12,727	15,874	-19.8	394,537	262,513	50.3
Wild, salt, or prairie grasses.....	118	226	2.9	4.3	697	1,399	-60.2	Tons.	640	1,194	-46.4	14,720	12,810	14.9
Small grains cut for hay.....	904		22.1		2,959	2,505	47.5	Tons.	4,694	4,638	24.2	120,738	50,528	180.5
Annual legumes cut for hay.....	90	926	2.2	17.5	736			Tons.	1,061			81,830		
Silage crops.....	340		8.3		2,557			Tons.	26,341			302,922		
Corn cut for forage ⁶	1,076		26.4		3,588	1,713		Tons.	8,201	7,871		118,916	49,035	
Kafir, sorghum, etc., for forage.....	8		0.2		19			Tons.	22			270		
Root crops for forage.....	232		5.7		342	15		Tons.	1,840	180	922.2	40,000	2,365	
Vegetables, total.....												1,480,326	1,045,093	41.6
Potatoes (Irish or white).....	2,987	3,941	73.2	74.5	3,149	4,649	-32.3	Bu.	293,087	552,677	-47.0	674,100	408,429	65.0
Sweet potatoes and yams.....	2	3	(*)	0.1	(*)	(*)		Bu.	11	5		22	8	
Other vegetables ⁷	916	4,325	22.4	81.7	2,163	5,275						394,100	636,656	
Farm garden ¹⁰	3,440		84.3									412,104		
Miscellaneous crops, total.....												336	178	88.8
Tobacco.....	5	5	0.1	0.1	(*)	(*)		Lbs.	300	510	-41.2	90	164	-45.1
Maple sugar and sirup.....	20	2	0.5	(*)								246	14	
Fruits, total.....												864,489	250,877	244.6
Small fruits.....	738		18.1		246	281	-12.5	Qts.	339,064	437,560	-22.5	65,600	43,033	52.6
Other fruits.....												798,823	11,707,844	284.3

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.

² Excluding 3,588 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.

³ The 1909 figures include small quantities of peanuts and anise seed.

⁴ The total values include the value of small quantities of flower and vegetable seeds. The entire acreage from which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁵ Less than one-tenth of 1 per cent.

⁶ Corn cut for forage was not reported to any extent in 1909. Hence no close comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

⁷ Includes millet and Hungarian grass.

⁸ Less than 1 acre.

⁹ The 1919 figures represent vegetables raised for sale only.

¹⁰ In 1909 the value of the farm garden was largely included in the value of "other vegetables."

¹¹ Includes the value of a small quantity of nuts.

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including land, buildings, implements and machinery, and the different classes of live stock. It also called for mortgage indebtedness, certain classes of farm expenditures, and the value of live-stock products sold. To this extent the census of 1920 followed the procedure of 1910 and 1900.

TABLE 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	7,324	9,679	8,149	7,819	11,893
Oats.....	1,215	1,726	1,530	3,648	5,675
Barley.....	145	182	222	363	715
Rye.....	349	477	591	779	1,270
Hay and forage.....	150,490	61,330	69,776	94,111	102,894
Potatoes.....	3,149	4,649	5,816	5,595	5,796

¹ Includes 3,588 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.			AVERAGE VALUE PER ACRE.	
	1919	1909	Unit.	1919	1909	1919	1909
Corn.....	5.5	5.4	Bu...	42.4	41.1	\$32.78	\$34.68
Oats.....	0.9	1.0	Bu...	28.4	27.0	31.24	16.61
Barley.....	0.1	0.1	Bu...	21.8	25.7	30.46	22.67
Rye.....	0.3	0.3	Bu...	16.2	15.8	32.38	14.69
Hay and forage.....	38.0	34.4	Tons.	1.80	1.31	45.93	21.36
Potatoes.....	2.4	2.6	Bu...	93.1	118.9	214.07	87.85

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

[Vegetables other than potatoes and sweet potatoes.]

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	916	22.4	2,183	\$394,100
Asparagus.....	32	0.8	50	9,916
Beans (green).....	230	5.6	197	26,627
Cabbages.....	277	6.8	255	41,296
Cantaloupes and muskmelons.....	30	0.7	31	5,714
Carrots.....	35	0.9	22	6,152
Celery.....	33	0.8	25	12,602
Corn (sweet).....	497	12.2	756	75,788
Cucumbers.....	131	3.2	72	19,323
Lettuce.....	85	2.1	27	32,876
Onions.....	156	3.8	48	22,465
Peas (green).....	186	4.6	137	13,884
Peppers (green).....	42	1.0	90	10,930
Potatoes.....	296	7.2	223	61,819
Turnips.....	113	2.8	56	12,188
All other vegetables.....			88	27,273
Mixed vegetables.....	25	0.6	86	15,374

TABLE 36.—MAPLE SUGAR AND SIRUP: 1919 AND 1909.

PRODUCT.	FARMS REPORTING.		Trees tapped.	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Total.....1919..	20	0.5	326			\$240
.....1909..	2	(¹)	39			14
Sugar made.....1919..				10	Lbs.	3
.....1909..						
Sirup made.....1919..				97	Gals.	243
.....1909..	2	(¹)		13	Gals.	14

¹ Less than one-tenth of 1 per cent.

In the case of farm crops, however, wherever a unit value could be used, such as the value per bushel, per pound, or per ton, the farmer was asked to report the acreage and production of each crop but not the value. To supplement the information obtained from the farmers, the Bureau of Crop Estimates of the United States Department of Agriculture secured by special schedule from its crop reporters average values for such crops. These special schedules were tabulated by the Bureau of the Census, and the resulting averages, approved by the Bureau of Crop Estimates as representing a fair average of the farm value per unit, were used in computing most of the crop values presented in the accompanying tables.

For some products it was not possible to find any satisfactory unit on which to base a computation of the total value. Values were therefore obtained on the 1920 census schedule for vegetables, other than potatoes and sweet potatoes, and for the farm garden.

TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....1919..	738	18.1	246	339,064	\$65,666
.....1909..			281	437,560	43,033
Strawberries.....1919..	503	12.3	90	116,646	29,162
.....1909..	545	10.3	140	326,540	31,712
Raspberries.....1919..	269	6.6	52	47,281	15,129
Loganberries.....1919..	1	(¹)	(²)	64	6
Raspberries and loganberries.....1909..	154	2.9	34	32,871	4,197
Blackberries and dewberries.....1919..	82	2.0	7	6,428	1,415
.....1909..	69	1.3	16	17,875	1,927
Cranberries.....1919..	60	1.5	82	152,582	16,784
.....1909..	127	2.4	70	34,688	2,734
Currants.....1919..	133	3.3	9	13,982	2,796
.....1909..	130	2.5	12	17,110	1,564
Other berries.....1919..	25	0.6	6	2,081	374
.....1909..			9	8,476	890

¹ Less than one-tenth of 1 per cent.

² Less than 1 acre.

TABLE 38.—FRUIT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

FRUIT.	FARMS REPORTING.		TREES OR VINES NOT OF BEARING AGE.	
	Number.	Per cent of all farms.	1920	1910
Orchard fruits, total ¹ ..	1,363	33.4	107,272	94,564
Apples.....	1,118	27.4	71,375	54,560
Peaches.....	571	14.0	25,366	30,795
Pears.....	463	11.3	7,955	5,405
Plums and prunes.....	217	5.3	1,347	2,556
Cherries.....	313	7.7	1,188	453
Subtropical fruits, total.....	2	(²)	15	3
Figs.....	2	(²)	15	3
Grapes.....	279	6.8	44,984	9,634

¹ Includes apricots and quinces. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² Less than one-tenth of 1 per cent.

TABLE 39.—ORCHARD AND SUBTROPICAL FRUITS AND GRAPES: 1919 AND 1909.

FRUIT.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Percent of all farms.				Quantity.			Value.	
	1920	1910	1920	1910	1920	1910	Unit.	1919	1909	1919	1909
Orchard fruits, total ¹	3, 015	8, 327	73.8	62.9	250,911	215,798	Bu....	374,413	245,822	\$774,650	\$197,639
Apples.....	2,958	8,327	72.4	62.9	173,110	152,009	Bu....	334,308	212,908	668,616	147,125
Peaches.....	936	814	22.9	15.4	61,125	39,342	Bu....	28,771	17,704	77,682	30,609
Pears.....	1,587	1,781	38.9	33.7	13,435	16,907	Bu....	10,713	12,501	26,784	14,577
Plums and prunes.....	387	533	9.5	10.1	1,964	4,836	Bu....	465	1,872	1,093	3,586
Cherries.....	383	310	9.4	5.9	1,181	964	Bu....	89	214	348	464
Subtropical fruits, total.....	5	4	0.1	0.1	129	183	Lbs...	960	1,090	115	397
Figs.....	5	4	0.1	0.1	129	183	Lbs...	960	1,090	115	397
Grapes.....	896	534	21.9	10.1	50,933	7,662	Lbs...	400,975	152,937	24,058	9,759

¹ Includes apricots and quinces. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

Age of farmers.—A farmer or farm operator, as defined for census purposes, is a person who operates a farm. The number of farm operators, for which the age distribution is shown in the following table, is therefore the same as the number of farms.

TABLE 40.—FARM OPERATORS CLASSIFIED ACCORDING TO AGE AND TENURE: 1920 AND 1910.

AGE.	TOTAL.		OWNERS.		MAN-AGERS.		TENANTS.	
	1920	1910	1920	1910	1920	1910	1920	1910
All farmers, total...	4,083	5,292	3,245	4,087	205	251	633	954
Reporting age.....	3,991	5,188	3,166	4,007	201	242	624	939
Under 25 years.....	49	80	21	39	12	13	16	28
25 to 34 years.....	363	530	198	287	32	43	133	200
35 to 44 years.....	774	1,101	542	755	53	68	179	278
45 to 54 years.....	1,064	1,301	848	1,038	47	55	169	208
55 to 64 years.....	916	1,149	802	964	32	36	82	149
65 years and over.....	825	1,027	755	924	25	27	45	76
Not reporting age.....	92	104	79	80	4	9	9	15

Farmers classified by number of years on farm.—In the following table the farmers of the state are classified according to the number of years they had been on the farms which they were operating when the census was taken. The purpose of this classification is to show the relative stability of the different classes.

In 1920 the date of enumeration (January 1) came just before the period during which changes from one farm to another are commonly made in most localities, and hence at a time when many farmers had almost, but not quite, completed one, two, or more years on their farms. Considerable numbers of these farmers reported one, two, or more full years, in place of reporting the correct number of months (or years and months). In 1910, however, the enumeration date (April 15) was late enough so that, in localities where the common moving time was in the early part of the year, the number of years of occupancy was accurately reported. These differences seriously affect the comparability of the returns, especially for the first two years of occupancy. Hence these two years, which were tabulated separately and are so published in Volume V of the Fourteenth Census Reports, have been combined in the following table.

TABLE 41.—FARM OPERATORS CLASSIFIED ACCORDING TO NUMBER OF YEARS ON FARM, BY TENURE: 1920 AND 1910.

NUMBER OF YEARS ON FARM.	TOTAL.		OWNERS.		MAN-AGERS.		TENANTS.	
	1920	1910	1920	1910	1920	1910	1920	1910
All farmers, total...	4,083	5,292	3,245	4,087	205	251	633	954
Rptg. years on farm.....	3,970	4,868	3,160	3,721	198	237	612	910
Less than 2 years.....	406	603	221	279	45	58	140	266
2 to 4 years.....	640	902	402	544	52	62	186	296
5 to 9 years.....	757	837	587	619	43	55	127	163
10 years and over.....	2,167	2,526	1,950	2,279	58	62	159	185
Not reporting.....	113	424	85	366	7	14	21	44

Cooperative marketing and purchasing.—Cooperative marketing of farm products or cooperative purchasing of supplies through farmers' organizations in 1919 was reported by 145 farms in Rhode Island, including 36 farms which reported both sales and pur-

chases, 59 farms which reported sales only, and 50 farms which reported purchases only.

TABLE 42.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: 1919.

ITEM.	FARMS REPORTING.		AMOUNT.	
	Number.	Per cent of all farms.	Total.	Average per farm.
Marketing or purchasing.....	145	3.6		
Marketing.....	95	2.3	\$222,078	\$2,338
Purchasing.....	86	2.1	30,534	355

Farm facilities—Motor vehicles, telephones, water, and light on farms.—The following table indicates the extent to which the farmers of Rhode Island used motor vehicles and telephones, and the extent to which the farm homes were supplied with water and modern lighting facilities.

TABLE 43.—MOTOR VEHICLES, TELEPHONES, WATER, AND LIGHT ON FARMS: 1920.

ITEM.	FARMS REPORTING.		Number reported.	Number per 1,000 of all farms.
	Number.	Per cent of all farms.		
Automobiles.....	1,198	29.3	1,395	349
Motor trucks.....	471	11.5	536	134
Tractors.....	69	1.7	79	20
Telephones.....	1,085	41.3		
Water piped into house.....	1,451	35.5		
Gas or electric light.....	700	17.1		

Pure-bred live stock on farms.—The inquiry relating to pure-bred live stock called for registered animals only, but it seems evident, from a study of the returns, that some animals merely eligible for registry (but not actually registered) were included in the reports.

The number of farms in Rhode Island in 1920 was 4,083, of which number 3,704 reported domestic animals of some kind, and 367 reported pure-bred live stock.

TABLE 44.—PURE-BRED LIVE STOCK CLASSIFIED ACCORDING TO BREED: 1920.

NOTE.—Pure-bred horses reported in Rhode Island represented 1.1 per cent of all horses on farms (see Table 23); pure-bred cattle, 5.6 per cent of the total; pure-bred sheep, 3.4 per cent; and pure-bred swine, 4 per cent.

BREED.	Number.	BREED.	Number.
Horses, total.....	75	Sheep, total.....	93
Clydesdale.....	17	Shropshire.....	47
Hackney.....	22	Southdown.....	36
Percheron.....	8	All other breeds ¹	10
All other breeds ¹	28		
Cattle, total.....	1,719	Swine, total.....	513
Beef breeds, total.....	68	Berkshire.....	377
Hereford.....	64	Chester White.....	52
Shorthorn.....	4	Duroc-Jersey.....	33
Dairy breeds, total.....	1,651	Hampshire.....	7
Ayrshire.....	494	Yorkshire.....	26
Guernsey.....	217	All other breeds ¹	18
Holstein-Friesian.....	542		
Jersey.....	351		
All other dairy breeds ¹	47		

¹Includes animals reported as pure bred, with breed not specified.

Calves, pigs, and lambs raised on farms.—The figures presented include young animals born in 1919, which were retained on the farm, sold to others, or slaughtered for food, but do not include young animals purchased or those that died.

TABLE 45.—CALVES, PIGS, AND LAMBS RAISED ON FARMS: 1919.

ITEM.	FARMS REPORTING.		ANIMALS RAISED.	
	Number.	Per cent of all farms.	Number.	Average per farm.
Calves.....	1,905	48.9	10,524	5.3
Pigs.....	763	18.7	12,446	16.3
Lambs.....	90	2.2	1,102	12.2

Domestic animals sold or slaughtered on farms.—The number of cattle, swine, and sheep slaughtered on farms was reported for both 1919 and 1909, but the farm schedule for 1919 carried no inquiry with regard to the value of the animals slaughtered, or with regard to the number or value of the animals sold by farmers. The total value of domestic animals sold or slaughtered on farms in Rhode Island in 1919 has been estimated, however, at \$1,300,000, as compared with \$746,583, the value reported for 1909.

TABLE 46.—DOMESTIC ANIMALS SLAUGHTERED ON FARMS: 1919 AND 1909.

ITEM AND CENSUS YEAR.	FARMS REPORTING.		ANIMALS SLAUGHTERED.		Meat and meat products sold (pounds).
	Number.	Per cent of all farms.	Number.	Average per farm.	
Cattle and calves.....1919..	231	5.7	827	3.6	92,228
.....1909..	.....	.....	7,874	.....	.....
Cattle.....1909..	203	3.8	6,699	33.0	.....
Calves.....1909..	56	1.1	1,175	21.0	.....
Swine.....1919..	1,507	38.9	4,167	2.8	387,822
.....1909..	1,034	19.5	3,674	3.6	.....
Sheep and lambs.....1919..	36	0.9	167	4.6	6,368
.....1909..	40	0.8	749	18.7	.....

Sales of selected crops.—The sales of the crops listed represent that part of the year's production which was sold, or to be sold, by those farmers who produced the crops.

TABLE 47.—PRODUCTION AND SALES OF SELECTED CROPS: 1919 AND 1909.

CROP AND CENSUS YEAR.	Farms reporting production.	FARMS REPORTING SALES.		Production.	QUANTITY SOLD (OR TO BE SOLD).	
		Number.	Per cent of farms reporting production.		Amount.	Per cent of production.
Corn.....1919..	2,211	119	5.4	Bushels. 310,901	Bushels. 19,149	6.2
.....1909..	2,898	144	5.0	398,193	17,076	4.3
Oats.....1919..	321	6	1.9	34,507	880	2.6
.....1909..	455	7	1.5	48,212	846	1.8
Barley.....1919..	43	.....	.....	3,154	.....	.....
.....1909..	63	3	4.8	4,676	145	3.1
Hay.....1919..	.....	.....	.....	Tons. 54,522	Tons. 4,680	8.6
.....1909..	.....	.....	.....	72,258	5,565	7.7
Potatoes.....1919..	2,987	1,018	34.1	Bushels. 293,087	Bushels. 179,752	61.3
Apples.....1919..	.....	1,098	.....	334,308	230,861	69.1

Fruit products of farms.—The figures relate only to fruit products obtained from fruit grown on those farms reporting the products.

TABLE 48.—FRUIT PRODUCTS (FARM PRODUCTION): 1919 AND 1909.

ITEM.	Farms reporting.	Production.
Cider.....1919..	926	Gallons. 104,125
.....1909..	830	147,645
Cider made (or to be made) into vinegar.....1919..	538	36,408
Vinegar made on farms ¹.....1909..	151	19,008
Grape juice.....1919..	104	2,591
Wine and grape juice.....1909..	56	2,856
Dried fruits.....1919..	16	Pounds. 307
.....1909..	.....	.....

¹ Includes vinegar other than that made from cider.

Forest products of farms.—Forest products, as defined on the farm schedule, include firewood, fence posts, crossties, pulp wood, saw logs, poles, etc., and standing timber sold and cut during the years indicated. The figures cover only forest products of farms and do not represent by any means the total value of all forest products cut in the state during the census years.

TABLE 49.—FOREST PRODUCTS OF FARMS: 1919 AND 1909.

ITEM.	1919	1909
Forest products of farms:		
Farms reporting.....	1,672	2,346
Per cent of all farms.....	41.0	44.3
Value.....	\$470,677	\$312,022
Average per farm reporting.....	\$281	\$133
Forest products sold from farms (or cut and held for sale):		
Farms reporting.....	548	
Value.....	\$313,236	\$232,474
Average per farm reporting.....	\$577	
Forest products used on farms (or cut and held for use):		
Farms reporting.....	1,588	
Value.....	\$150,841	\$79,543
Average per farm reporting.....	\$99	

Nurseries and greenhouses.—The data presented for nurseries include the returns from all farms and establishments reporting receipts from the sale of nursery stock, and those for greenhouses include the returns from all farms and establishments reporting receipts from the sale of greenhouse products (whether grown in hothouses or in cold frames).

TABLE 50.—NURSERIES AND GREENHOUSES: 1919 AND 1909.

ITEM.	1919	1909
Nurseries:		
Number of nurseries (farms and establishments) reporting.....	21	27
Acres used for growing nursery stock.....	280	212
Receipts from sale of products.....	\$101,739	\$75,544
Average receipts per nursery.....	\$4,845	\$2,798
Average receipts per acre.....	\$301.30	\$356.34
Greenhouses:		
Number of farms and establishments reporting.....	183	146
Square feet under glass.....	2,274,951	2,027,643
Receipts from sale of products.....	\$1,102,063	\$558,543
Flowers and flowering plants.....	\$846,412	.....
Vegetables and vegetable plants.....	\$255,651	.....
Average receipts per farm or establishment.....	\$6,022	\$3,826

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920; WITH SELECTED ITEMS FOR 1910 AND 1900.

		THE STATE.	Bristol.	Kent.	Newport.	Providence.	Washington.
ALL FARMS.							
1	Number of farms, 1920.....	4,083	215	431	823	1,639	975
2	1910.....	5,292	234	638	1,003	2,193	1,224
3	1900.....	5,498	205	774	940	2,287	1,292
4	All farmers classified by sex, 1920:						
5	Male.....number..	3,788	205	405	777	1,502	890
6	Female.....number..	295	10	26	46	137	76
7	Color and nativity of all farmers, 1920:						
8	Native white.....number..	3,123	141	326	598	1,201	857
9	Foreign-born white.....number..	940	73	104	220	434	100
10	Negro and other nonwhite.....number..	20	1	1	5	4	9
11	All farms classified by size, 1920:						
12	Under 3 acres.....number..	62	1	5	2	47	7
13	3 to 9 acres.....number..	389	55	26	85	159	64
14	10 to 19 acres.....number..	485	48	47	155	109	66
15	20 to 49 acres.....number..	983	62	103	272	387	159
16	50 to 99 acres.....number..	1,031	32	110	196	450	243
17	100 to 174 acres.....number..	718	13	91	83	284	247
18	175 to 259 acres.....number..	229	1	19	19	94	96
19	260 to 499 acres.....number..	128		19	10	38	61
20	500 to 999 acres.....number..	46	3	9	1	7	26
21	1,000 acres and over.....number..	12		2		4	6
LAND AND FARM AREA.							
22	Approximate land area, 1920.....acres..	682,880	15,360	111,360	72,060	275,200	208,000
23	Land in farms, 1920.....acres..	331,000	8,238	40,810	42,639	122,825	117,088
24	1910.....acres..	443,308	9,551	68,956	47,240	166,343	151,218
25	1900.....acres..	455,602	7,585	71,936	48,662	167,437	169,992
26	Improved land in farms, 1920.....acres..	132,855	5,413	14,712	29,794	41,646	41,290
27	1910.....acres..	178,344	6,048	21,250	34,883	57,785	58,369
28	1900.....acres..	187,354	5,313	24,255	36,431	61,545	59,810
29	Woodland in farms, 1920.....acres..	130,462	1,399	18,457	7,412	50,489	52,705
30	Other unimproved land in farms, 1920.....acres..	68,283	1,426	7,641	5,433	30,090	23,093
31	Per cent of land area in farms, 1920.....	48.6	53.6	36.6	58.4	44.6	56.3
32	Per cent of farm land improved, 1920.....	40.1	65.7	36.0	69.9	33.9	35.3
33	Average acreage per farm, 1920.....	81.2	38.3	94.7	51.8	74.9	120.1
34	Average improved acreage per farm, 1920.....	32.5	25.2	34.1	30.2	25.4	42.3
VALUE OF FARM PROPERTY.							
35	All farm property, 1920.....dollars..	33,636,766	2,896,888	3,534,503	8,457,339	12,896,373	6,351,663
36	1910.....dollars..	32,990,739	1,843,849	4,046,379	8,453,179	13,015,084	5,632,243
37	1900.....dollars..	26,989,189	1,147,969	3,067,756	5,965,691	11,765,157	5,042,626
38	Land in farms, 1920.....dollars..	14,509,073	1,075,063	1,472,255	4,078,488	5,249,560	2,633,707
39	1910.....dollars..	15,009,981	928,485	1,679,625	3,963,937	6,074,914	2,363,120
40	1900.....dollars..	13,421,770	517,620	1,323,230	3,070,520	6,120,050	2,391,450
41	Farm buildings, 1920.....dollars..	11,878,853	916,720	1,308,255	2,599,183	4,760,812	2,293,883
42	1910.....dollars..	12,622,879	690,025	1,824,580	3,106,722	5,008,055	2,293,497
43	1900.....dollars..	9,703,490	483,180	1,291,170	2,108,660	3,919,790	1,900,690
44	Implements and machinery, 1920.....dollars..	2,408,561	130,497	229,820	570,686	1,001,358	476,200
45	1910.....dollars..	1,781,407	81,321	172,580	513,845	679,561	334,100
46	1900.....dollars..	1,270,270	50,910	153,130	255,700	618,540	221,030
47	Live stock on farms, 1920.....dollars..	4,840,279	274,008	524,173	1,208,982	1,884,643	947,873
48	1910.....dollars..	3,276,472	144,018	369,694	868,675	1,252,554	641,531
49	1900.....dollars..	2,593,659	96,349	300,226	560,761	1,097,777	538,566
50	Average values, 1920:						
51	All property per farm.....dollars..	8,238	11,148	8,201	10,276	7,868	5,515
52	Land and buildings per farm.....dollars..	6,463	9,264	6,451	8,114	6,108	5,054
53	Land alone per acre.....dollars..	43.75	130.50	38.08	95.65	42.74	22.49
FARMS OPERATED BY OWNERS.							
54	Number of farms, 1920.....	3,245	166	343	640	1,247	749
55	1910.....	4,087	175	516	746	1,723	927
56	1900.....	4,182	178	599	724	1,723	958
57	Per cent of all farms, 1920.....	79.5	77.2	79.6	77.8	82.2	76.8
58	Land in farms, 1920.....acres..	248,834	4,864	30,833	29,865	100,402	82,970
59	Improved land in farms, 1920.....acres..	97,719	3,202	10,338	20,657	34,563	28,959
60	Value of land and buildings, 1920.....dollars..	17,941,656	1,114,110	1,675,240	4,135,071	7,825,195	3,142,040
61	Degree of ownership, 1920:						
62	Farmers owning entire farm.....number..	2,971	153	331	513	1,271	703
63	Farmers hiring additional land.....number..	274	13	12	127	76	46
64	Color and nativity of owners, 1920:						
65	Native white owners.....number..	2,521	110	266	498	886	661
66	Foreign-born white owners.....number..	710	55	76	138	360	81
67	Negro and other nonwhite owners.....number..	14	1	1	4	1	7
FARMS OPERATED BY MANAGERS.							
68	Number of farms, 1920.....	205	21	37	44	45	58
69	1910.....	251	30	44	43	71	58
70	1900.....	203	7	26	24	73	78
71	Land in farms, 1920.....acres..	29,792	2,407	6,483	3,636	7,181	10,065
72	Improved land in farms, 1920.....acres..	13,943	1,582	3,092	2,872	2,204	4,138
73	Value of land and buildings, 1920.....dollars..	4,616,373	740,303	831,570	1,213,650	1,054,200	776,650
FARMS OPERATED BY TENANTS.							
74	Number of farms, 1920.....	633	28	51	139	247	168
75	1910.....	954	29	78	209	399	239
76	1900.....	1,108	20	149	192	491	266
77	Per cent of all farms, 1920.....	15.5	13.0	11.8	16.9	15.1	17.2
78	Land in farms, 1920.....acres..	52,874	967	3,494	9,138	15,242	24,033
79	Improved land in farms, 1920.....acres..	21,193	629	1,282	6,265	4,879	8,138
80	Value of land and buildings, 1920.....dollars..	3,829,897	137,370	273,700	1,278,950	1,130,977	1,008,900
81	Form of tenancy, 1920:						
82	Share tenants.....number..	22	1	2	4	10	5
83	Share-cash tenants.....number..						
84	Cash tenants.....number..	609	26	49	134	237	163
85	Unspecified.....number..	2	1		1		
86	Color and nativity of tenants, 1920:						
87	Native white tenants.....number..	449	18	32	69	183	147
88	Foreign-born white tenants.....number..	179	10	19	69	61	20
89	Negro and other nonwhite tenants.....number..	5			1	3	1

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES, 1920; AND LIVE-STOCK PRODUCTS, 1919.

	THE STATE.	Bristol.	Kent.	Newport.	Providence.	Washington.
DOMESTIC ANIMALS: 1920.						
1 Farms reporting domestic animals.....number..	3,704	180	403	788	1,445	888
2 Value of all domestic animals.....dollars..	4,335,833	245,631	470,767	1,082,038	1,721,839	815,558
Horses:						
3 Total number.....	6,540	334	720	1,547	2,446	1,493
4 Colts under 1 year of age.....	129	11	9	24	58	27
5 Colts 1 year old and under 2 years.....	63	7	12	8	13	18
6 Mares 2 years old and over.....	2,042	130	253	595	599	465
7 Geldings 2 years old and over.....	4,189	173	436	918	1,688	976
8 Stallions 2 years old and over.....	117	13	10	4	83	7
9 Total value.....dollars..	972,111	55,672	111,381	246,271	346,624	213,163
Mules:						
10 Total number.....	75	5	4	18	34	14
11 Mule colts under 1 year of age.....	5	1	1	1	3	1
12 Mule colts 1 year old and under 2 years.....	70	5	3	17	31	14
13 Mules 2 years old and over.....	9,037	700	400	2,200	3,892	1,755
14 Total value.....dollars..	11	5	3	3	2	1
Asses and burros:						
15 Total number.....	495	200	135	60	100	100
16 Total value.....dollars..	30,519	1,806	3,580	7,560	11,647	6,426
17 Total value.....dollars..	2,984,096	168,126	314,521	759,377	1,227,932	517,090
Beef cattle—						
18 Total number.....	1,706	101	172	495	655	283
19 Calves under 1 year of age.....	244	15	16	95	68	50
20 Heifers 1 year old and under 2 years.....	164	26	6	54	58	20
21 Cows and heifers 2 years old and over.....	837	56	109	209	385	78
22 Steers 1 year old and under 2 years.....	97	1	2	36	19	39
23 Steers 2 years old and over.....	288	31	89	95	73	73
24 Bulls 1 year old and over.....	76	3	8	12	30	23
25 Total value.....dollars..	165,194	12,885	15,346	50,723	64,886	21,854
Dairy cattle—						
26 Total number.....	28,813	1,205	3,408	7,065	10,992	6,143
27 Calves under 1 year of age.....	3,183	145	408	885	806	849
28 Heifers 1 year old and under 2 years.....	3,483	190	443	844	1,145	871
29 Cows and heifers 2 years old and over.....	21,431	846	2,489	5,188	8,667	4,241
30 Bulls 1 year old and over.....	716	34	68	148	284	182
31 Total value.....dollars..	2,818,902	155,241	299,175	705,654	1,108,696	495,236
Sheep:						
32 Total number.....	2,736	37	152	641	457	1,449
33 Lambs under 1 year of age.....	684	10	55	154	81	384
34 Ewes 1 year old and over.....	1,814	26	91	394	340	963
35 Rams 1 year old and over.....	104	1	6	35	20	42
36 Wethers 1 year old and over.....	134	58	16	58	16	60
37 Total value.....dollars..	37,319	555	1,635	8,732	6,464	10,933
Goats:						
38 Total number.....	116	1	2	13	86	14
39 Total value.....dollars..	1,637	5	20	209	1,213	190
Swine:						
40 Total number.....	12,869	622	1,465	2,730	5,567	2,485
41 Pigs under 6 months old.....	6,833	325	768	1,476	2,711	1,553
42 Sows and gilts for breeding, 6 months old and over.....	1,701	114	161	304	697	425
43 Boars for breeding, 6 months old and over.....	261	32	34	45	85	65
44 All other hogs, 6 months old and over.....	4,074	151	502	905	2,074	442
45 Total value.....dollars..	331,138	20,573	42,610	68,024	136,604	63,327
POULTRY AND BEES: 1920.						
46 Chickens.....number..	253,607	15,290	27,022	62,427	81,077	67,851
47 Other poultry.....number..	12,402	1,141	797	4,483	2,874	3,107
48 Value of all poultry.....dollars..	498,257	28,977	53,326	125,578	100,203	130,085
49 Bees.....number of hives..	686	120	8	289	289	289
50 Total value.....dollars..	6,189	80	80	1,368	2,611	2,230
LIVE-STOCK PRODUCTS: 1919.						
Dairy products:						
51 Milk produced (as reported).....gallons..	10,852,261	428,257	1,096,566	2,926,079	4,638,944	1,762,415
52 Milk sold.....gallons..	9,813,548	363,533	891,248	2,578,928	4,328,198	1,151,591
53 Cream sold.....gallons..	30,022	3,094	4,432	3,916	9,610	9,070
54 Butter fat sold.....pounds..	15,624	100	850	3,421	11,153	11,153
55 Butter made on farms.....pounds..	174,902	7,497	12,883	29,073	48,507	76,942
56 Butter sold.....pounds..	81,150	2,755	5,030	9,785	18,195	45,385
57 Cheese made on farms.....pounds..	10,410	570	198	1,460	7,527	655
58 Value of dairy products.....dollars..	3,830,881	167,742	423,789	939,190	1,818,406	481,754
59 Receipts from sale of dairy products.....dollars..	3,770,628	164,875	419,160	928,287	1,795,999	462,218
60 Average production of milk per dairy cow.....gallons..	550	569	466	587	592	466
Eggs and chickens:						
61 Eggs produced (as reported).....dozens..	1,424,621	75,151	190,527	326,486	442,263	300,094
62 Eggs sold.....dozens..	1,017,488	46,150	136,798	212,356	318,862	203,322
63 Chickens raised (as reported).....number..	352,788	21,163	97,316	56,032	83,371	94,906
64 Chickens sold.....number..	142,632	7,413	16,894	22,787	41,551	63,987
65 Value of chickens and eggs produced.....dollars..	1,348,604	81,862	251,696	272,483	407,271	335,292
66 Receipts from sale of chickens and eggs.....dollars..	803,968	41,727	101,429	155,954	266,678	238,180
Honey and wax:						
67 Honey produced.....pounds..	6,488	17	1,070	2,638	2,780	12
68 Wax produced.....pounds..	57	17	17	28	12	12
69 Value of honey and wax.....dollars..	1,704	283	283	604	727	727
Wool:						
70 Sheep shorn.....number..	2,103	26	109	458	368	1,144
71 Wool produced (as reported).....pounds..	12,751	150	686	3,064	1,965	6,880
72 Value.....dollars..	7,856	94	454	1,782	1,183	4,342

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS NOT ON FARMS OR RANGES: 1920.

1 Inclosures reporting domestic animals.....	4,568	343	666	473	2,553	533
2 Horses, total number.....	6,940	193	593	557	5,203	394
3 Mules, total number.....	68	32	5	15	15	1
4 Asses and burros, total number.....	6	2	1	1	1	2
5 Cattle, total number.....	3,008	235	624	572	1,212	360
6 Dairy cows.....	2,257	184	433	403	970	267
7 Sheep, total number.....	113	26	39	6	15	53
8 Goats, total number.....	258	25	7	4	210	7
9 Swine, total number.....	5,297	416	1,136	439	2,795	511

AGRICULTURE—RHODE ISLAND.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS: 1919.

		THE STATE.	Bristol.	Kent.	Newport.	Providence.	Washington.
VALUE OF ALL CROPS.							
1	Total.....	dollars.. 5,340,378	315,676	503,901	1,280,892	2,210,338	1,020,571
2	Cereals.....	dollars.. 665,745	46,005	44,795	234,554	135,265	205,126
3	Other grains and seeds.....	dollars.. 10,346	149	2,898	1,623	3,374	2,304
4	Hay and forage.....	dollars.. 2,319,136	102,688	248,074	513,727	965,890	488,757
5	Vegetables.....	dollars.. 1,480,326	131,584	153,194	462,448	497,463	235,637
6	Fruits.....	dollars.. 864,489	35,250	54,942	68,540	608,040	97,717
7	All other crops.....	dollars.. 336				306	30
SELECTED CROPS (acres harvested and production).							
Cereals:							
8	Total.....	acres.. 9,168	604	596	3,524	1,531	2,913
9	Corn.....	bushels.. 356,889	24,081	23,322	131,353	60,649	108,484
10	acres.. 7,324	492	527	2,483	1,399	2,423	
11	Oats.....	bushels.. 310,901	21,440	21,911	101,897	67,701	97,952
12	acres.. 1,215	46	31	784	34	320	
13	Wheat.....	bushels.. 34,507	1,278	809	24,116	664	7,640
14	acres.. 106	6	7	68	16	9	
15	Barley.....	bushels.. 2,275	230	89	1,530	202	164
16	acres.. 145			138	2	5	
17	Rye.....	bushels.. 3,154			2,987	15	152
18	acres.. 349	59	27	47	66	150	
19	Buckwheat.....	bushels.. 5,650	1,125	418	787	791	2,529
20	acres.. 29	1	4	4	14	6	
21	Other grains and seeds:	bushels.. 402	8	95	36	216	47
22	Dry edible beans.....	acres.. 69		9	4	33	23
23	bushels.. 863	3	176	64	388	232	
24	Dry peas.....	acres.. 23			18	2	3
25	bushels.. 145		1	86	20	38	
Hay and forage:							
26	Total.....	acres.. 50,490	1,875	5,145	10,825	17,738	14,907
27	tons.. 90,926	4,103	10,906	19,689	38,185	18,043	
28	All tame or cultivated grasses.....	acres.. 39,592	1,380	3,568	8,783	13,820	12,041
29	tons.. 48,127	2,043	4,492	11,294	19,702	10,596	
30	Timothy alone.....	acres.. 9,380	479	623	1,208	4,038	2,322
31	tons.. 12,535	746	981	2,046	6,729	2,063	
32	Timothy and clover mixed.....	acres.. 17,242	658	1,015	5,352	5,490	4,697
33	tons.. 22,005	998	1,281	7,008	8,277	4,441	
34	Clover alone.....	acres.. 303	10	16	131	101	45
35	tons.. 626	18	25	199	210	76	
36	Alfalfa.....	acres.. 110	13	20	32	35	10
37	tons.. 304	52	83	85	112	22	
38	Other tame or cultivated grasses.....	acres.. 12,677	220	1,894	1,940	3,556	4,967
39	tons.. 12,727	231	2,172	1,956	4,374	3,994	
40	Wild, salt, or prairie grasses.....	acres.. 697	8	73	6	297	313
41	tons.. 640	8	84	6	320	222	
42	Small grains cut for hay.....	acres.. 2,959	70	588	240	964	1,097
43	tons.. 4,694	117	804	371	1,944	1,455	
44	Annual legumes cut for hay.....	acres.. 736	5	92	6	462	171
45	tons.. 1,061	6	153	11	659	232	
46	Silage crops.....	acres.. 2,557	180	346	613	1,019	399
47	tons.. 26,341	1,373	4,003	5,689	11,854	3,422	
48	Corn cut for forage.....	acres.. 3,588	203	423	1,041	1,145	776
49	tons.. 8,201	356	1,165	1,586	3,457	1,637	
50	Kafir, sorghum, etc., for forage.....	acres.. 19		1	7	6	5
51	tons.. 22			1	7	8	6
52	Root crops for forage.....	acres.. 342	29	54	129	25	105
53	tons.. 1,840	200	204	725	241	470	
Vegetables:							
54	Potatoes (Irish or white).....	acres.. 3,149	227	396	1,061	757	708
55	bushels.. 293,087	23,241	30,657	120,772	64,619	53,895	
56	Other vegetables.....	acres.. 2,163	209	230	473	1,094	157
FRUITS.							
Small fruits:							
57	Total.....	acres.. 246	13	26	16	140	51
58	quarts.. 339,064	14,826	21,257	30,919	223,897	48,165	
59	Strawberries.....	acres.. 90	7	16	14	34	19
60	quarts.. 116,646	9,255	16,136	28,088	34,844	28,323	
61	Raspberries.....	acres.. 52	4	4	2	33	9
62	quarts.. 47,281	2,832	2,842	2,288	30,293	9,026	
63	Blackberries and dewberries.....	acres.. 7				5	2
64	quarts.. 6,428	235	464	118	4,066	1,545	
65	Cranberries.....	acres.. 82		6		57	19
66	quarts.. 152,582		1,412		145,145	6,025	
67	Currents.....	acres.. 9	2			5	2
68	quarts.. 13,982	2,436	343	330	8,022	2,501	
Orchard fruits:							
69	Total.....	trees not of bearing age.. 107,272	4,265	7,965	8,811	69,863	16,368
70	trees of bearing age.. 250,611	12,086	21,539	18,908	152,854	45,474	
71	bushels harvested.. 874,413	13,601	22,849	27,788	288,900	41,275	
72	Apples.....	trees not of bearing age.. 71,375	2,787	4,308	2,836	52,736	8,708
73	trees of bearing age.. 173,110	4,103	15,414	10,247	108,410	34,936	
74	bushels harvested.. 334,808	11,790	20,422	20,236	243,822	38,038	
75	Peaches.....	trees not of bearing age.. 25,666	832	3,098	4,980	11,863	4,593
76	trees of bearing age.. 61,126	6,800	4,887	6,452	35,703	7,283	
77	bushels harvested.. 23,771	984	1,620	5,301	19,483	1,383	
78	Pears.....	trees not of bearing age.. 7,955	568	354	571	3,812	2,630
79	trees of bearing age.. 13,435	888	922	1,988	7,096	2,541	
80	bushels harvested.. 10,713	787	742	2,166	5,241	1,777	
81	Plums and prunes.....	trees not of bearing age.. 1,347	38	81	235	781	212
82	trees of bearing age.. 1,964	191	185	134	918	536	
83	bushels harvested.. 1,465	26	46	39	282	72	
84	Cherries.....	trees not of bearing age.. 1,188	47	94	189	633	225
85	trees of bearing age.. 1,181	100	181	50	672	178	
86	bushels harvested.. 89	10	19	1	54	5	
87	Grapes.....	vines not of bearing age.. 44,984	639	3,816	230	29,912	10,387
88	vines of bearing age.. 50,933	2,766	4,014	357	37,788	6,008	
89	pounds harvested.. 400,975	52,689	40,114	3,005	277,452	27,716	

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Bristol.	Kent.	Newport.	Providence.	Washington.
MORTGAGE DEBT REPORTS: 1920.						
For all farms operated by owners:						
1 Number free from mortgage debt.....	1,971	72	196	428	761	514
2 Number with mortgage debt.....	949	77	102	152	480	158
3 Number with no mortgage report.....	325	17	45	60	126	77
For farms consisting of owned land only:						
4 Number of farms reporting amount of debt.....	856	66	95	112	425	158
5 Value of land and buildings.....dollars..	4,864,643	449,055	543,500	823,200	2,400,282	648,606
6 Amount of mortgage debt.....dollars..	1,494,367	136,240	174,287	225,504	699,655	258,681
7 Ratio of debt to value.....per cent..	30.7	30.3	32.1	27.4	29.1	39.9
8 Average rate of interest paid.....per cent..	5.8	5.9	5.9	5.5	5.9	5.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.						
Labor:						
9 Farms reporting.....number..	2,296	122	278	435	958	505
10 Total expenditure.....dollars..	2,102,397	141,958	211,311	502,654	919,016	327,458
11 Amount in cash.....dollars..	1,730,402	126,803	188,641	416,721	723,413	274,824
12 Value of rent and board furnished.....dollars..	371,995	15,155	22,670	85,933	195,603	52,634
Fertilizer:						
13 Farms reporting.....number..	2,297	135	292	475	750	645
14 Amount expended.....dollars..	379,786	27,532	32,426	124,042	117,002	78,784
Feed:						
15 Farms reporting.....number..	3,608	194	397	732	1,445	840
16 Amount expended.....dollars..	2,889,450	145,296	340,577	546,188	1,348,177	509,212

MANUFACTURES—RHODE ISLAND.

EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this section give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in com-

parison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except

as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal-revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture. The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured—and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

GENERAL STATISTICS.

General character of the state.—Rhode Island has a gross area of 1,248 square miles, of which 1,067 represent land surface. The inhabitants of the state in 1900 numbered 428,556; in 1910, 542,610; and in 1920, 604,397. In total population Rhode Island ranked thirty-eighth among the states in 1920. The number of inhabitants per square mile in 1910 was 508.5, the corresponding figure for 1920 being 566.4, Rhode Island ranking first in this respect among the states.

In 1920 there were 11 cities in the state—Bristol, Central Falls, Cranston, Cumberland, East Providence, Newport, Pawtucket, Providence, Warwick, West Warwick, and Woonsocket—having more than 10,000 inhabitants. The combined population of these cities in that year was 501,362, forming 83 per cent of the total population for Rhode Island, and in 1919 they reported 82.7 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and the value of products, from 1914 to 1919, as presented in Table 1, are in a great measure due to the changes in industrial conditions brought about by the World War. The increases, however, in average number of wage earners and horsepower are significant of the growth of manufacturing activities in the state. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Providence County, which includes the cities of Central Falls, Cranston, Cumberland, East Providence, Pawtucket, Providence, and Woonsocket, is far the most important, reporting 84.7 per cent of the average number of wage earners in the state and 86.8 per cent of the value of products.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always conclusive as indicating their importance from a manufacturing standpoint. In many instances their ranking would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex for 1919 was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by

age. Figures for individual industries will be found in Table 29.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 600 or more wage earners in 1919 and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—During the census period 1914-1919, all cities show increases in value of products, due largely to the increased value of commodities at the later period. The city of Pawtucket shows a noticeable increase during this five-year period, 46.3 per cent in the average number of wage earners and 222.4 per cent in value of products.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, similar data are given for males and females for all industries combined, and also for the 11 cities in the state having 10,000 or more inhabitants in 1919. There were a number of industries in the state in 1919 in which the number of female wage earners predominated.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in Rhode Island. In that year only 5.2 per cent of the wage earners were reported in the group "48 and under" as against 45.9 per cent in 1919. In 1914, the "60" and "over 60" groups constituted 4.7 per cent of the total wage earners, as compared with four-tenths of 1 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 88.8 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 19 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 11.2 per cent of the total manufacturing establishments in the state, but reported 81 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at "\$100,000 to \$1,000,000" constituted one group, but at the census of 1919 this group was subdivided into "\$100,000 to \$500,000" and "\$500,000 to \$1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in several instances to combine the establishments of one group with those of some other group of the industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of the extent of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 34.6 per cent of the number of establishments in the state in 1919, they reported 90 per cent of the average number of wage earners and 91.2 per cent of the total value of products. During the five-year period 1914-1919, the average number of wage earners in corporations increased 30,833, or 32.5 per cent, and the value of products, \$444,173,534, or 187.2 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments

in the 11 cities in 1919 represented 85.7 per cent of the total in the state. They reported in that year 83.4 per cent of the average number of wage earners and 82.7 per cent of the value of products.

Principal industries in Pawtucket and Providence, with per cent of total for the state (Table 16).—This table includes all industries in these two cities having products of \$500,000 and over for which figures can be shown without disclosing the operations of individual establishments. The textile industry was of exceptional importance in each of these cities in 1919. Of the industries shown in Table 16, the value of the products of textiles in that year formed 61 per cent of the total for all industries in Pawtucket and 28.2 per cent in Providence.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 51,162 horsepower, or 19 per cent. This increase was wholly confined to rented power, which increased 64,743 horsepower, or 187.4 per cent, during the five-year period, while owned power decreased 13,581 horsepower, or 5.8 per cent.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel. Three branches of the textile industry, namely, the cotton-goods and the woolen and worsted goods industries, consumed 35.2 per cent of the bituminous coal and 43.5 per cent of the fuel oils. The largest quantity of anthracite coal, 30.5 per cent of the total shown for the state, was used in the dyeing and finishing of textiles. The cotton-goods industry was the largest consumer of coke, using 27 per cent of the total.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

	MANUFACTURING INDUSTRIES.					PER CENT OF INCREASE. ¹			
	1919	1914	1909	1904	1899	1914-1919	1909-1914	1904-1909	1899-1904
Number of establishments.....	2,466	2,190	1,951	1,617	1,678	12.6	12.3	20.7	-3.6
Persons engaged.....	156,012	124,109	122,041	104,299	(2)	25.7	1.2	17.6	.....
Proprietors and firm members.....	2,124	1,883	1,721	1,561	(2)	12.8	9.4	10.2	.....
Salaried employees.....	14,223	8,801	7,382	5,420	4,022	61.6	19.2	36.2	34.8
Wage earners (average number).....	139,665	113,425	113,538	97,318	88,197	23.1	-0.1	16.7	10.3
Primary horsepower.....	321,016	269,854	226,740	182,608	153,619	19.0	19.0	24.2	18.9
Capital.....	\$594,337,448	\$308,444,563	\$290,901,270	\$215,901,375	\$176,901,606	92.7	6.0	34.7	22.0
Salaries and wages.....	168,509,358	72,621,981	65,810,914	50,153,315	41,295,677	132.0	10.3	31.2	21.4
Salaries.....	31,013,981	13,235,689	10,576,846	7,040,678	5,300,576	134.0	25.3	50.2	32.8
Wages.....	137,495,377	59,386,292	55,234,068	43,112,637	35,995,101	131.6	7.5	28.1	19.8
Paid for contract work.....	4,181,783	1,138,483	1,200,749	931,751	(2)	267.3	-5.2	28.9	.....
Rent and taxes.....	37,479,551	4,343,851	2,874,582	2,209,517	(2)	762.8	51.1	.....	.....
Cost of materials.....	415,989,203	162,425,210	158,191,574	112,572,261	87,951,780	156.1	2.7	40.2	28.3
Value of products.....	747,322,858	279,545,873	280,348,797	202,109,583	165,550,382	167.3	-0.3	38.7	22.1
Value added by manufacture ¹	331,333,655	117,120,654	122,152,223	89,237,322	77,598,602	182.9	-4.1	36.9	15.0

¹ A minus sign (-) denotes decrease.² Figures not available.³ Exclusive of internal revenue.⁴ Value of products less cost of materials.

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

COUNTY.	Number of establishments.	WAGE EARNERS.		Rent and taxes.	Cost of materials.	Value of products.	Value added by manufacture.	Primary horse-power.
		Average number.	Wages.					
The state.....	2,466	139,665	\$137,495,377	\$37,479,551	\$415,989,203	\$747,322,858	\$331,333,655	321,016
Bristol.....	74	7,600	6,315,695	701,471	17,342,515	32,197,722	14,855,207	16,624
Kent.....	101	8,555	8,222,193	1,795,473	23,950,676	42,122,980	18,172,304	33,005
Newport.....	133	1,706	1,667,172	368,429	3,546,476	7,543,646	3,997,170	5,588
Providence.....	2,043	118,268	117,932,945	34,005,128	361,449,969	648,615,516	287,165,547	254,625
Washington.....	115	3,536	3,357,369	609,050	9,699,567	16,842,994	7,143,427	11,174

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.			Average number.	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.	Amount (expressed in thousands).	Per cent distribution.
All industries.....	2,466	139,665	100.0	\$747,323	100.0	\$331,334	100.0	Suspenders, garters, and elastic woven goods.....	10	802	0.6	\$4,261	0.6	\$1,692	0.5
Cotton goods.....	74	31,405	22.5	155,488	20.8	67,205	20.3	Cotton lace.....	10	941	0.7	4,110	0.5	2,238	0.7
Worsted goods.....	62	21,249	15.2	153,081	20.5	49,948	15.1	Printing and publishing, newspapers and periodicals.....	36	602	0.4	3,772	0.5	2,816	0.8
Jewelry.....	288	10,579	7.6	48,596	6.5	21,620	6.5	Gold and silver, reducing and refining, not from the ore.....	17	60	(¹)	3,409	0.5	375	0.1
Dyeing and finishing textiles, exclusive of that done in textile mills.	67	9,319	6.7	42,258	5.7	21,331	6.4	Printing and publishing, book and job.....	105	944	0.7	3,233	0.4	2,048	0.6
Silk goods.....	30	4,150	3.0	27,219	3.6	10,404	3.1	Brass and bronze products.....	18	426	0.3	2,076	0.4	1,123	0.3
Machine tools.....	13	7,169	5.1	22,301	3.0	18,607	5.6	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	7	920	0.7	2,968	0.4	1,851	0.6
Woolen goods.....	26	3,144	2.3	22,231	3.0	8,449	2.5	Oleomargarine and other butter substitutes.....	4	110	0.1	2,046	0.4	471	0.1
Cotton small wares.....	48	3,990	2.8	17,824	2.4	7,832	2.4	Confectionery and ice cream.....	87	202	0.2	2,368	0.3	908	0.3
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	6	2,117	1.5	15,887	2.1	8,288	2.5	Soap.....	8	117	0.1	1,944	0.3	638	0.2
Foundry and machine-shop products.....	81	4,143	3.0	15,693	2.1	10,838	3.3	Sausage, not made in slaughtering and meat-packing establishments.....	15	68	(¹)	1,871	0.3	245	0.1
Textile machinery and parts.....	60	3,776	2.7	14,842	2.0	9,168	2.8	Lumber, planing-mill products, not including planing mills connected with sawmills.....	27	388	0.3	1,712	0.2	891	0.3
Knit goods.....	26	1,983	1.4	11,936	1.6	4,547	1.4	Paper goods, not elsewhere specified.....	6	263	0.2	1,664	0.2	808	0.2
Bread and other bakery products.....	248	1,166	0.8	9,383	1.3	3,745	1.1	Tools, not elsewhere specified.....	37	521	0.4	1,509	0.2	1,122	0.3
Electrical machinery, apparatus, and supplies.....	13	1,513	1.1	7,567	1.0	4,440	1.3	All other industries.....	998	24,152	17.3	119,726	16.0	55,712	16.9
Silversmithing and silverware.....	8	1,934	1.4	6,830	0.9	3,767	1.1								
Slaughtering and meat packing.....	22	264	0.2	6,807	0.9	839	0.3								
Liquors, malt.....	5	398	0.3	5,933	0.8	4,913	1.5								
Gas, illuminating and heating.....	4	670	0.5	4,478	0.6	2,405	0.7								

¹ Less than one-tenth of 1 per cent.

² Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 10 having products in excess of some for which figures are shown in the table. These industries are the following: "Baking powders and yeast"; "boots and shoes, rubber"; "files"; "iron and steel, steel works and rolling mills"; "oil and cake, cottonseed"; "screws, wood"; "shipbuilding, steel, new vessels and repair work"; "upholstering materials, imitation leather and leatheroid"; "washing machines and clothes wringers"; and "wire."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.		CLASS.	Census year.	Total.	Male.	Female.	PER CENT OF TOTAL.	
					Male.	Female.						Male.	Female.
All classes.....	1919	156,012	101,289	54,723	64.9	35.1	Clerks and other subordinate salaried employees.....	1919	9,749	5,243	4,506	53.8	46.2
	1914	124,109	83,539	40,570	67.3	32.7		1914	6,281	4,143	2,138	66.0	34.0
	1909	122,641	81,843	40,798	66.7	33.3		1909	4,994	3,337	1,657	66.8	33.2
Proprietors and officials.....	1919	6,598	6,312	286	95.7	4.3	Wage earners (average number)...	1919	139,665	89,794	49,931	64.2	35.8
	1914	4,403	4,267	136	96.9	3.1		1914	113,425	75,120	38,296	66.2	33.8
	1909	4,109	3,957	152	96.3	3.7		1909	113,538	74,549	38,989	65.7	34.3
Proprietors and firm members..	1919	2,124	2,028	96	95.5	4.5	16 years of age and over.....	1919	123,789	87,023	46,766	65.0	35.0
	1914	1,883	1,780	103	94.5	5.5		1914	109,242	73,217	36,025	67.0	33.0
	1909	1,721	1,606	115	93.3	6.7		1909	108,913	72,239	36,674	66.3	33.7
Salaried officers of corporations..	1919	1,386	1,333	53	96.2	3.8	Under 16 years of age.....	1919	5,876	2,711	3,165	46.1	53.9
	1914	947	925	22	97.7	2.3		1914	4,183	1,912	2,271	45.7	54.3
	1909	907	885	22	97.6	2.4		1909	4,625	2,310	2,315	49.9	50.1
Superintendents and managers..	1919	3,088	2,951	137	95.6	4.4							
	1914	1,573	1,562	11	99.3	0.7							
	1909	1,481	1,466	15	99.0	1.0							

MANUFACTURES—RHODE ISLAND.

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

INDUSTRY.	Cen- sus year.	Wage earners (aver- age num- ber).	PER CENT OF TOTAL.			INDUSTRY.	Cen- sus year.	Wage earners (aver- age num- ber).	PER CENT OF TOTAL.		
			16 years of age and over.		Un- der 16 years of age.				16 years of age and over.		Un- der 16 years of age.
			Male.	Fe- male.					Male.	Fe- male.	
All industries.....	1919	139,665	62.3	33.5	4.2	Jewelry.....	1919	10,579	54.1	41.1	4.8
	1914	113,425	64.6	31.8	3.7		1914	8,778	67.2	31.2	1.7
	1909	113,538	63.6	32.3	4.1	Knit goods.....	1919	1,983	23.8	60.6	6.6
Bread and other bakery products.....	1919	1,166	90.0	9.3	0.8		1914	2,030	18.9	75.4	5.7
	1914	1,112	93.1	6.4	0.5	Printing and publishing, book and job.....	1919	944	64.8	31.6	3.6
Cotton goods.....	1919	31,405	52.6	41.6	5.9		1914	930	70.2	23.2	1.6
	1914	25,257	52.5	41.7	5.8	Printing and publishing, newspapers and periodicals.....	1919	602	89.4	9.3	1.3
Cotton lace.....	1919	941	49.3	40.7	10.0		1914	529	90.5	8.1	1.3
	1914	1,357	46.2	48.0	5.8	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	1919	2,117	57.4	37.1	5.5
Cotton small wares.....	1919	3,990	36.2	57.2	6.6		1914	1,541	75.5	23.1	1.3
	1914	2,869	42.8	53.4	3.8	Silk goods.....	1919	4,150	43.3	51.3	5.4
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1919	9,319	77.8	20.2	2.1		1914	2,325	40.1	56.1	3.8
	1914	7,928	79.6	18.2	2.3	Silversmithing and silverware ¹	1919	1,934	87.3	11.0	1.7
Electrical machinery, apparatus, and sup- plies.....	1919	1,513	46.2	52.9	0.9		1914	892	37.2	54.9	7.8
	1914	1,581	67.4	31.0	1.6	Suspenders, garters, and elastic woven goods.....	1919	621	45.4	49.8	4.8
Foundry and machine-shop products ¹	1919	15,106	92.3	6.9	0.8	Woolen and worsted goods.....	1919	24,393	49.3	44.5	6.2
	1914	9,819	98.0	1.4	0.7		1914	22,745	49.8	43.5	6.7
Gas, illuminating and heating.....	1919	670	90.4	0.3	0.3	All other industries.....	1919	27,041	73.0	24.6	2.4
	1914	605	92.9	7.1	0.3		1914	22,753	78.1	20.6	1.3
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	1919	920	92.8	2.6	4.6						
	1914	645	96.1	0.2	3.7						

¹ Includes "iron and steel tempering, welding, etc."; "machine tools"; and "textile machinery and parts."² Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

CITY.	AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES.											VALUE OF PRODUCTS.			
	Total.			16 years of age and over.						Under 16 years of age.					
				Male.			Female.								
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
Bristol.....	5,097			2,939			1,917			241			\$17,841,557		
Central Falls.....	3,922	3,077	2,475	2,112	1,543	1,072	1,700	1,348	1,252	110	186	151	22,628,477	\$9,748,296	\$5,470,939
Cranston.....	2,657	2,218	1,711	2,189	2,024	1,509	408	171	188	60	23	14	13,693,723	6,706,138	5,624,714
Cumberland.....	2,918	2,958	5,359	1,586	1,618	3,108	1,139	1,130	1,962	193	210	289	15,999,225	15,966,280	9,826,720
East Providence.....	2,288	1,906	2,041	1,910	1,677	1,651	354	200	331	24	29	59	17,591,394	7,000,109	7,145,977
Newport.....	1,032	893	726	829	779	669	199	105	57	4	9		4,166,696	2,298,576	1,378,927
Pawtucket.....	24,446	16,713	15,275	13,746	9,500	8,724	9,513	6,393	5,641	1,187	820	910	135,517,533	42,028,728	37,696,186
Providence.....	53,372	44,176	46,381	34,619	31,002	31,166	16,880	12,073	13,748	1,873	1,101	1,467	267,629,283	115,335,131	120,240,584
Warwick ²	1,370	932	6,471	925	749	4,135	397	164	2,077	57	19	259	7,044,984	1,577,558	10,588,943
West Warwick ³	4,919	5,507		2,863	3,384		1,769	1,872		287	251		22,163,799	10,078,639	
Woonsocket.....	14,387	10,952	10,703	8,592	6,098	6,293	5,131	4,358	3,364	664	496	546	93,546,778	28,115,187	28,218,515

¹ Figures do not agree with those published because it was necessary to revise them in order to include data only for those establishments located within the corporate limits of the city.² Totals for Warwick as published at the census of 1914 included those for West Warwick.³ In 1914 the totals for West Warwick were not shown separately, but were included with those for Warwick.

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.			MONTH.	NUMBER. ¹			PER CENT OF MAXIMUM.		
	1919	1914	1909	1919	1914	1909		1919	1914	1909	1919	1914	1909
January.....	131,724	116,501	108,775	86.6	99.8	91.3	July.....	142,223	111,600	111,571	93.5	95.6	93.6
February.....	126,903	115,597	109,615	83.5	99.9	92.0	August.....	143,452	110,936	112,835	94.4	95.1	94.7
March.....	128,044	116,886	111,924	84.2	100.0	93.9	September.....	145,556	112,035	116,116	95.7	96.0	97.4
April.....	133,559	116,349	111,320	87.8	99.7	93.4	October.....	147,108	112,300	118,007	96.8	96.2	99.0
May.....	136,656	116,661	111,952	89.9	99.1	93.9	November.....	150,175	110,056	119,104	98.8	94.3	99.9
June.....	138,544	114,119	112,065	91.1	97.8	94.0	December.....	152,038	108,261	119,191	100.0	92.8	100.0

¹ The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by bold-faced figures, minimum by italic figures.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY AND CITY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	139,665	131,724	126,903	128,044	133,559	136,656	138,544	142,223	143,452	145,556	147,108	150,175	152,036	83.5
Males.....	89,734	85,387	81,889	82,673	85,772	87,616	88,960	91,080	92,074	93,318	94,266	96,368	97,395	84.1
Females.....	49,931	46,337	45,004	45,371	47,787	49,040	49,584	51,143	51,378	52,238	52,842	53,807	54,641	82.4
Bread and other bakery products.....	1,166	1,134	1,137	1,126	1,148	1,177	1,207	1,204	1,199	1,179	1,151	1,156	1,175	93.2
Cotton goods.....	31,405	30,379	30,378	30,957	30,897	31,043	31,037	31,871	31,940	32,093	31,769	32,159	32,337	93.9
Cotton lace.....	941	802	814	801	874	836	941	877	1,000	1,000	1,051	1,072	1,124	71.3
Cotton small wares.....	3,900	4,115	3,875	3,882	3,637	3,651	3,836	4,004	3,960	4,100	4,180	4,274	4,366	83.3
Dyeing and finishing textiles, exclusive of that done in textile mills.....	9,319	9,138	8,680	8,214	8,429	8,825	9,149	9,352	9,673	9,885	9,898	10,145	10,440	78.7
Electrical machinery, apparatus, and supplies.....	1,513	1,695	1,688	1,652	1,567	1,496	1,424	1,348	1,361	1,392	1,452	1,513	1,568	79.5
Foundry and machine-shop products.....	4,143	4,772	4,452	4,112	3,920	3,769	3,802	3,927	3,911	3,994	4,201	4,397	4,469	79.0
Gas, illuminating and heating.....	670	1,001	948	844	766	624	558	545	608	542	555	563	586	50.7
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	920	1,006	908	951	849	832	816	847	880	895	954	997	1,045	78.1
Jewelry.....	10,579	8,899	9,412	9,820	10,150	10,507	10,538	10,837	10,854	11,166	11,499	11,607	11,629	76.5
Knit goods.....	1,983	1,945	1,871	1,835	1,857	1,920	1,960	2,024	2,033	2,069	2,053	2,091	2,138	85.8
Machine tools.....	7,169	7,379	6,552	6,444	6,548	6,716	6,984	7,194	7,138	7,354	7,828	7,990	8,092	78.5
Printing and publishing, book and job.....	944	899	901	920	912	907	924	927	910	938	977	1,014	1,099	81.8
Printing and publishing, newspapers and periodicals.....	602	570	564	574	583	603	605	610	610	625	625	632	623	89.2
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	2,117	2,685	2,123	2,005	2,008	2,028	1,996	2,054	2,121	2,005	2,093	2,165	2,221	71.7
Silk goods.....	4,150	4,046	4,038	4,074	4,008	4,171	4,199	4,238	4,099	4,221	3,998	4,288	4,330	92.3
Silversmithing and silverware.....	1,934	2,511	2,137	2,156	2,008	2,047	1,839	1,760	1,739	1,760	1,747	1,728	1,776	68.8
Suspenders, garters, and elastic woven goods.....	892	814	808	784	842	851	881	936	957	918	960	968	985	79.6
Textile machinery and parts.....	3,776	3,695	3,528	3,384	3,316	3,403	3,536	3,867	3,953	4,032	4,195	4,236	4,167	78.3
Woolen goods.....	3,144	2,156	1,848	2,190	3,078	3,441	3,394	3,534	3,530	3,468	3,629	3,675	3,785	48.8
Worsted goods.....	21,249	16,178	13,679	14,995	19,666	21,502	22,499	23,670	23,989	24,340	24,107	24,942	25,221	55.4
All other industries.....	27,059	25,905	26,402	26,325	26,506	26,307	26,459	26,497	27,087	27,580	28,216	28,554	28,870	89.7
Industries showing large proportion of females.....														
Cotton goods.....	13,959	13,660	13,695	13,672	13,690	13,688	13,657	14,118	14,230	14,194	14,815	14,268	14,431	94.2
Cotton lace.....	449	373	374	369	428	403	452	468	481	483	514	523	530	67.7
Cotton small wares.....	2,469	2,526	2,379	2,352	2,332	2,288	2,399	2,501	2,459	2,539	2,576	2,640	2,697	82.9
Dyeing and finishing textiles, exclusive of that done in textile mills.....	1,947	1,880	1,814	1,710	1,732	1,842	1,893	1,979	2,009	2,001	2,091	2,155	2,198	77.8
Electrical machinery, apparatus, and supplies.....	806	905	889	866	917	783	754	686	700	778	759	808	827	74.8
Jewelry.....	4,608	3,812	4,145	4,380	4,503	4,650	4,610	4,703	4,661	4,823	5,020	5,009	4,980	75.9
Knit goods.....	1,490	1,455	1,408	1,374	1,390	1,441	1,473	1,522	1,522	1,560	1,562	1,574	1,609	85.4
Machine tools.....	664	827	729	682	644	632	628	626	609	609	647	664	671	73.6
Printing and publishing, book and job.....	306	293	284	297	299	298	299	297	287	290	322	331	375	75.7
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	877	1,296	951	818	824	789	753	844	852	768	827	891	911	58.1
Silk goods.....	2,291	2,192	2,232	2,252	2,259	2,344	2,357	2,346	2,281	2,300	2,176	2,348	2,405	90.5
Silversmithing and silverware.....	219	137	170	187	240	245	232	226	228	237	243	233	250	54.8
Suspenders, garters, and elastic woven goods.....	534	512	510	478	502	504	517	533	549	542	569	597	595	80.1
Textile machinery and parts.....	285	354	299	279	267	272	269	275	277	278	288	295	267	75.4
Woolen goods.....	753	457	387	466	770	828	802	887	896	836	914	863	930	41.6
Worsted goods.....	10,976	8,322	7,309	7,790	9,919	11,002	11,461	12,148	12,222	12,691	12,591	13,084	13,223	55.3
Total for cities.....	116,417	110,471	106,491	107,640	111,697	113,807	115,391	118,332	119,215	120,911	122,016	124,693	126,340	81.3
Males.....	74,439	71,337	68,478	69,242	71,495	72,673	73,687	75,345	75,993	77,119	77,769	79,594	80,541	85.0
Females.....	41,978	39,134	38,018	38,398	40,202	41,134	41,704	42,987	43,222	43,792	44,247	45,099	45,799	83.0
BRISTOL.....	5,097	5,039	5,270	5,225	5,306	5,130	5,044	4,961	4,842	4,902	4,982	5,060	5,243	98.1
Males.....	3,058	3,046	3,128	3,111	3,193	3,072	3,032	2,962	2,911	2,950	2,997	3,082	3,212	90.6
Females.....	2,039	1,993	2,142	2,114	2,113	2,058	2,012	1,999	2,031	2,012	1,985	1,978	2,031	92.3
CENTRAL FALLS.....	3,922	3,927	3,996	3,934	3,898	3,882	3,783	3,795	3,842	3,949	3,998	4,000	4,060	93.2
Males.....	2,157	2,199	2,229	2,197	2,158	2,130	2,084	2,079	2,124	2,163	2,185	2,188	2,198	91.3
Females.....	1,765	1,728	1,767	1,737	1,740	1,752	1,749	1,716	1,718	1,786	1,813	1,812	1,862	92.2
CRANSTON.....	2,657	2,662	2,608	2,539	2,553	2,587	2,634	2,593	2,616	2,738	2,789	2,816	2,814	90.0
Males.....	2,209	2,212	2,189	2,145	2,137	2,149	2,169	2,085	2,160	2,283	2,318	2,319	2,312	89.9
Females.....	448	450	419	394	416	438	465	448	456	450	471	497	502	78.5
CUMBERLAND.....	2,918	2,822	2,813	2,822	2,861	2,889	2,907	2,951	2,910	2,940	3,021	3,019	3,061	91.9
Males.....	1,676	1,612	1,607	1,604	1,623	1,639	1,645	1,675	1,680	1,690	1,759	1,773	1,805	88.9
Females.....	1,242	1,210	1,206	1,218	1,238	1,250	1,262	1,276	1,230	1,250	1,262	1,246	1,256	94.5
EAST PROVIDENCE.....	2,288	2,216	2,188	2,186	2,138	2,151	2,173	2,272	2,315	2,418	2,373	2,460	2,566	83.3
Males.....	1,923	1,893	1,878	1,878	1,847	1,816	1,829	1,896	1,948	2,022	1,969	2,019	2,082	87.2
Females.....	365	323	310	308	301	335	344	376	367	396	404	441	484	60.1
NEWPORT.....	1,032	923	1,014	1,023	1,187	1,208	1,152	984	926	898	976	1,084	1,014	73.9
Males.....	833	731	823	814	946	922	947	825	777	758	808	828	747	73.7
Females.....	199	192	191	209	241	216	205	159	149	155	168	256	267	50.6
PAWTUCKET.....	24,446	23,953	22,979	23,334	23,105	23,239	23,396	24,766	25,122	25,584	25,345	26,094	26,445	86.0
Males.....	14,304	14,200	13,479	13,790	13,692	13,716	13,733	14,424	14,653	14,937	14,621	15,158	15,245	88.4
Females.....	10,142	9,753	9,500	9,544	9,413	9,523	9,663	10,342	10,469	10,647	10,724	10,936	11,200	84.0
PROVIDENCE.....	53,373	49,574</												

MANUFACTURES—RHODE ISLAND.

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Census year.	Total.	IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
			44 and under.	Between 44 and 48.	48. ¹	Between 48 and 54.	54.	Between 54 and 60.	60.	Over 60.
All industries.....	1919	139,665	1,794	665	61,605	30,347	37,901	6,846	406	101
	1914	113,425	(²)	(²)	5,871	3,520	72,681	26,013	4,975	365
	1909	113,538	(²)	(²)	2,672	1,484	7,001	92,597	9,388	396
Bread and other bakery products.....	1919	1,166	4	.....	809	24	201	28	83	17
	1914	1,112	(²)	(²)	132	20	492	106	366	26
Cotton goods.....	1919	31,405	3	.....	9,273	446	21,677	6	.....	.....
	1914	25,257	.....	.....	.....	332	24,424	493	8	.....
Cotton lace.....	1919	941	64	.....	189	331	279	78	.....	.....
	1914	1,357	.....	.....	.....	742	615	.....	.....	.....
Cotton small wares.....	1919	3,990	.....	.....	1,024	227	2,675	13	51	.....
	1914	2,869	.....	.....	.....	3	2,082	784	.....	.....
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	9,319	.....	3	2,850	717	4,325	1,424	.....	.....
	1914	7,928	(²)	(²)	3	832	5,892	972	259	.....
Electrical machinery, apparatus, and supplies.....	1919	1,513	144	.....	14	1,154	82	119	.....	.....
	1914	1,581	.....	.....	.....	34	417	595	535	.....
Foundry and machine-shop products ³	1919	15,106	282	73	621	12,671	559	900	.....	.....
	1914	9,819	(²)	(²)	630	155	1,241	7,570	223	.....
Gas, illuminating and heating.....	1919	670	.....	.....	.....	7	504	159	.....	.....
	1914	605	(²)	(²)	64	.....	.....	47	492	2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	920	.....	.....	.....	822	19	79	.....	.....
	1914	645	(²)	(²)	340	.....	.....	305	.....	.....
Jewelry.....	1919	10,579	42	168	6,051	3,319	380	610	9	.....
	1914	8,778	(²)	(²)	832	520	3,280	3,786	360	20
Knit goods.....	1919	1,983	.....	.....	1,235	34	714	.....	.....	.....
	1914	2,030	(²)	(²)	305	10	1,519	196	.....	.....
Printing and publishing, book and job.....	1919	944	12	5	804	114	6	3	.....	.....
	1914	930	(²)	(²)	686	157	69	17	1	.....
Printing and publishing, newspapers and periodicals.....	1919	602	13	214	365	8	.....	2	.....	.....
	1914	529	(²)	(²)	445	17	47	.....	20	.....
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	1919	2,117	.....	.....	752	1,279	86	.....	.....	.....
	1914	1,541	.....	.....	.....	.....	744	756	41	.....
Silk goods.....	1919	4,150	.....	.....	2,794	379	977	.....	.....	.....
	1914	2,325	.....	.....	.....	.....	2,247	78	.....	.....
Silversmithing and silverware ⁴	1919	1,934	13	.....	49	1,863	.....	4	.....	.....
Suspenders, garters, and elastic woven goods.....	1919	892	.....	.....	645	10	237	.....	.....	.....
	1914	621	.....	.....	.....	.....	357	184	80	.....
Woolen and worsted goods.....	1919	24,393	.....	.....	21,062	527	2,527	277	.....	.....
	1914	22,745	.....	.....	.....	.....	18,147	3,993	605	.....
All other industries.....	1919	27,041	1,217	202	13,068	6,410	2,653	3,144	263	84
	1914	22,753	(²)	(²)	2,434	1,440	11,061	5,516	1,985	317
Total for cities.....	1919	116,417	1,680	663	52,443	28,453	26,531	6,206	357	84
	1914	89,332	(²)	(²)	5,381	2,600	54,914	22,392	3,698	347
BRISTOL.....	1919	5,097	23	.....	5,054	8	7	1	.....	4
CENTRAL FALLS.....	1919	3,922	74	.....	2,383	1,026	375	57	7	.....
	1914	3,077	(²)	(²)	53	13	2,208	761	42	.....
CRANSTON.....	1919	2,657	172	6	295	710	813	661	.....	.....
	1914	2,218	(²)	(²)	371	.....	262	1,520	65	.....
CUMBERLAND.....	1919	2,918	.....	.....	2,304	490	66	58	.....	.....
	1914	2,958	(²)	(²)	13	113	2,518	68	246	.....
EAST PROVIDENCE.....	1919	2,288	29	7	114	217	1,603	295	23	.....
	1914	1,906	(²)	(²)	218	6	688	32	962	.....
NEWPORT.....	1919	1,032	81	4	679	175	33	49	.....	11
	1914	893	(²)	(²)	162	37	581	52	38	23
PAWTUCKET.....	1919	24,446	108	41	7,009	3,828	11,646	1,671	143	.....
	1914	16,713	(²)	(²)	1,087	450	11,534	2,930	709	3
PROVIDENCE.....	1919	53,372	1,008	519	22,743	20,472	5,404	2,980	183	63
	1914	44,176	(²)	(²)	3,005	1,835	23,019	14,589	1,308	320
WARWICK.....	1919	1,379	2	.....	399	65	712	201	.....	.....
	1914	932	(²)	(²)	1	.....	696	62	173	.....
WEST WARWICK.....	1919	4,919	.....	.....	1,474	19	3,331	89	.....	6
	1914	5,507	(²)	(²)	25	11	5,139	268	63	1
WOONSOCKET.....	1919	14,387	183	86	9,989	1,443	2,541	144	1	.....
	1914	10,952	(²)	(²)	446	35	8,269	2,110	92	.....

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Includes "iron and steel, tempering, welding, etc."; "machine tools"; and "textile machinery and parts."⁴ Not shown separately in 1914.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
	Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.	
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All industries.....	2,466	139,665	279	1,039	2,308	496	5,590	229	7,540	155	11,144	150	24,184	74	25,314	32	22,524	21	41,061	
Bread and other bakery products.....	248	1,166	37	102	322	40	402	5	159	4	283	17	3,141	23	8,207	8	6,182	7	13,282	
Cotton goods.....	74	31,405	3	10	8	83	2	77	0	423	4	283	4	592	4	1,432	1	995		
Cotton lace.....	10	941	1	2	1	12			4	283	7	221	7	487	4					
Cotton small wares.....	48	3,990	6	20	19	243	7	221	7	487	4									
Dyeing and finishing textiles, exclusive of that done in textile mills.....	67	9,319	6	14	16	209	10	307	11	816	14	2,206	6	2,012	3	2,019	1	1,736		
Electrical machinery, apparatus, and supplies.....	13	1,513	4	16	1	14	2	52	2	179	1	138	3	1,114						
Foundry and machine-shop products.....	81	4,143	9	29	59	14	153	14	476	5	309	7	1,364	1		3	1,777			
Gas, illuminating and heating.....	4	670			1	7	1	37			1	122			1	504				
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	7	920			1	19	1	22	1	57	3	456	1	366						
Jewelry.....	288	10,579	10	66	205	95	1,172	58	1,973	38	2,709	17	2,405	3	928			1	1,097	
Knit goods.....	26	1,983	3	9	7	79	4	150	3	229	9	1,510						1	8,033	
Machine tools.....	13	7,169	3	7	2	28	2	82	4	317	1									
Printing and publishing, book and job.....	105	944	24	59	137	10	126	8	214	3	264	1	203							
Printing and publishing, newspapers and periodicals.....	36	602	9	12	21	8	82	4	145	2	140	1	214							
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	6	2,117						1	44	1	85	2	335			1	565	1	1,088	
Silk goods.....	30	4,150	4	8	4	55	8	259	4	231	5	841	3	1,014	2	1,742				
Silversmithing and silverware.....	8	1,934	1	4	4	47	2	70										1	1,813	
Suspenders, garters, and elastic woven goods.....	10	892	5	14	25	249	8	220	9	606	4	794	2	256	3	944	2	1,475		
Textile machinery and parts.....	60	3,776	8	26	3	24	4	152	6	534	11	1,721	2	713						
Woolen goods.....	26	3,144			1	3	61	4	150	6	475	19	3,150	17	5,677	7	4,665	5	7,080	
Worsted goods.....	62	21,249	1	1	3	24	4	150	6	475	19	3,150	17	5,677	7	4,665	5	7,080		
All other industries.....	1,244	27,059	187	657	1,433	234	2,530	84	2,730	38	2,633	28	8,996	9	2,907	3	1,898	4	8,932	
Total for cities.....	2,113	116,417	231	896	2,013	454	5,138	216	7,154	128	9,107	116	18,554	59	20,153	25	17,757	18	36,541	
BRISTOL.....	28	5,097	6	15	28	4	31					1	180	1	450			1	4,390	
CENTRAL FALLS.....	67	3,922	6	16	37	20	217	10	382	5	357	6	955	3	961			1	1,013	
CRANSTON.....	55	2,657	9	20	43	6	60	6	191	6	464	5	882	2	523	1	514			
CUMBERLAND.....	26	2,918	1	8	13	4	55	4	146	2	119	2	394	4	1,454	1	737			
EAST PROVIDENCE.....	37	2,288	5	16	33	3	33	6	204	1	64	2	213	2	550	2	1,186			
NEWPORT.....	87	1,032	7	59	128	16	151	3	100			1	161	1	492					
PAWTUCKET.....	284	24,446	25	112	267	55	622	26	821	23	1,553	26	4,114	7	2,467	6	4,507	4	10,065	
PROVIDENCE.....	1,274	53,372	151	513	1,231	300	3,431	141	4,600	75	5,394	57	8,898	21	7,204	6	4,284	10	18,350	
WARWICK.....	26	1,379	4	9	10	5	54	2	68	2	150	2	433	2	666					
WEST WARWICK.....	39	4,919	3	14	31	6	58	3	97	3	206	4	664	3	949	2	1,796	1	1,118	
WOONSOCKET.....	190	14,387	14	84	192	35	426	15	547	11	800	10	1,675	13	4,423	7	4,753	1	1,566	

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1919	1914	1909	1919	1914	1909	1919	1914	1909	1919	1914	1909
All classes.....	2,466	2,190	1,951	139,665	113,425	113,538	\$747,322,858	\$279,545,873	\$280,343,797	\$331,333,655	\$117,120,654	\$122,152,223
Less than \$5,000.....	511	657	477	356	813	707	1,403,077	1,637,079	1,166,084	915,188	1,119,737	705,432
\$5,000 to \$20,000.....	680	645	579	2,001	3,310	3,244	7,412,005	6,514,767	5,891,800	4,192,031	3,910,731	3,510,241
\$20,000 to \$100,000.....	616	467	459	7,162	10,180	10,742	28,541,424	22,084,011	21,304,255	15,019,602	11,625,273	11,231,441
\$100,000 to \$500,000.....	371	278		19,728	47,865	49,719	86,575,489	63,295,031	116,696,453	42,425,486	48,382,007	52,043,520
\$500,000 to \$1,000,000.....	105	71	367	14,467			74,244,070	49,684,288		32,514,954		
\$1,000,000 and over.....	183	72	69	95,951	51,257	49,126	549,146,793	136,350,699	135,285,205	236,266,894	52,082,906	54,571,589
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	20.7	30.0	24.4	0.3	0.7	0.6	0.2	0.6	0.4	0.3	1.0	0.7
\$5,000 to \$20,000.....	27.6	29.5	29.7	1.4	2.9	2.9	1.0	2.3	2.1	1.3	3.3	2.9
\$20,000 to \$100,000.....	25.0	21.3	23.5	5.1	9.0	9.5	3.8	7.9	7.6	4.5	9.9	9.2
\$100,000 to \$500,000.....	15.0	12.7		14.1	42.2	43.8	11.6	22.6	41.6	12.8	41.3	42.6
\$500,000 to \$1,000,000.....	4.3	3.2	18.8	10.4			9.9	17.8		9.8		
\$1,000,000 and over.....	7.4	3.8	3.5	68.7	45.2	43.3	73.5	48.8	48.3	71.3	44.5	44.7

MANUFACTURES—RHODE ISLAND.

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.				
	1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		1919	1914	Per cent distribution.		
			1919	1914			1919	1914			1919	1914			1919	1914	
BREAD AND OTHER BAKERY PRODUCTS.....	248	204	100.0	100.0	1,166	1,112	100.0	100.0	\$9,883,391	\$4,016,959	100.0	100.0	\$3,745,352	\$1,691,189	100.0	100.0	
Less than \$5,000.....	25	63	10.1	30.9	8	52	0.7	4.7	79,000	210,333	0.8	5.2	33,586	98,386	0.9	5.8	
\$5,000 to \$20,000.....	130	99	52.4	48.5	178	297	15.3	26.7	1,530,360	975,627	15.5	24.3	562,196	415,701	15.0	24.6	
\$20,000 to \$100,000.....	76	36	30.6	17.6	412	408	35.3	36.7	3,113,605	1,412,387	31.5	35.2	1,020,029	544,137	27.4	32.2	
\$100,000 to \$500,000.....	14	16	5.6	2.9	352	1,355	30.2	31.9	2,588,770	1,418,612	26.2	35.3	901,626	1,032,965	24.1	37.4	
\$500,000 and over.....	3	—	1.2	—	216	—	18.6	—	2,571,647	—	26.0	—	1,221,915	—	32.6	—	
COTTON GOODS.....	74	65	100.0	100.0	31,405	25,257	100.0	100.0	155,488,347	43,267,662	100.0	100.0	67,204,697	17,729,863	100.0	100.0	
Less than \$20,000.....	3	—	4.1	—	18	—	0.1	—	15,517	—	(2)	—	7,648	—	(3)	—	
\$20,000 to \$100,000.....	6	12	8.1	18.5	61	327	0.2	1.3	387,404	668,064	0.2	1.5	95,803	245,807	0.1	1.4	
\$100,000 to \$500,000.....	11	22	14.9	33.8	706	10,725	2.2	42.5	2,693,155	5,796,298	1.7	13.4	1,128,438	1,716,753	1.7	40.4	
\$500,000 to \$1,000,000.....	8	18	10.8	27.7	1,361	—	4.3	—	6,221,288	12,648,818	4.0	29.2	2,230,020	—	3.3	—	
\$1,000,000 and over.....	46	13	62.2	20.0	29,259	14,205	93.2	56.2	146,170,983	24,154,482	94.0	55.8	63,741,988	10,310,303	94.8	58.2	
COTTON SMALL WARES.....	48	28	100.0	100.0	3,990	2,899	100.0	100.0	17,824,321	4,394,213	100.0	100.0	7,832,295	2,007,044	100.0	100.0	
Less than \$5,000.....	—	3	—	10.7	—	6	—	0.2	—	5,238	—	0.1	—	3,180	—	0.2	—
\$5,000 to \$20,000.....	5	8	10.4	28.6	14	33	0.4	1.2	62,519	80,867	0.4	1.8	25,126	34,348	0.3	1.7	
\$20,000 to \$100,000.....	17	9	35.4	32.1	199	386	5.0	13.5	822,784	582,759	4.6	13.3	321,568	270,552	4.1	13.5	
\$100,000 to \$500,000.....	19	8	39.6	28.6	1,075	2,444	26.9	85.2	4,578,112	3,725,349	25.7	84.8	1,839,080	1,698,955	23.5	84.6	
\$500,000 and over.....	7	—	14.6	—	2,702	—	67.7	—	12,360,906	—	69.3	—	5,646,521	—	72.1	—	
DYEING AND FINISHING TEXTILES, EXCLUSIVE OF THAT DONE IN TEXTILE MILLS.....	67	47	100.0	100.0	9,319	7,928	100.0	100.0	42,257,545	16,300,783	100.0	100.0	21,330,805	7,536,480	100.0	100.0	
Less than \$20,000.....	11	10	16.4	21.3	69	78	0.7	1.0	120,636	97,975	0.3	0.6	92,621	65,438	0.4	0.9	
\$20,000 to \$100,000.....	13	10	19.4	21.3	234	278	2.5	3.5	779,230	503,086	1.8	3.1	441,787	247,166	2.1	3.3	
\$100,000 to \$500,000.....	19	15	28.4	31.9	1,205	1,628	12.9	58.4	4,262,812	3,421,034	10.1	21.0	2,599,001	1,404,907	12.2	53.7	
\$500,000 to \$1,000,000.....	12	5	17.9	10.6	2,257	—	24.2	—	7,516,777	3,761,684	17.8	23.1	4,128,992	—	19.4	—	
\$1,000,000 and over.....	12	7	17.9	14.9	5,554	2,944	59.6	37.1	29,578,090	8,517,004	70.0	52.2	14,008,404	3,176,969	66.0	42.2	
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.....	13	13	100.0	100.0	1,513	1,581	100.0	100.0	7,566,790	5,468,065	100.0	100.0	4,440,026	1,674,995	100.0	100.0	
Less than \$20,000.....	4	5	30.8	38.5	16	23	1.1	1.5	46,490	43,401	0.6	0.8	31,022	21,201	0.7	1.3	
\$20,000 to \$100,000.....	3	—	23.1	—	66	—	4.4	—	211,332	—	2.8	—	123,736	—	2.8	—	
\$100,000 and over.....	6	8	46.2	61.5	1,431	1,558	94.6	98.5	7,308,968	5,424,664	96.6	99.2	4,285,268	1,653,794	96.5	98.7	
FOUNDRY AND MACHINE-SHOP PRODUCTS.....	158	136	100.0	100.0	15,106	9,819	100.0	100.0	52,932,045	17,177,123	100.0	100.0	38,687,110	11,101,716	100.0	100.0	
Less than \$5,000.....	29	22	18.3	16.2	24	32	0.2	0.3	100,741	65,261	0.2	0.4	71,819	48,207	0.2	0.4	
\$5,000 to \$20,000.....	23	54	14.6	39.7	79	322	0.5	3.3	255,188	561,275	0.5	3.3	170,250	382,040	0.5	3.4	
\$20,000 to \$100,000.....	51	36	32.2	26.5	630	968	4.2	9.9	2,369,187	1,884,887	4.5	11.0	1,463,254	1,202,638	3.8	10.8	
\$100,000 to \$500,000.....	39	14	24.7	10.3	2,204	4,101	14.6	41.8	8,160,694	2,756,341	15.4	16.0	5,258,688	1,431,527	13.6	43.5	
\$500,000 to \$1,000,000.....	5	7	3.2	5.1	1,125	—	7.4	—	3,856,200	4,447,594	7.3	25.9	2,596,213	—	6.7	—	
\$1,000,000 and over.....	11	3	7.0	2.2	11,044	4,396	73.1	44.8	38,190,029	7,461,705	72.1	43.4	29,121,886	4,637,304	75.3	41.8	
JEWELRY.....	288	291	100.0	100.0	10,579	8,778	100.0	100.0	48,596,440	21,522,251	100.0	100.0	21,620,481	10,313,204	100.0	100.0	
Less than \$5,000.....	30	47	10.4	16.2	32	72	0.3	0.8	83,238	104,773	0.2	0.5	63,668	77,332	0.3	0.7	
\$5,000 to \$20,000.....	53	70	18.4	24.1	282	478	2.7	5.4	588,028	769,289	1.2	3.6	411,212	519,391	1.9	5.0	
\$20,000 to \$100,000.....	103	116	35.8	39.9	1,651	3,032	15.6	34.5	5,325,992	5,988,396	11.0	27.8	3,081,753	3,449,277	14.3	33.4	
\$100,000 to \$500,000.....	83	54	28.8	18.5	5,141	7,196	48.0	59.2	19,815,444	10,834,248	40.8	50.3	10,711,774	7,207,204	49.5	60.8	
\$500,000 to \$1,000,000.....	13	4	4.5	1.4	1,307	—	12.1	—	9,325,717	3,825,545	19.2	17.8	3,874,122	—	17.9	—	
\$1,000,000 and over.....	6	—	2.1	—	1,666	—	15.7	—	13,457,421	—	27.7	—	3,477,952	—	16.1	—	
KNIT GOODS.....	26	23	100.0	100.0	1,983	2,030	100.0	100.0	11,936,313	4,191,841	100.0	100.0	4,547,197	1,787,239	100.0	100.0	
Less than \$5,000.....	—	3	—	13.0	—	6	—	0.3	—	5,185	—	0.1	—	3,078	—	0.2	—
\$5,000 to \$20,000.....	5	3	19.2	13.0	29	19	1.5	0.9	43,696	22,865	0.5	0.5	30,912	9,226	0.7	0.5	
\$20,000 to \$100,000.....	5	4	19.2	17.4	59	53	3.0	2.6	202,325	151,085	1.7	3.6	84,884	70,122	1.9	3.9	
\$100,000 to \$500,000.....	7	13	26.9	56.5	444	1,952	22.4	96.2	1,668,042	4,012,706	14.0	95.7	622,684	1,704,813	13.7	95.4	
\$500,000 to \$1,000,000.....	6	—	23.1	—	881	—	44.4	—	4,474,566	—	37.5	—	1,875,548	—	41.2	—	
\$1,000,000 and over.....	3	—	11.5	—	570	—	28.7	—	5,527,684	—	46.3	—	1,933,169	—	42.5	—	
SILK GOODS.....	20	12	100.0	100.0	4,150	2,325	100.0	100.0	27,219,238	7,664,472	100.0	100.0	10,404,365	2,337,878	100.0	100.0	
Less than \$5,000.....	—	3	—	25.0	—	5	—	0.2	—	5,625	—	0.1	—	3,788	—	0.2	—
\$5,000 to \$20,000.....	—	3	—	10.0	—	6	—	0.1	—	16,991	—	0.1	—	5,828	—	0.1	—
\$20,000 to \$100,000.....	6	3	20.0	25.0	88	53	2.0	2.8	266,961	134,228	1.0	1.8	134,550	52,382	1.3	2.2	
\$100,000 to \$500,000.....	11	3	36.7	25.0	1,464	1,411	11.2	17.7	4,255,826	1,373,947	15.6	17.9	1,439,181	1,390,344	13.8	16.5	
\$1,000,000 and over.....	10	3	33.3	25.0	3,597	1,856	86.7	79.8	22,679,460	6,150,672	83.3	80.2	8,824,800	1,895,309	84.8	81.1	
SLAUGHTERING AND MEAT PACKING.....	22	10	100.0	100.0	264	190	100.0	100.0	6,807,195	4,497,456	100.0	100.0	839,238	339,458	100.0	100.0	
Less than \$5,000.....	6	—	27.3	—	1	—	0.4	—	13,634	—	0.2	—	4,602	—	0.5	—	
\$5,000 to \$20,000.....	5	—	22.7	—	4	—	1.5	—	53,849	—	0.8	—	14,297	—	1.7	—	
\$20,000 to \$100,000.....	3	5	13.6	50.0	7	13	2.7	6.8	195,625	114,802	2.9	2.6	26,767	33,920	3.2	10.0	
\$100,000 to \$500,000.....	4	5	18.2	50.0	17												

1 Includes the group "\$500,000 to \$1,000,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.			Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
Bristol.....	28	5,097	100.0	\$17,841,557	100.0	\$9,048,115	100.0	PAWTUCKET.....	284	24,446	100.0	\$135,517,533	100.0	\$58,044,788	100.0
Less than \$5,000.....	3	3	0.1	19,650	0.1	11,847	0.1	Less than \$5,000.....	50	30	0.1	132,368	0.1	76,851	0.1
\$5,000 to \$20,000.....	9	17	0.3	89,414	0.5	41,791	0.5	\$5,000 to \$20,000.....	99	219	0.9	801,159	0.6	444,328	0.8
\$20,000 to \$100,000.....	2	39	0.8	339,219	1.9	145,406	1.6	\$20,000 to \$100,000.....	65	628	2.6	2,916,968	2.2	1,313,402	2.3
\$100,000 to \$500,000.....	3	5,038	98.8	17,393,274	97.6	8,849,071	97.8	\$100,000 to \$500,000.....	58	2,789	11.4	14,005,437	10.4	6,184,116	10.7
\$500,000 and over.....								\$500,000 to \$1,000,000.....	19	2,328	9.5	12,015,962	8.9	5,985,159	10.3
								\$1,000,000 and over.....	26	18,462	75.5	105,555,639	77.9	44,040,932	75.9
CENTRAL FALLS.....	67	3,922	100.0	22,628,477	100.0	10,629,724	100.0	PROVIDENCE.....	1,274	53,372	100.0	267,629,283	100.0	127,302,659	100.0
Less than \$5,000.....	12	8	0.2	33,134	0.2	19,714	0.2	Less than \$5,000.....	241	175	0.3	663,650	0.2	453,512	0.4
\$5,000 to \$20,000.....	10	33	0.8	93,823	0.4	55,463	0.5	\$5,000 to \$20,000.....	363	1,099	2.1	3,958,151	1.5	2,342,731	1.8
\$20,000 to \$100,000.....	20	231	5.9	1,005,104	4.4	435,113	4.1	\$20,000 to \$100,000.....	361	4,393	8.2	16,540,790	6.2	9,277,875	7.3
\$100,000 to \$500,000.....	13	571	14.6	2,801,624	12.4	1,288,480	12.1	\$100,000 to \$500,000.....	217	11,692	21.7	50,600,011	18.9	25,396,813	19.9
\$500,000 to \$1,000,000.....	4	521	13.3	2,922,498	12.9	1,327,825	12.5	\$500,000 to \$1,000,000.....	40	5,690	10.7	28,958,825	10.8	12,240,250	9.6
\$1,000,000 and over.....	8	2,558	65.2	15,766,994	69.7	7,505,129	70.6	\$1,000,000 and over.....	52	30,423	57.0	166,907,856	62.4	77,591,472	61.0
CRANSTON.....	55	2,657	100.0	13,693,723	100.0	7,940,205	100.0	WARWICK.....	26	1,379	100.0	7,044,984	100.0	3,263,237	100.0
Less than \$5,000.....	11	1	(1)	22,545	0.2	13,363	0.2	Less than \$5,000.....	9	5	0.4	21,835	0.3	13,732	0.4
\$5,000 to \$20,000.....	19	61	2.3	219,024	1.6	113,354	1.4	\$5,000 to \$20,000.....	4	16	1.2	39,509	0.6	17,650	0.5
\$20,000 to \$100,000.....	9	185	7.0	574,933	4.2	290,218	3.7	\$20,000 to \$100,000.....	6	71	5.1	350,303	5.0	160,900	4.9
\$100,000 to \$500,000.....	6	432	16.3	1,493,558	10.9	883,185	11.1	\$100,000 to \$500,000.....	3	302	21.9	1,145,964	16.3	792,540	24.3
\$500,000 to \$1,000,000.....	6	790	29.7	3,418,643	25.0	1,928,190	24.3	\$500,000 to \$1,000,000.....	4	985	71.4	5,438,373	77.9	2,278,415	69.8
\$1,000,000 and over.....	4	1,187	44.7	7,995,020	58.2	4,711,896	59.3								
CUMBERLAND.....	26	2,918	100.0	15,999,225	100.0	8,660,752	100.0	WEST WARWICK.....	39	4,919	100.0	22,163,799	100.0	8,885,345	100.0
Less than \$20,000.....	8	23	0.8	77,844	0.5	31,427	0.4	Less than \$5,000.....	7	3	0.1	22,250	0.1	15,396	0.2
\$20,000 to \$100,000.....	7	103	3.5	322,113	2.0	193,293	2.2	\$5,000 to \$20,000.....	9	38	0.8	128,140	0.6	64,184	0.7
\$100,000 to \$500,000.....	5	359	12.2	1,143,059	7.1	636,321	7.3	\$20,000 to \$100,000.....	8	79	1.6	325,088	1.5	164,476	1.9
\$500,000 and over.....	6	2,436	83.5	14,456,209	90.4	7,799,711	90.1	\$100,000 to \$500,000.....	7	605	12.3	2,462,420	11.1	1,277,681	14.4
								\$1,000,000 and over.....	8	4,194	85.3	19,225,901	86.7	7,363,628	82.9
EAST PROVIDENCE.....	37	2,288	100.0	17,591,394	100.0	5,497,866	100.0	WOONSOCKET.....	190	14,387	100.0	93,546,778	100.0	32,640,273	100.0
Less than \$5,000.....	10	5	0.2	35,199	0.2	25,226	0.5	Less than \$5,000.....	33	30	0.2	98,221	0.1	72,144	0.2
\$5,000 to \$20,000.....	9	30	1.3	107,046	0.6	52,139	0.9	\$5,000 to \$20,000.....	54	150	1.0	518,016	0.6	316,969	1.0
\$20,000 to \$100,000.....	7	142	6.2	355,694	2.0	240,634	4.4	\$20,000 to \$100,000.....	41	485	3.4	1,824,578	1.9	921,462	2.8
\$100,000 to \$500,000.....	6	270	11.8	1,565,964	8.9	468,954	8.5	\$100,000 to \$500,000.....	28	1,108	7.7	5,707,139	6.1	2,704,725	8.3
\$500,000 and over.....	5	1,841	80.5	15,526,491	88.3	4,710,913	85.7	\$500,000 to \$1,000,000.....	7	950	6.6	5,110,828	5.5	1,709,181	5.4
								\$1,000,000 and over.....	27	11,066	81.1	80,281,996	85.8	20,555,789	82.3
NEWPORT.....	87	1,032	100.0	4,166,696	100.0	2,477,714	100.0								
Less than \$5,000.....	21	14	1.4	42,225	1.0	25,855	1.0								
\$5,000 to \$20,000.....	38	102	9.9	385,602	9.3	217,852	8.8								
\$20,000 to \$100,000.....	25	226	21.9	1,175,771	28.2	503,629	24.0								
\$100,000 and over.....	3	690	66.9	2,563,098	61.5	1,640,373	66.2								

¹ Less than one-tenth of 1 per cent.² Includes the group "\$500,000 to \$1,000,000."

MANUFACTURES—RHODE ISLAND.

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISH- MENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.						
						Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.		Indi- vid- uals.	Corpora- tions.	All others.	Indi- vid- uals.	Corpora- tions.	All oth- ers.				
All industries.....	1919	1,210	853	403	139,665	7,386	125,659	6,620	5.3	90.0	4.7	\$747,322,858	\$33,493,110	\$681,416,232	\$32,413,516	4.5	91.2	4.3				
	1914	1,109	713	368	113,425	10,512	94,826	8,087	9.3	83.6	7.1	279,545,873	23,460,462	237,242,098	15,842,713	8.4	84.9	6.7				
	1909	955	659	337	113,538	8,888	95,794	8,856	7.8	84.4	7.8	280,343,797	18,425,145	243,420,998	18,491,654	6.6	86.8	6.0				
Bread and other bakery products.	1919	103	14	41	1,166	495	424	247	42.5	36.4	21.2	9,833,391	3,909,731	4,087,699	1,885,961	39.6	41.4	19.1				
	1914	107	12	25	1,112	475	398	239	42.7	35.8	21.5	4,016,959	1,673,559	1,542,613	800,787	41.7	38.4	19.9				
Cotton goods.....	1919	4	69	1	31,405	116	31,289	.....	0.4	99.6	.....	155,488,347	1,334,233	155,154,114	.....	0.2	99.8	.....			
	1914	4	48	13	25,257	40	22,060	3,157	0.2	87.3	12.5	43,267,662	249,913	38,432,741	4,585,008	0.6	88.8	10.6				
Cotton small wares.....	1919	8	33	7	3,990	99	3,791	100	2.5	95.0	2.5	17,824,321	367,488	16,933,323	523,510	2.1	95.0	2.9				
	1914	7	17	4	2,869	157	2,676	36	5.5	93.3	1.3	4,394,213	181,160	4,150,026	63,027	4.1	94.4	1.4				
Dyeing and finishing tex- tiles, exclusive of that done in textile mills.	1919	6	55	6	9,319	152	6,712	2,455	1.6	72.0	26.3	42,257,545	486,129	32,176,248	9,595,168	1.2	76.1	22.7				
	1914	12	32	3	7,928	2,194	5,721	13	27.7	72.2	0.2	16,300,783	3,969,996	12,309,842	20,945	24.4	75.5	0.1				
Electrical machinery, ap- paratus, and supplies.	1919	2	9	2	1,513	141	1,472	.....	2.7	97.3	.....	7,566,790	1124,974	7,441,816	.....	1.7	98.3	.....			
	1914	2	10	1	1,581	136	1,545	.....	2.3	97.7	.....	5,468,065	177,207	5,390,858	.....	1.4	98.6	.....			
Foundry and machine- shop products. ¹	1919	61	79	18	15,106	508	14,375	223	3.4	95.2	1.5	52,932,045	2,106,059	50,033,871	792,115	4.0	94.5	1.5				
	1914	55	61	20	9,819	479	9,163	177	4.9	93.3	1.8	17,177,123	983,957	15,841,530	351,930	5.7	92.2	2.0				
Jewelry.....	1919	92	114	82	10,579	1,480	7,378	1,721	14.0	69.7	16.3	48,596,440	4,425,732	37,271,603	6,899,105	9.1	76.7	14.2				
	1914	97	115	79	8,778	1,472	5,421	1,885	16.8	61.8	21.5	21,522,251	2,607,971	14,651,977	4,262,303	12.1	68.1	19.8				
Knit goods.....	1919	8	15	3	1,983	372	1,601	10	18.8	80.7	0.5	11,936,313	1,369,563	10,533,709	33,041	11.5	88.2	0.3				
	1914	4	16	3	2,030	438	1,399	193	21.6	68.9	9.5	4,191,841	3,267,305	3,267,305	347,517	13.8	77.9	8.3				
Liquors, malt.....	1919	.....	5	.....	398	.....	398	.....	.....	100.0	.....	5,932,689	.....	5,932,689	.....	.....	100.0	.....			
	1914	.....	6	2	511	.....	511	.....	.....	100.0	.....	3,918,332	.....	3,918,332	.....	.....	100.0	.....			
Rubber tires, tubes, and rubber goods, not else- where specified.	1919	.....	6	.....	2,117	.....	2,117	.....	.....	100.0	.....	15,887,006	.....	15,887,006	.....	.....	100.0	.....			
	1914	.....	6	.....	1,541	.....	1,541	.....	.....	100.0	.....	6,088,988	.....	6,088,988	.....	.....	100.0	.....			
Silk goods.....	1919	2	24	4	4,150	.....	4,051	99	.....	97.6	2.4	27,219,238	.....	26,395,282	823,956	.....	97.0	3.0
	1914	4	8	.....	2,325	53	2,272	.....	2.3	97.7	.....	7,664,472	136,160	7,528,312	.....	1.8	98.2	.....			
Slaughtering and meat packing.	1919	15	2	5	264	19	245	.....	7.2	.....	92.8	6,897,195	752,020	6,055,175	.....	11.0	.....	89.0
	1914	4	1	5	190	12	178	.....	6.3	.....	93.7	4,497,456	172,131	4,325,325	.....	3.8	.....	96.2
Woolen and worsted goods.	1919	11	74	3	24,393	1,069	23,145	179	4.4	94.9	0.7	175,312,358	6,343,652	167,974,848	993,858	3.6	95.8	0.6				
	1914	10	66	4	22,745	1,761	20,554	430	7.7	90.4	1.9	60,888,755	4,470,009	55,506,406	906,344	7.4	91.2	1.5				
Total for cities.....	1919	1,018	735	360	116,417	5,971	105,799	4,647	5.1	90.9	4.0	617,823,449	25,874,760	586,940,008	25,008,681	4.2	91.8	4.0				
	1914	951	609	331	89,332	6,873	75,703	6,756	7.7	84.7	7.6	225,854,042	15,225,421	194,076,493	16,552,128	6.7	85.9	7.3				
BRISTOL.....	1919	16	5	7	5,097	27	5,047	23	0.5	99.0	0.5	17,841,557	196,772	17,618,729	126,056	1.1	98.2	0.7				
CENTRAL FALLS.....	1919	30	32	5	3,922	210	3,565	147	5.4	90.9	3.7	22,628,477	1,017,668	20,136,671	1,474,138	4.5	89.0	6.5				
	1914	17	23	5	3,077	112	2,916	49	3.6	94.8	1.6	6,748,296	269,078	6,146,956	332,262	4.0	91.1	4.9				
CRANSTON.....	1919	28	21	6	2,657	84	2,543	30	3.2	95.7	1.1	13,693,723	437,877	13,186,906	68,940	3.2	96.3	0.5				
	1914	14	18	7	2,218	47	2,131	40	2.1	96.1	1.8	6,706,138	124,329	6,427,532	154,277	1.9	95.8	2.3				
CUMBERLAND.....	1919	10	15	1	2,918	165	2,853	.....	2.2	97.8	.....	15,999,225	128,781	15,711,444	.....	1.8	98.2	.....			
	1914	9	12	2	2,958	132	2,925	.....	1.1	98.9	.....	5,960,280	100,041	5,866,239	.....	1.7	98.3	.....			
EAST PROVIDENCE.....	1919	18	15	4	2,288	76	1,616	596	3.3	70.6	26.0	17,591,394	219,075	14,897,510	2,474,809	1.2	84.7	14.1				
	1914	19	15	4	1,906	609	1,288	11	32.0	67.5	0.6	7,000,109	1,124,516	5,836,658	44,935	16.1	83.3	0.6				
NEWPORT.....	1919	56	15	16	1,032	178	757	67	17.2	76.3	6.5	4,166,696	779,226	2,921,962	405,508	18.7	70.1	11.2				
	1914	63	10	16	893	284	549	60	31.8	61.5	6.7	2,298,576	722,743	1,357,648	218,185	31.4	59.1	9.5				
PAWTUCKET.....	1919	119	123	42	24,446	639	23,522	285	2.6	96.2	1.2	135,517,533	3,376,556	128,400,151	3,740,826	2.5	94.7	2.8				
	1914	102	96	37	16,713	649	15,690	374	3.9	93.9	2.2	42,028,728	1,535,266	38,348,742	2,144,730	3.7	91.2	5.1				
PROVIDENCE.....	1919	618	415	241	53,372	3,885	46,418	3,069	7.3	87.0	5.8	267,629,283	15,215,958	237,900,047	14,512,678	5.7	88.9	5.4				
	1914	613	367	227	44,176	4,091	36,318	3,767	9.3	82.2	8.5	115,835,131	9,033,277	96,336,767	9,965,087	7.8	83.5	8.6				
WARWICK.....	1919	14	9	3	1,370	126	1,231	22	9.1	89.3	1.6	7,044,984	1,653,983	5,354,240	36,761	23.5	76.0	0.5				
	1914	13	4	2	932	1321	611	.....	34.4	65.6	.....	1,577,558	1,591,011	986,547	.....	37.5	62.5	.....			
WEST WARWICK.....	1919	18	17	4	4,919	69	4,838	12	1.4	98.4	0.2	22,163,799	304,923	21,795,609	63,267	1.4	98.3	0.3				
	1914	21	11	7	5,507	139	5,060	2,308	2.5	55.6	41.9	10,078,039	462,385	6,356,110	3,259,544	4.6	63.1	32.3				
WOONSOCKET.....	1919	91	68	31	14,387	612	13,379	396	4.3	93.0	2.8	93,546,778	2,384,941	89,116,139	2,045,698	2.5	95.3	2.2				
	1914	80	53	24	10,952	588	10,217	147	5.4	93.3	1.3	26,115,187	1,262,785	26,419,294	433,108	4.5	94.0	1.5				

¹ Includes the group "All others."² Includes "iron and steel, tempering, welding, etc."; "machine tools"; and "textile machinery and parts."³ Includes the group "Individuals."⁴ Includes the group "Corporations."

MANUFACTURES—RHODE ISLAND.

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TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

	Cen- sus year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.								THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.			
			Number or amount.	Per cent of aggre- gate.	Number or amount.	Per cent of aggre- gate.	Number or amount.	Per cent of aggre- gate.	Number or amount.	Per cent of aggre- gate.	Number or amount.	Per cent of ag- gre- gate.
Number of places.....	1919 1914 1909		11 10 9	..... ..... .....	6 6 4	..... ..... .....	4 3 4	..... ..... .....	1 1 1	..... ..... .....	
Population ¹	1920 1915 1910	604,397 591,215 542,610	501,362 479,487 437,627	83.0 81.1 80.7	99,361 105,992 69,776	15.9 17.9 12.9	167,406 128,405 143,525	27.7 21.7 26.5	237,695 245,090 224,326	39.3 41.5 41.3	103,035 111,728 104,983	17.0 18.9 19.3
Number of establishments.....	1919 1914 1909	2,466 2,190 1,951	2,113 1,891 1,656	85.7 86.3 84.9	223 203 126	9.0 9.3 6.5	616 481 450	25.0 22.0 23.1	1,274 1,207 1,080	51.7 55.1 55.4	353 299 295	14.3 13.7 15.1
Average number of wage earners.....	1919 1914 1909	139,665 113,425 113,538	116,417 89,332 91,142	83.4 78.8 80.3	20,523 16,698 11,586	14.7 14.6 10.2	42,522 28,558 33,176	30.4 25.2 29.2	53,372 44,176 46,881	38.2 38.9 40.9	23,248 24,093 22,396	16.6 21.2 10.7
Value of products.....	1919 1914 1909	\$747,322,858 279,545,873 280,343,797	\$617,823,449 225,854,042 226,191,505	82.7 80.8 80.7	\$103,269,436 38,076,420 28,068,350	13.8 13.6 10.0	\$246,924,730 72,442,491 77,882,571	33.0 25.9 27.8	\$267,623,283 115,335,131 120,240,584	35.8 41.3 42.9	\$129,499,409 53,691,831 54,152,292	17.3 19.2 19.3
Value added by manufacture.....	1919 1914 1909	331,333,655 117,120,654 122,152,223	274,390,678 96,185,543 101,209,421	82.8 82.1 82.9	45,985,039 15,198,359 12,122,109	13.9 13.0 9.9	101,102,980 29,622,008 33,616,782	30.5 25.3 27.5	127,302,659 51,865,176 55,470,539	38.4 43.9 45.4	56,942,977 20,935,111 20,942,802	17.2 17.9 17.1

¹ Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN CITIES OF 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919.

CITY AND INDUSTRY.	VALUE OF PRODUCTS.				CITY AND INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.			Amount, 1919.	Per cent of total for the state.	Increase ¹ over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
PAWTUCKET.					PROVIDENCE—Continued.				
Cotton goods.....	\$53,628,196	34.5	\$43,067,442	407.8	Printing and publishing, newspapers and periodicals.....	\$2,698,015	71.5	\$1,131,872	72.3
Silk goods.....	11,903,743	43.7	(²)	(²)	Printing and publishing, book and job.....	2,469,054	76.4	789,225	47.0
Cotton small wares.....	8,030,948	45.1	(²)	(²)	Sausage, not made in slaughtering and meat-packing establishments.....	1,738,412	92.9	835,895	102.0
Dyeing and finishing textiles, exclusive of that done in textile mills.....	7,142,605	16.9	4,240,854	146.1	Confectionery and ice cream.....	1,598,211	67.5	807,324	102.1
Foundry and machine-shop products ³	4,019,814	13.2	1,204,370	42.8	Optical goods.....	1,423,795	100.0	(²)	(²)
Slaughtering and meat packing.....	3,191,090	46.9	(²)	(²)	Tools, not elsewhere specified.....	831,528	55.1	604,615	206.5
Cotton lace.....	1,942,651	47.3	(²)	(²)	Jewelry and instrument cases.....	831,362	100.0	(¹)	(²)
Bread and other bakery products.....	1,001,222	10.1	614,818	159.1	Food preparations, not elsewhere specified.....	824,632	81.1	(¹)	(²)
Jewelry.....	854,411	1.8	297,159	53.3	Copper, tin, and sheet-iron work.....	695,278	69.1	-691	-0.1
Lumber, planing-mill products, not including planing mills connected with saw-mills.....	759,095	44.3	-39,324	-4.9	Lumber, planing-mill products, not including planing mills connected with sawmills.....	618,144	35.8	-40,176	-6.1
Tools, not elsewhere specified.....	560,282	37.1	(²)	(²)	Brass and bronze products.....	594,234	20.0	123,221	26.2
Cardboard, not made in paper mills.....	(²)	(²)	(²)	(²)	Automobile repairing.....	561,876	51.9	369,497	246.8
Electrical machinery, apparatus, and supplies.....	(²)	(²)	(²)	(²)	Boxes, paper and other, not elsewhere specified.....	557,134	68.6	87,676	11.5
Grease and tallow, not including lubricating greases.....	(²)	(²)	(²)	(²)	Baking powders and yeast.....	(²)	(²)	(²)	(²)
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	(²)	(²)	(²)	(²)	Boots and shoes, rubber.....	(²)	(²)	(²)	(²)
Iron and steel, steel works and rolling mills.....	(²)	(²)	(²)	(²)	Cotton goods.....	(²)	(²)	(²)	(²)
Knit goods.....	(²)	(²)	(²)	(²)	Electroplating.....	(²)	(²)	(²)	(²)
Machine tools.....	(²)	(²)	(²)	(²)	Fancy articles, not elsewhere specified.....	(²)	(²)	(²)	(²)
Paper goods, not elsewhere specified.....	(²)	(²)	(²)	(²)	Files.....	(²)	(²)	(²)	(²)
Suspenders, garters, and elastic woven goods.....	(²)	(²)	(²)	(²)	Gas, illuminating and heating.....	(²)	(²)	(²)	(²)
Wire.....	(²)	(²)	(²)	(²)	Gas and water meters.....	(²)	(²)	(²)	(²)
Worsted goods.....	(²)	(²)	(²)	(²)	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	(²)	(²)	(²)	(²)
PROVIDENCE.					Liquors, malt.....	(²)	(²)	(²)	(²)
Woolen and worsted goods.....	55,335,050	31.6	(²)	(²)	Needles, pins, and hooks and eyes.....	(²)	(²)	(²)	(²)
Jewelry.....	47,447,575	97.6	26,513,585	126.7	Oil and cake, cottonseed.....	(²)	(²)	(²)	(²)
Foundry and machine-shop products ³	29,128,542	55.1	19,951,410	217.4	Paints.....	(²)	(²)	(²)	(²)
Dyeing and finishing textiles, exclusive of that done in textile mills.....	10,988,462	26.0	7,347,456	201.8	Petroleum, refining.....	(²)	(²)	(²)	(²)
Silver-smithing and silverware.....	6,829,806	100.0	(²)	(²)	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	(²)	(²)	(²)	(²)
Cotton small wares.....	6,188,839	34.7	(²)	(²)	Screws, wood.....	(²)	(²)	(²)	(²)
Bread and other bakery products.....	5,916,012	59.9	3,478,951	142.8	Shipbuilding, steel, new vessels.....	(²)	(²)	(²)	(²)
Slaughtering and meat packing.....	3,490,890	51.4	(²)	(²)	Silk goods.....	(²)	(²)	(²)	(²)
Gold and silver, reducing and refining, not from the ore.....	3,409,457	100.0	119,600	3.6	Soap.....	(²)	(²)	(²)	(²)
Electrical machinery, apparatus, and supplies.....	3,137,771	41.5	2,049,639	188.4	Steam fittings and steam and hot-water heating apparatus.....	(²)	(²)	(²)	(²)
Knit goods.....	3,068,645	25.7	1,502,462	95.9	Structural ironwork, not made in steel works or rolling mills.....	(²)	(²)	(²)	(²)
Oleomargarine and other butter substitutes.....	2,946,142	100.0	(²)	(²)	Suspenders, garters, and elastic woven goods.....	(²)	(²)	(²)	(²)
					Tinware, not elsewhere specified.....	(²)	(²)	(²)	(²)

¹ A minus sign (—) denotes decrease.

² Figures can not be shown without disclosing individual operations.

³ Includes "textile machinery and parts" in 1919 and 1914. "Machine tools" included in 1914, but excluded in 1919, to avoid disclosure of individual operations.

⁴ Includes "machine tools" and "textile machinery and parts."

MANUFACTURES—RHODE ISLAND.

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
	1919	1914	1909	Amount.			Per cent distribution.		
				1919	1914	1909	1919	1914	1909
Primary power, total.....	13,498	6,310	3,674	321,016	269,854	226,740	100.0	100.0	100.0
Owned.....	1,267	1,481	1,500	221,731	235,312	210,049	69.1	87.2	92.6
Steam.....	893	1,099	1,104	189,280	199,170	175,332	59.0	73.8	77.3
Engines.....	819	(2)	(2)	147,358	(2)	(2)	45.9		
Turbines.....	74	(2)	(2)	41,922	(2)	(2)	13.1		
Internal-combustion engines.....	108	114	100	3,188	2,493	3,800	1.0	0.9	1.5
Water.....	265	268	296	29,263	33,649	31,417	9.1	12.5	13.9
Water wheels and turbines.....	263	265	290	29,258	33,644	31,376	9.1	12.5	13.8
Water motors.....	3	3	6	5	5	41	(3)	(3)	(3)
Rented.....	12,231	4,829	2,174	99,285	34,542	16,691	30.9	12.8	7.4
Electric.....	12,231	4,829	2,174	97,967	31,572	13,697	30.5	11.7	6.0
Other.....				1,328	2,970	2,994	0.4	1.1	1.3
Electric.....	19,884	10,251	3,964	163,913	91,224	42,130	100.0	100.0	100.0
Rented.....	12,231	4,829	2,174	97,967	31,572	13,697	59.8	34.6	32.5
Generated by establishments reporting.....	7,653	5,422	1,790	65,956	59,652	28,433	40.2	65.4	67.5

¹ Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.² Not reported separately.³ Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

INDUSTRY AND CITY.	COAL.		Coke (tons, 2,000 pounds).	Fuel oils (barrels).	Gasoline and other volatile oils (barrels).	Gas (1,000 cubic feet).
	Anthracite (tons, 2,240 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....	90,628	982,891	51,853	1,394,488	19,027	616,995
Per cent of increase ²	1919.. 1914..	1919.. 1914..	1919.. 1914..	1919.. 1914..	1919.. 1914..	1919.. 1914..
	139,666 -30.8	1,056,045 -6.9	17,634 194.1	163,240 765.9	(1) (1)	113,335 444.4
Boots and shoes, rubber.....	274	22,526	12	97,478		1,123
Bread and other bakery products.....	4,504	3,545	6,462	592	968	9,350
Cars and general shop construction and repairs by steam-railroad companies.....		11,335				
Chemicals.....		6,016	77	2,652		
Cotton goods.....	14,144	163,484	13,982	334,984	391	42
Cotton small wares.....	192	11,388	296	39,307		74,636
Dyeing and finishing textiles, exclusive of that done in textile mills.....	29,447	188,649	713	107,739	1,785	342,214
Files.....	1,774	2,969	5	16,896		10,481
Foundry and machine-shop products.....	1,510	17,873	7,542	8,382	83	8,807
Gas, illuminating and heating.....	15,694	179,406	4,682	113,823	7,237	
Glass.....		6,732				6,887
Iron and steel, steel works and rolling mills.....	20	10,273	155	66,352		
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	638	2,381	1,556	3,351	329	1,070
Jewelry.....	1,461	1,730	26	5,177	2	30,043
Liquors, malt.....		17,984			500	
Machine tools.....	299	13,155	9,360	6,495	148	16,261
Paper and wood pulp.....		17,013				
Petroleum, refining.....				85,751		
Printing and publishing, newspapers and periodicals.....	436	436		12,329		9,447
Rubber tires, tubes, and rubber goods, not elsewhere specified.....	57	9,815		78,689	934	970
Screws, wood.....	4,213	5,951	87			
Shipbuilding, steel, new vessels and repair work.....	57	5,792				
Silk goods.....	2,663	7,309		41,692	1	
Textile machinery and parts.....	2,305	8,816	4,235	24,092	113	5,239
Wire.....	2,695	24,808		16,505		
Woolen goods.....	80	32,007		738	14	
Worsted goods.....	4,101	150,479		270,237		1,320
All other industries.....	10,114	60,519	2,663	61,227	6,622	99,105
Total for cities.....	61,819	783,578	36,971	1,193,115	16,824	305,001
BRISTOL.....	687	19,699	26	97,747	155	1,557
CENTRAL FALLS.....	7,519	18,394	245	3,234	43	8,248
CRANSTON.....	134	30,382	2,414	5,517		20,052
CUMBERLAND.....	2,661	13,033	10		11	85
EAST PROVIDENCE.....	3,739	51,337	1,058	86,203	24	5,488
NEWPORT.....	1,382	12,464	4,721	645	7,357	6,971
PAWTUCKET.....	11,514	126,442	2,354	330,645	947	98,618
PROVIDENCE.....	30,972	363,195	22,825	570,647	8,056	162,400
WARWICK.....	93	21,116	1,315			
WEST WARWICK.....	1,401	49,244	875		153	
WOONSOCKET.....	1,717	78,272	1,618	98,477	77	1,582

¹ Included in figures for fuel oils.² A minus sign (-) denotes decrease.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for five of these industries in Rhode Island are here presented.

Textiles.—The textile industries—comprising cotton manufactures, including cotton small wares and cotton lace; woolen and worsted goods; silk goods, including throwsters; knit goods; cordage and twine; felt goods; fur-felt hats; and dyeing and finishing textiles—constitute by far the most important group of industries in the state. This group, designated as "combined textiles," provided employment in 1919 to 76,352, or 54.7 per cent of the total average number of wage earners in Rhode Island, and contributed 58.3 per cent to the value of products of the state's manufacturing enterprises.

Rhode Island ranked second in 1919 among the states in value of products in the woolen and worsted goods industry; fifth in cotton goods; fifth in dyeing and finishing textiles; sixth in silk goods; and thirteenth in knit goods.

Cotton manufactures (Table 19).—This table shows for Rhode Island the quantity and cost of the principal materials used, and details as to quantity and value of products in cotton manufactures, comprising the cotton-goods, cotton small-wares, and the cotton-lace industries, for 1919, 1914, and 1909.

In 1919 the combined value of the products of the cotton-goods industry, as a whole, represented 23.7 per cent of the total value of products of all the manufacturing enterprises in the state.

The cost of materials increased 248.3 per cent between 1914 and 1919 and the value of products 256.9 per cent. Raw cotton constituted 53.3 per cent of the total cost of materials in 1919. Of the cotton consumed in 1919, 81.2 per cent was domestic and 18.8 per cent foreign, and, in 1914, 90.2 per cent domestic and 9.8 per cent foreign. The increase in quantity of foreign cotton used in 1919, as compared with 1914, was 119 per cent, and the increase in cost 383.5 per cent.

Yarns purchased in 1919 represented 29 per cent of the total cost of materials, an increase over 1914 of 144.4 per cent in quantity and 476 per cent in value. Cotton yarn predominated in 1919 with 99.2 per cent and in 1914 with 96.5 per cent of the total quantity of yarns purchased.

There was an increase from 1914 to 1919 of 64.8 per cent in quantity of silk yarns purchased and 159.3 per cent in cost; 283.6 per cent in quantity of cotton waste and 373.1 per cent in its cost.

The value of woven goods in 1919 represented 62.7 per cent of the total value of the products of the cotton

industry, and the yarns manufactured for sale 14.1 per cent. The goods designated as sheetings, muslins, and shirtings formed 50.1 per cent of the total number of square yards of cloth woven in 1919 and 34.4 per cent of the total value of the woven goods; in 1914 and 1909, respectively, 60.4 per cent and 68 per cent of the total yardage and 51.3 per cent and 57.8 per cent of the total value.

TABLE 19.—COTTON MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost	\$100,148,011	\$28,756,309	\$25,401,239
Cotton:			
Domestic—			
Pounds	113,726,389	110,357,913	101,890,174
Cost	\$41,491,054	\$15,354,914	\$13,138,735
Foreign—			
Pounds	20,378,748	12,045,334	10,800,853
Cost	\$11,887,843	\$2,458,741	\$2,030,857
Yarns, purchased:			
Pounds	33,809,903	13,750,170	13,892,230
Cost	\$29,037,005	\$5,040,890	\$5,445,031
Cotton—			
Pounds	33,337,258	13,262,085	13,263,003
Cost	\$27,587,729	\$4,212,245	\$4,051,301
Natural, artificial, and spun silk—			
Pounds	210,850	127,003	516,323
Cost	\$1,340,898	\$517,166	\$1,278,828
Other—			
Pounds	61,855	360,122	112,904
Cost	\$108,438	\$311,485	\$116,502
Cotton waste, purchased:			
Pounds	5,921,561	1,543,501	29,195,998
Cost	\$643,418	\$136,014	\$1,274,989
Starch, cost	\$311,327	\$144,189	\$116,461
Chemicals and dyestuffs, cost	\$667,367	\$449,136	\$257,997
Fuel and rent of power, cost	\$2,577,310	\$1,168,986	\$1,045,147
All other materials, cost	\$12,042,027	\$4,008,433	\$2,061,422
PRODUCTS.			
Total value	\$177,423,087	\$49,718,837	\$50,312,597
Woven goods (over 12 inches wide):			
Pounds	94,562,076	(1)	(1)
Square yards	340,789,461	351,074,615	363,133,635
Value	\$111,177,315	\$30,042,850	\$31,523,150
Sheetings—			
Pounds	16,055,207	(1)	(1)
Square yards	69,779,659	119,010,956	
Value	\$13,977,743	\$7,463,301	
Muslins—			
Pounds	15,170,052	(1)	(1)
Square yards	92,324,960	83,621,400	246,831,368
Value	\$21,050,464	\$6,246,030	\$18,212,259
Shirtings—			
Pounds	2,444,162	(1)	(1)
Square yards	11,038,632	9,389,910	
Value	\$3,254,360	\$1,706,283	
Twills, satens, etc.—			
Pounds	16,931,268	(1)	(1)
Square yards	74,851,063	74,415,258	53,871,689
Value	\$17,125,339	\$5,338,728	\$4,139,372
Velvets, corduroys, and plushes—			
Pounds	3,274,998	(1)	(1)
Square yards	5,180,230	5,457,870	3,106,639
Value	\$4,166,599	\$2,140,780	\$1,135,767
Other woven goods (over 12 inches wide):			
Pounds	40,686,389	(1)	(1)
Square yards	93,013,967	59,179,412	59,323,939
Value	\$51,602,840	\$7,147,728	\$5,035,552
Yarns, for sale:			
Pounds	28,387,208	15,744,098	19,752,920
Value	\$24,962,360	\$5,679,149	\$6,666,271
Thread:			
Pounds	4,936,512	2,675,562	3,715,469
Value	\$10,410,983	\$3,247,298	\$3,616,713
Cotton waste, for sale:			
Pounds	22,859,631	23,079,944	42,158,042
Value	\$3,095,472	\$1,325,590	\$1,084,192
All other products, value	\$27,776,957	\$9,423,950	\$6,622,271

¹ Figures not available.

The production of sheetings shows a decrease of 41.4 per cent during the 1914-1919 period in the number of square yards but an increase of 87.3 per cent in value; and muslins, an increase of 10.4 per cent in yardage and an increase of 237 per cent in value.

Velvets, corduroys, and plushes show a decrease of 5.1 per cent as compared with quantities produced in 1914 with an increase of 94.6 per cent in value.

Although there was a marked increase in the value of woven goods, there was a decrease of 4.5 per cent in the number of square yards produced in 1919 as compared with 1909 and a decrease of 1.2 per cent as compared with 1914. The values, however, increased 252.7 per cent in 1919 over 1909 and 270.1 per cent over 1914. The yardage decreased 3.3 per cent from 1909 to 1914 and the value 4.7 per cent.

Yarns manufactured for sale show an increase of 80.3 per cent in quantity as compared with 1914 and an increase of 339.5 per cent in value.

Woolen and worsted goods (Table 20).—The quantity and cost of the principal materials and the quantity and value of the chief products reported for the woolen and worsted goods industry in Rhode Island, for 1919, 1914, and 1909, are presented in Table 20. Because of the similarity of materials and products the two industries are combined in this table.

In the woolen and worsted goods industry, the cost of materials in 1919 increased 180.1 per cent over that of 1914 and the value of products 187.9 per cent.

Manufacturers of woolen and worsted goods in this state generally produce a large share of their own yarn for the manufacture of woven goods. Wool was the principal material used, being 37 per cent of the total cost of materials in 1919, 36.9 per cent in 1914, and 44.6 per cent in 1909.

In 1919 foreign wool exceeded the quantity purchased in 1914 by 6.5 per cent and the cost by 204.5 per cent; domestic wool purchased shows a decrease of 12.1 per cent in quantity and an increase of 168.6 per cent in cost.

Of the total wool consumption in 1919, that of domestic origin represents 65 per cent of the quantity and 63.2 per cent of the cost, the corresponding percentages for 1914 being 69.2 and 66.1, respectively, and for 1909, 73.5 and 67.9. The consumption of raw cotton decreased 60.3 per cent from 1914 to 1919, although the cost increased 26.7 per cent. During the same period there was an increase of 6 per cent in the quantity of cotton yarn purchased, with an increase of 182.6 per cent in cost; in woolen yarns, an increase of 656.3 per cent in quantity and 1,432.4 per cent in cost; in worsted yarns, a decrease of 20.9 per cent in quantity and an increase of 151.5 per cent in cost.

There was a marked increase in the use of spun silk yarn. In 1919 there was a decrease of 78 per cent in the quantity of reeled silk yarn purchased over that purchased in 1914 and an increase of 144.9 per cent in the quantity of spun silk yarn purchased.

TABLE 20.—WOOLEN AND WORSTED GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$116,914,778	\$41,734,799	\$51,025,376
Wool:			
Foreign (in condition purchased)—			
Pounds.....	20,522,224	19,274,628	20,873,809
Cost.....	\$15,918,384	\$5,227,316	\$7,300,286
Domestic (in condition purchased)—			
Pounds.....	38,114,858	43,352,801	58,108,445
Cost.....	\$27,357,533	\$10,185,240	\$15,468,437
Cotton:			
Pounds.....	383,396	964,914	579,139
Cost.....	\$179,402	\$141,648	\$99,832
Recovered wool fiber:			
Pounds.....	1,458,951	1,720,113	1,546,464
Cost.....	\$583,717	\$200,621	\$259,829
Wool and other waste and noils:			
Pounds.....	14,566,402	2,075,203	2,578,085
Cost.....	\$5,994,224	\$471,491	\$339,339
Tops, purchased:			
Pounds.....	12,083,309	10,221,069	10,406,834
Cost.....	\$22,798,688	\$6,516,989	\$7,887,543
Yarns, purchased:			
Woolen—			
Pounds.....	892,410	117,991	273,926
Cost.....	\$1,188,712	\$77,572	\$143,015
Worsted—			
Pounds.....	11,790,315	14,907,573	18,408,174
Cost.....	\$28,729,209	\$11,422,456	\$11,987,111
Cotton—			
Pounds.....	2,511,128	2,369,712	5,479,701
Cost.....	\$2,217,868	\$734,833	\$1,530,130
Silk—			
Pounds.....	15,980	72,537	27,191
Cost.....	\$208,689	\$367,430	\$150,824
Spun silk—			
Pounds.....	93,119	38,025	18,376
Cost.....	\$751,589	\$173,149	\$71,649
Chemicals and dyestuffs, cost.....	\$2,881,815	\$1,178,516	\$1,536,824
Fuel and rent of power, cost.....	\$2,122,558	\$1,010,906	\$906,026
All other materials, cost.....	\$7,982,340	\$3,917,632	\$2,846,531
PRODUCTS.			
Total value.....	\$175,312,358	\$60,888,755	\$74,600,240
All-wool woven goods, whether woolen or worsted:			
Woolen cloth for men's wear—			
Square yards.....	5,819,508		4,716,866
Value.....	\$3,539,562		\$3,430,215
Woolen overcoatings, etc.—		5,163,182	
Square yards.....	2,405,790	\$3,106,090	178,227
Value.....	\$4,062,213		\$120,488
Worsted coatings, etc., for men's wear—			
Square yards.....	29,236,485		30,517,066
Value.....	\$4,305,656		\$24,280,705
Worsted dress goods, cashmeres, bunnings, etc.—		41,538,522	
Square yards.....	12,847,406	\$29,019,070	118,069,251
Value.....	\$22,305,519		\$8,096,724
All other—			
Square yards.....	489,750	12,228	179,581
Value.....	\$881,159	\$7,794	\$121,728
Goods woven on cotton warps, etc.:—			
Worsted-filling cassimeres, jeans, etc.—			
Square yards.....	(2)		8,453,778
Value.....	(2)		\$5,030,340
Worsted-filling dress goods, etc.—		9,545,888	
Square yards.....	5,983,913	\$3,251,084	7,187,038
Value.....	\$4,034,123		\$2,275,346
All other—			
Square yards.....	3,040,692	5,308,816	5,140,513
Value.....	\$2,418,090	\$1,782,482	\$2,303,847
Partly manufactured goods, for sale:			
Woolen yarn, all wool—			
Pounds.....	3,267,054	783,946	661,234
Value.....	\$6,048,161	\$391,831	\$368,165
Merino yarn—			
Pounds.....	816,278	1,604,059	534,654
Value.....	\$1,047,361	\$1,055,346	\$225,317
Worsted yarn and tops—			
Pounds.....	20,770,127	20,771,249	24,285,265
Value.....	\$54,572,706	\$18,652,542	\$23,410,014
Noils—			
Pounds.....	5,003,798	3,283,790	5,199,661
Value.....	\$3,573,859	\$940,435	\$1,810,094
Waste—			
Pounds.....	3,670,600	5,177,162	7,106,426
Value.....	\$1,621,021	\$902,003	\$1,310,779
Amount received for contract work.....	\$2,429,058	\$678,674	\$366,622
All other products, value ¹	\$8,213,871	\$1,101,395	\$1,428,856

¹ Includes cotton waste, silk waste, and silk noils, not reported separately in 1914 and 1909.

² Included in all other goods woven on cotton warps, to avoid disclosing individual operations.

³ Includes wool and cotton mixed woven goods, to avoid disclosing individual operations.

Establishments engaged primarily in the manufacture of woollen goods reported, in 1919, products valued at 459.5 per cent more than those reported in 1914. During the same five-year period the worsted-goods industry shows an increase of 169 per cent.

The production of all-wool woollen and worsted cloth in 1919 shows an increase of 8.7 per cent over the yardage reported in 1914 and an increase of 180.6 per cent in value. Cotton-warp woven goods increased 28.2 per cent in value of production from 1914 to 1919, although it decreased 39.2 per cent in the number of square yards produced. To avoid the possibility of disclosing individual operations, statistics representing the quantity and value of wool and cotton-mixed woven goods are not published separately.

Woollen yarn produced for sale shows an increase in quantity of 327.7 per cent from 1914 to 1919 and a corresponding increase in value of 1,596.7 per cent; merino yarn a decrease in quantity of 49.1 per cent but an increase in value of 56.1 per cent. Noils produced for sale show the considerable increase in 1919 of 52.4 per cent over the quantity reported in 1914 and 280 per cent increase in value.

Silk goods (Table 21).—This table shows the cost of the principal materials used in the silk-goods industry in Rhode Island, and the total value of products for 1919, 1914, and 1909. The total cost of materials used in this industry increased 215.7 per cent in 1919 as compared with 1914.

In 1919 raw silk represented 39 per cent of the total cost of materials and spun silk 18.5 per cent; in 1914 these materials represented 34.7 per cent and 6.8 per cent, respectively. From 1914 to 1919, there was a decrease of 57.2 per cent in the total quantity of purchased cotton yarn, but an increase of 81.5 per cent in the cost. In 1919, 51 per cent more raw silk and 299.7 per cent more spun silk was used than in 1914, and 57.2 per cent less of cotton yarn.

TABLE 21.—SILK MANUFACTURES: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$16,814,873	\$5,326,594	\$3,187,685
Silk:			
Raw—			
Pounds.....	808,948	535,613	483,330
Cost.....	\$6,561,401	\$1,850,707	\$2,173,458
Spun—			
Pounds.....	521,040	130,342	73,816
Cost.....	\$3,117,169	\$363,934	\$176,113
Yarns purchased:			
Cotton—			
Pounds.....	783,383	1,830,922	1,421,229
Cost.....	\$907,942	\$500,348	\$404,141
Fuel and rent of power, cost.....	\$282,151	\$55,438	\$36,091
All other materials, cost.....	\$5,946,210	\$2,656,167	\$398,882
PRODUCTS.			
Total value.....	\$27,219,238	\$7,664,472	\$4,584,431

The total value of silk goods manufactured in the state in 1919 shows an increase of 255.1 per cent over

the value reported in 1914. The principal product was broad silk, but detailed statistics of products can not be shown without the possibility of disclosing individual operations.

Knit goods (Table 22).—This table shows in detail the quantity and cost of the principal materials used in the knit-goods industry in Rhode Island, and the quantity and value of the various products for 1919, 1914, and 1909.

The total cost of materials in 1919, as compared with 1914, increased 207.3 per cent and the value of products 184.8 per cent.

Cotton yarn, the principal material used in this industry, constituted in 1919, 84.3 per cent of the total number of pounds of yarns purchased, and in 1914, 80.2 per cent; and 51.8 per cent and 41.9 per cent, respectively, of the total cost of materials.

Worsted yarn shows a slight decrease, 8.5 per cent, in quantity over that of 1914, and merino, an increase of 118.4 per cent.

In 1919, as compared with 1914, there was a decrease of 13 per cent in the number of dozen pairs of hose, and of half hose a decrease of 12.6 per cent; the values, on the other hand, show an increase for hose of 75.7 per cent and for half hose 138.1 per cent.

In knitted underwear there was an increase in production, combination, or union suits, showing a gain of 74.3 per cent in 1919 over that for 1914.

TABLE 22.—KNIT GOODS: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$7,389,116	\$2,404,602	\$2,444,457
Yarns, not made in mill:			
Cotton—			
Pounds.....	14,747,455	13,472,110	4,609,892
Cost.....	\$3,824,966	\$1,008,383	\$1,220,424
Worsted—			
Pounds.....	609,028	665,977	587,037
Cost.....	\$1,592,792	\$667,144	\$686,017
Merino—			
Pounds.....	187,761	85,966	314,648
Cost.....	\$423,770	\$57,816	\$146,544
Silk and spun silk—			
Pounds.....	84,998	104,946	22,900
Cost.....	\$651,422	\$402,979	\$84,955
Chemicals and dyestuffs, cost.....	\$53,771	\$18,794	\$32,160
Fuel and rent of power, cost.....	\$58,003	\$43,623	\$29,795
All other materials, cost.....	\$784,392	\$205,913	\$244,562
PRODUCTS.			
Total value.....	\$11,936,319	\$4,191,841	\$3,865,792
Hose:			
Dozen pairs.....	277,070	318,499	428,551
Value.....	\$2,389,984	\$1,360,549	\$1,024,802
Half hose:			
Dozen pairs.....	228,500	261,585	125,648
Value.....	\$1,080,269	\$463,048	\$220,280
Shirts and drawers:			
Dozens.....	181,693	145,275	199,907
Value.....	\$1,050,359	\$497,759	\$830,977
Union suits:			
Dozens.....	146,337	83,975	111,190
Value.....	\$1,492,555	\$697,460	\$564,401
Jersey cloth and stockinette:			
Square yards.....	12,269,191	455,911	505,889
Value.....	\$4,773,539	\$277,221	\$206,609
All other products, value.....	\$1,140,607	\$905,214	\$1,028,923

¹ Includes mercerized cotton.

² Includes artificial silk yarn.

³ Includes silk hose and half hose.

The great demand for knitted cloth in 1919 is evidenced by an increase of 2,591.1 per cent in the number of square yards produced, as compared with 1914, and an increase in value of 1,621.9 per cent. This cloth, in 1919, represented 40 per cent of the total value of products of the knit-goods industry in the state, and but 6.6 per cent in 1914.

Machinery used in textile mills (Table 23).—The number of producing spindles reported in 1919, in the four principal subdivisions of the textile industry shows an increase of 8.3 per cent over 1914.

In 1919, 80.6 per cent of the total number of producing spindles was reported by the cotton-goods industry, an increase of 6.5 per cent over 1914; woolen and worsted goods, with 17.8 per cent of the total number, increased 12.2 per cent; silk goods, with 1.5 per cent of the total, increased 147.4 per cent; knit goods, on the other hand, showed a decrease of 64.4 per cent during this period.

The total number of active looms shows a slight increase, 1.9 per cent, from 1914 to 1919, but the silk-goods industry shows an increase of 98 per cent.

The woolen and worsted goods industry in 1919, as compared with 1914, shows an increase of 32.7 per cent in the number of woolen cards (sets), but a decrease of 26.2 per cent in the number of combing machines.

TABLE 23.—MACHINERY USED IN TEXTILE MILLS: 1919, 1914, AND 1909.

MACHINE.	Census year.	Total.	Cotton goods, including cotton small wares.	Woolen and worsted goods.	Knit goods.	Silk goods, including throwsters.
Producing spindles.....	1919	3,171,480	2,557,787	565,790	1,440	48,463
	1914	2,927,949	2,400,915	504,213	4,040	18,780
	1909	2,331,816	2,368,689	450,127	1,280	7,720
Looms.....	1919	168,301	52,826	9,355	—	8,190
	1914	69,972	53,076	10,251	—	3,045
	1909	81,093	69,330	9,252	—	2,511
Knitting machines.....	1919	2,024	—	—	2,024	—
	1914	1,884	—	—	1,884	—
	1909	1,669	—	—	1,669	—
Woolen cards (sets).....	1919	275	—	272	3	—
	1914	218	—	205	13	—
	1909	309	—	305	4	—
Combing machines.....	1919	385	—	385	—	—
	1914	522	—	522	—	—
	1909	461	—	461	—	—

¹ Includes 1,906 webbing and ribbon looms and 90 idle looms.

² Includes 1,906 webbing and ribbon looms, not reported separately in 1914.

³ Includes 90 looms idle entire year.

⁴ Includes 212 machines idle entire year.

Printing and publishing (Table 24).—This table gives statistics as to the number and aggregate circulation per issue of all newspapers and periodicals published in Rhode Island in 1919, 1914, and 1909.

The increase in the circulation of all publications for the five-year period from 1914 to 1919 was 10.9 per cent. For the decade the increase was 45.4 per cent.

Of the daily papers, 9, with a circulation of 153,795, were published in the afternoon. Their increase in circulation for the five-year period from 1914 to 1919 was 22.6 per cent, and for the decade, 32.1 per cent.

The decrease in the circulation of weekly papers is due to the disappearance of a number of English weeklies, to the discontinuance of a German weekly of considerable circulation, and to the diminished circulation of other foreign weeklies.

Of the publications reported in 1919, 7, with a circulation of 44,600, were printed in foreign languages—a decrease of 8,900, or 16.6 per cent, since 1914. The number of these publications was the same at each census, but the number printed in each language was different. A German weekly was discontinued but the number was made good by a new Italian weekly. In French there were 1 afternoon daily, 2 weeklies, and 1 monthly publication; and in Italian, 3 weeklies.

TABLE 24.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	43	53	47	369,915	333,006	254,493
Daily and Sunday ¹	15	14	14	255,498	194,316	191,670
Semiweekly.....	3	3	3	3,567	4,447	5,810
Weekly.....	16	22	21	25,460	48,928	34,013
Monthly ²	9	14	9	85,400	86,005	23,000

¹ Includes 3 Sunday papers in 1919 and 2 in 1914 and 1909.

² Includes 1 quarterly, 1 semimonthly, and 1 bimonthly in 1914 and 1 semimonthly in 1909.

Laundries (Table 25).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 25, however, summarizes the statistics for such laundries in the state of Rhode Island for 1919 and 1914.

TABLE 25.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, 1914-1919.
	1919	1914	
Number of establishments.....	70	66	—
Persons engaged.....	1,272	1,402	-9.3
Proprietors and firm members.....	87	70	—
Salaried employees.....	150	140	7.1
Wage earners (average number).....	1,035	1,192	-13.2
Primary horsepower.....	2,257	1,829	23.4
Capital.....	\$1,181,827	\$684,194	72.7
Salaries and wages.....	1,006,708	679,735	48.1
Salaries.....	201,405	135,280	48.9
Wages.....	805,303	544,455	47.9
Paid for contract work.....	4,040	1,974	104.7
Rent and taxes.....	44,282	34,436	28.6
Cost of materials.....	457,898	230,604	98.6
Amount received for work done.....	2,154,652	1,260,942	70.9

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

Dyeing and cleaning (Table 26).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 26.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	7
Persons engaged.....	174
Proprietors and firm members.....	7
Salaried employees.....	46
Wage earners (average number).....	121
Primary horsepower.....	132
Capital.....	\$226,928
Salaries and wages.....	155,867
Salaries.....	58,883
Wages.....	96,984
Paid for contract work.....	168
Rent and taxes.....	5,852
Cost of materials.....	61,238
Amount received for work done.....	388,639

Custom sawmills (Table 27).—Statistics for custom sawmills are not included in the general tables nor in the totals for manufacturing industries. Data for these custom mills were not collected in 1914. Table 27, however, summarizes the statistics for such mills for 1919 and 1909. The value of products for custom sawmills represents the amount charged for the work performed.

TABLE 27.—CUSTOM SAWMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	6	11	—45.5
Persons engaged.....	9	26	—65.4
Proprietors and firm members.....	6	12	—50.0
Wage earners (average number).....	3	14	—78.6
Primary horsepower.....	230	410	—43.9
Capital.....	\$9,935	\$19,500	—48.1
Wages.....	2,890	7,191	—59.8
Rent and taxes.....	83	77	7.8
Cost of materials.....	646	897	—20.0
Amount received for work done.....	5,557	15,290	—63.7

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100.

GENERAL TABLES.

Table 28 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state and in Pawtucket and Providence, and for the cities having from 10,000 to 50,000 inhabitants, for which comparable figures are available, similar data for all industries combined.

Table 29 presents, for 1919, for the state as a whole and for Pawtucket and Providence, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for each of the nine cities in the state having from 10,000 to 50,000 inhabitants.

MANUFACTURES—RHODE ISLAND.

TABLE 28.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1919	2,466	139,665	321,016	137,495	415,989	747,323	Jewelry.....	1919	288	10,579	4,304	9,352	20,976	48,596
	1914	2,190	113,425	269,854	59,368	162,425	279,546		1914	291	8,778	4,410	4,770	11,209	21,522
	1909	1,951	113,538	226,740	55,234	158,192	280,344		1909	296	9,511	2,425	4,761	9,788	20,685
Automobile bodies and parts.	1919	18	170	280	193	204	685	Jewelry and instrument cases.	1919	7	359	175	238	351	831
	1914	5	15	6	8	18	45		1914	4	281	83	116	155	318
Boxes, paper and other, not elsewhere specified.	1919	13	456	179	291	286	812	Knit goods.....	1919	26	1,983	1,261	1,561	7,389	11,936
	1914	12	499	144	172	298	626		1914	23	2,030	1,802	887	2,405	4,182
	1909	9	496	128	158	109	499		1909	17	1,774	1,626	635	2,444	3,866
Brass and bronze products....	1919	18	426	1,250	466	1,853	2,976	Liquors, malt.....	1919	5	398	3,522	544	1,020	5,933
	1914	19	123	149	76	210	577		1914	8	511	3,266	472	1,599	2,918
	1909	18	225	350	118	549	828		1909	9	450	2,055	384	1,188	3,579
Bread and other bakery prod- ucts.	1919	248	1,166	1,155	1,315	6,138	9,883	Lumber and timber products ¹	1919	63	706	3,918	753	1,487	2,977
	1914	204	1,112	739	693	2,320	4,017		1914	53	779	3,043	490	1,086	2,062
	1909	187	1,055	757	659	2,471	3,937		1909	57	748	2,828	437	1,064	1,907
Confectionery and ice cream..	1919	87	292	1,050	277	1,461	2,368	Marble and stone work.....	1919	44	321	1,650	403	391	1,174
	1914	66	304	528	192	857	1,463		1914	46	658	1,841	453	286	955
	1909	62	344	221	341	666	1,304		1909	46	600	1,754	451	249	1,033
Copper, tin, and sheet-iron products. ¹	1919	48	437	246	465	933	1,869	Mineral and soda waters.....	1919	42	134	171	140	368	769
	1914	62	549	221	341	666	1,304		1914	46	138	110	72	130	314
	1909	41	377	179	218	452	932		1909	37	107	94	56	110	259
Cordage and twine.....	1919	5	125	589	92	449	645	Paper goods, not elsewhere specified. ²	1919	6	263	1,213	240	856	1,664
	1914	5	134	398	52	179	279		1914	10	329	1,424	173	941	1,491
	1909	5	126	402	45	169	247		1909	10	302	984	140	902	1,353
Cotton goods, including cotton small wares. ²	1919	132	36,336	120,895	33,218	100,148	177,423	Printing and publishing ³	1919	155	1,650	2,140	1,815	2,218	7,326
	1914	102	20,483	110,289	13,785	28,756	49,719		1914	162	1,515	2,587	1,044	1,162	4,283
	1909	106	28,786	95,278	11,797	25,401	50,313		1909	147	1,454	1,944	956	1,064	3,780
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	67	9,319	28,920	9,357	20,927	42,258	Rubber tires, tubes, and rub- ber goods, not elsewhere specified.	1919	6	2,117	5,803	1,947	7,599	15,867
	1914	47	7,928	25,539	3,968	8,764	16,301		1914	6	1,541	3,350	821	4,062	6,089
	1909	45	7,792	21,179	3,616	5,319	13,956		1909	5	774	1,075	320	2,075	3,143
Dyestuffs and extracts—nat- ural.	1919	14	66	686	75	666	1,024	Shipbuilding, wooden, includ- ing boat building.	1919	14	253	562	351	296	864
	1914	7	91	729	52	512	793		1914	13	86	363	61	43	159
	1909	10	87	689	82	632	928	Silk goods.....	1919	30	4,150	7,224	4,161	16,815	27,219
Electrical machinery, appa- ratus, and supplies.	1919	13	1,513	3,087	1,346	3,127	7,567		1914	12	2,325	3,509	1,192	5,327	7,664
	1914	13	1,581	3,638	734	3,793	5,468		1909	13	1,685	2,818	788	3,188	4,584
	1909	12	1,601	2,837	678	4,695	6,410	Slaughtering and meat pack- ing. ⁷	1919	37	332	828	342	7,594	8,678
Electroplating.....	1919	23	221	166	199	614	1,044		1914	23	265	490	155	4,889	5,470
	1914	21	161	136	89	201	402		1909	21	214	428	122	2,794	3,156
	1909	19	159	165	81	158	323	Soap.....	1919	8	117	235	99	1,256	1,944
Fancy articles, not elsewhere specified.	1919	15	348	203	275	671	1,317		1914	12	167	461	85	929	1,539
	1914	9	117	63	58	98	233		1909	9	168	402	70	939	1,248
	1909	3	11	7	4	14	33	Suspenders, garters, and elas- tic woven goods.	1919	10	892	1,722	754	2,569	4,261
Flour-mill and gristmill prod- ucts.	1919	25	29	1,253	34	978	1,133		1914	6	621	1,528	302	734	1,222
	1914	20	74	1,062	20	690	798		1909	6	560	532	279	792	1,387
	1909	18	39	1,046	22	700	886	Tobacco, cigars and cigarettes	1919	48	177	4	165	217	583
Foundry and machine-shop products. ³	1919	274	16,322	24,129	19,624	16,217	57,905		1914	43	228	140	138	412
	1914	182	10,728	13,888	6,933	7,110	19,373		1909	64	267	6	179	105	534
	1909	141	10,937	11,033	6,900	8,014	20,612	Tools, not elsewhere specified.	1919	37	521	566	556	388	1,509
Gas, illuminating and heating.	1919	4	670	2,335	334	2,073	4,478		1914	19	199	177	123	53	275
	1914	6	605	1,731	477	884	2,462		1909	17	144	96	82	54	217
	1909	8	412	719	303	530	1,833	Wood, turned and carved.....	1919	10	375	469	341	453	1,008
Gold and silver, reducing and refining, not from the ore.	1919	17	60	160	70	3,034	3,409		1914	10	175	410	93	88	219
	1914	15	73	247	52	2,960	3,290		1909	16	219	526	92	127	276
	1909	15	82	270	57	4,171	4,442	Woolen and worsted goods....	1919	88	24,393	58,918	23,634	116,915	175,312
Grease and tallow, not includ- ing lubricating greases.	1919	4	117	421	99	746	1,165		1914	80	22,745	50,206	11,867	41,735	60,689
	1914	4	114	312	80	318	493		1909	88	24,924	43,715	11,538	51,025	74,600
	1909	5	125	317	79	664	966	All other industries.....	1919	510	20,943	37,457	20,889	59,189	107,923
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1919	7	920	1,870	985	1,117	2,968		1914	519	15,628	29,671	8,423	26,325	47,882
	1914	5	945	1,298	338	389	988		1909	434	16,308	27,531	8,544	25,346	45,852
	1909	5	770	1,055	430	614	1,341								

¹ Includes "stamped ware, not elsewhere specified"; and "tinware, not elsewhere specified."² Includes "cotton lace."³ Includes "automobile repairing"; "gas and water meters"; "hardware"; "iron and steel, tempering, welding, etc."; "machine tools"; "plumbers' supplies, not elsewhere specified"; "steam fittings and steam and hot-water heating apparatus"; "structural ironwork, not made in steel works or rolling mills"; and "textile machinery and parts," in all years; and "engines, steam, gas, and water," in 1914 and 1909.⁴ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "window and door screens" in 1914 and 1909.⁵ Includes "cardboard, not made in paper mills," in 1914 and 1909.⁶ Includes "bookbinding and blank-book making"; and "engraving, steel and copper plate, including plate printing."⁷ Includes "sausage, not made in slaughtering and meat-packing establishments."

TABLE 28.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Contd.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
PAWTUCKET.....	1919	284	24,446	56,681	23,838	77,473	135,518	PROVIDENCE--Cont'd.							
All industries.	1914	235	16,713	36,148	8,564	24,904	42,029	Confectionery and ice cream..	1919	31	195	576	179	983	1,598
	1909	217	15,275	29,510	7,255	21,540	37,696		1914	22	195	264	91	528	791
Brass and bronze products....	1919	5	102	256	104	320	495	Copper, tin, and sheet-iron products. ⁴	1919	29	355	202	368	805	1,538
	1914	3	26	39	14	46	91		1914	39	404	205	252	532	990
Bread and other bakery products.	1919	22	143	75	147	654	1,001		1909	27	319	166	176	395	784
	1914	20	116	63	72	234	386	Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	11	1,930	7,767	2,013	7,458	10,988
	1909	16	95	64	53	252	365		1914	7	1,540	5,251	791	2,314	3,641
Cotton goods, including cotton small wares ¹ .	1919	32	12,033	26,975	11,459	38,202	63,602		1909	8	1,507	5,222	706	1,063	2,521
	1914	26	7,396	17,085	8,443	7,677	13,461	Electrical machinery, apparatus, and supplies.	1919	9	953	1,020	848	1,287	3,138
	1909	23	7,045	10,524	8,039	7,567	14,338		1914	8	578	304	540	1,088	1,879
Dyeing and finishing textiles, exclusive of that done in textile mills.	1919	16	1,574	3,588	1,746	3,618	7,143	Foundry and machine-shop products. ⁵	1919	117	9,821	14,384	11,983	8,260	33,292
	1914	13	1,308	3,181	677	1,693	2,902		1914	98	6,549	8,113	4,367	3,796	11,192
Foundry and machine-shop products. ²	1919	31	2,128	2,599	2,574	2,418	7,648		1909	85	7,708	7,208	4,966	5,235	14,485
	1914	21	1,671	1,961	1,022	933	2,815	Gold and silver, reducing and refining, not from the ore.	1919	17	60	160	70	3,034	3,409
	1909	20	1,243	1,191	757	841	2,250		1914	15	73	247	52	2,960	3,290
Jewelry.....	1919	7	209	94	201	303	854		1909	15	82	270	57	4,171	4,442
	1914	9	280	310	177	257	557	Jewelry.....	1919	273	10,232	4,191	9,049	26,557	47,448
	1909	7	204	75	84	199	385		1914	277	8,479	4,089	4,585	10,943	20,934
Lumber, planing-mill products, not including planing mills connected with sawmills.	1919	7	155	500	184	429	759		1909	282	9,176	2,340	4,651	9,534	20,166
	1914	7	278	600	183	426	798	Knit goods.....	1919	8	779	337	603	1,072	3,069
	1909	8	258	567	161	469	723		1914	7	816	648	384	785	1,566
Printing and publishing ³	1919	17	266	252	251	329	1,034	Lumber, planing-mill products, not including planing mills connected with sawmills. ⁶	1919	10	204	1,290	267	447	1,013
	1914	12	147	202	113	130	436		1914	13	256	783	186	321	653
	1909	12	123	186	89	104	388		1909	17	348	1,081	203	430	840
All other industries.....	1919	147	7,236	22,342	7,172	31,200	52,982	Printing and publishing ⁷	1919	91	1,146	1,683	1,334	1,084	5,464
	1914	124	5,491	12,707	2,863	13,508	20,583		1914	109	1,150	2,105	795	908	3,337
	1909	131	6,247	10,903	3,072	12,108	19,247		1909	90	1,104	1,920	735	828	2,860
PROVIDENCE	1919	1,274	53,372	84,116	53,178	140,327	267,629	Sausage, not made in slaughtering and meat-packing establishments.	1919	10	59	251	75	1,529	1,738
All industries.	1914	1,207	44,176	65,041	24,482	63,970	115,335		1914	8	68	122	46	776	903
	1909	1,080	40,381	50,410	24,449	64,770	120,241		1909	6	25	90	17	87	192
Boxes, paper and other, not elsewhere specified.	1919	7	344	134	199	104	557	Tools, not elsewhere specified.	1919	28	309	245	322	305	832
	1914	7	392	123	136	237	499		1914	15	158	114	100	41	227
	1909	6	332	123	120	121	374		1909	14	116	79	65	39	173
Brass and bronze products....	1919	7	54	57	67	249	504	Woolen and worsted goods ⁸ ..	1919	19	9,139	21,764	8,185	33,098	55,335
	1914	13	88	91	57	158	471		1914	18	8,792	18,497	4,537	13,351	20,847
	1909	11	121	98	70	345	477		1909	20	10,614	17,036	4,878	20,439	29,926
Bread and other bakery products.	1919	121	630	809	720	3,640	5,916	All other industries.....	1919	480	17,102	28,646	16,896	48,616	91,700
	1914	96	651	537	404	1,388	2,437		1914	455	13,980	23,214	7,415	23,792	42,469
	1909	87	598	564	392	1,473	2,381		1909	406	13,903	18,749	7,227	20,237	39,741

CITIES OF 10,000 TO 50,000 INHABITANTS--ALL INDUSTRIES COMBINED.															
CENTRAL FALLS.....	1919	67	3,922	8,770	4,082	11,999	22,628	NEWPORT.....	1919	87	1,032	1,392	1,067	1,689	4,167
	1914	45	3,077	6,037	1,456	3,784	6,748		1914	89	893	1,339	632	860	2,299
	1909	43	2,475	4,992	1,021	3,381	5,471		1909	54	726	869	480	570	1,379
CRANSTON.....	1919	55	2,657	6,651	2,816	5,764	13,694	WARWICK ⁹	1919	26	1,370	5,845	1,434	3,774	7,045
	1914	39	2,218	5,473	1,361	3,770	6,706		1914	19	932	2,887	511	782	1,578
	1909	28	1,711	3,707	1,003	2,887	5,625		1909	49	6,471	22,041	2,803	5,394	10,589
CUMBERLAND.....	1919	26	2,918	10,146	3,000	7,388	15,999	WEST WARWICK ¹⁰	1919	39	4,619	17,725	4,595	13,275	22,164
	1914	23	2,958	10,156	1,558	3,483	5,966		1914	39	5,607	21,689	2,618	6,159	10,078
	1909	29	5,369	15,112	2,231	4,618	9,827	WOONSOCKET.....	1919	190	14,387	34,827	14,193	60,907	93,547
EAST PROVIDENCE.....	1919	37	2,283	9,613	2,526	12,094	17,691		1914	157	10,952	35,707	5,303	17,056	28,115
	1914	38	1,900	9,424	1,003	4,908	7,000		1909	130	10,703	23,871	4,908	10,762	28,219
	1909	26	2,041	7,123	932	5,061	7,146								

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

CENTRAL FALLS	1919	67	3,922	8,770	4,082	11,999	22,628	NEWPORT	1919	87	1,032	1,892	1,067	1,689	4,167
	1914	45	3,077	6,037	1,486	3,784	6,748		1914	89	893	1,339	632	860	2,299
	1909	43	2,475	4,992	1,021	3,381	5,471		1909	54	726	869	480	570	1,379
CRANSTON	1919	55	2,657	6,651	2,816	5,754	13,094	WARWICK ⁷	1919	26	1,379	5,845	1,434	3,782	7,045
	1914	39	2,213	5,473	1,361	3,770	6,708		1914	19	982	2,837	511	774	1,578
	1909	28	1,711	3,707	1,008	2,887	5,625		1909	49	6,471	22,041	2,808	5,394	10,589
CUMBERLAND	1919	26	2,918	10,146	3,000	7,338	15,999	WEST WARWICK ¹⁰	1919	39	4,919	17,725	4,695	13,278	22,164
	1914	23	2,858	10,150	1,558	3,498	5,966		1914	39	5,607	21,689	2,618	6,159	10,078
	1909	29	5,369	15,112	2,231	4,618	9,827	WOONSOCKET	1919	190	14,387	34,827	14,193	60,997	93,547
EAST PROVIDENCE	1919	37	2,288	9,613	2,526	12,094	17,591		1914	167	10,952	35,707	5,303	17,056	28,115
	1914	38	1,906	8,424	1,003	4,908	7,000		1909	130	10,703	23,671	4,908	10,762	28,219
	1909	26	2,041	7,123	932	5,061	7,146								

¹ Includes "cotton lace."² Includes "hardware," "machine tools," and "textile machinery and parts" in all years, and "automobile repairing" in 1919.³ Includes "bookbinding and blank-book making."⁴ Includes "stamped ware, not elsewhere specified," and "tinware, not elsewhere specified."⁵ Includes "automobile repairing," "hardware," "iron and steel, tempering, welding, etc.," "machine tools," "plumbers' supplies, not elsewhere specified," "steam fittings and steam and hot-water heating apparatus," "structural ironwork, not made in steel works or rolling mills," and "textile machinery and parts," in all years; "engines, steam, gas, and water," in 1914; and "gas and water meters" in 1919 and 1914.⁶ Includes "boxes, wooden packing, except cigar boxes," in all years; and "window and door screens and weather strips" in 1914 and 1909.⁷ Includes "bookbinding and blank-book making," and "engraving, steel and copper plate, including plate printing."⁸ Includes "hats, wool-felt," in 1914.⁹ Totals for 1914 as published at that census included those for West Warwick.¹⁰ In 1914 the totals for West Warwick were not shown separately but were included with those for Warwick.

MANUFACTURES—RHODE ISLAND.

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.		Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
			Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
						Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
									Maximum month.							Minimum month.
All industries.....		2,466	156,012	2,124	4,474	5,243	4,506	139,635	Do 152,036	Fe 126,903	(3)	(3)	(3)	(3)	(3)	Dollars. 594,337,448
1	Artificial stone products.....	12	50	18	4	1	.....	27	Je 33	Ja 16	35	35	.....	.....	.....	75,833
2	Automobile bodies and parts.....	18	225	17	15	3	11	179	Do 203	Fe 151	208	196	12	.....	.....	489,787
3	Automobile repairing.....	99	493	104	14	7	19	349	Je 381	Ja 319	341	340	1	.....	.....	551,187
4	Awnings, tents, and sails.....	5	48	6	4	5	3	30	Je 53	De 13	25	11	14	.....	.....	86,167
5	Belting, leather.....	6	38	1	7	.....	5	25	De 28	Fe 23	28	28	.....	.....	.....	176,653
6	Bookbinding and blank-book making.....	6	37	5	5	4	2	21	Je 31	Ap 18	23	14	9	.....	.....	75,468
7	Boot and shoe findings.....	9	121	6	8	10	6	91	De 102	Jy 82	100	42	56	2	.....	216,995
8	Boxes, paper and other, not elsewhere specified.....	13	499	9	15	5	14	456	.....	.....	524	121	334	23	46	556,837
9	Set-up paper boxes.....	9	455	5	14	4	14	418	De 481	Ap 345	481	106	316	18	41	491,369
10	Shipping containers, cans and tubes.....	4	44	4	1	1	.....	38	Oc 40	Ja 35	43	15	18	5	5	65,468
11	Boxes, wooden packing, except cigar boxes.....	13	275	10	10	3	5	247	De 275	Mh 219	275	274	.....	1	.....	778,206
12	Brass and bronze products.....	18	481	18	15	11	11	426	Fe 500	Jy 384	397	371	19	4	3	1,666,978
13	Bread and other bakery products.....	248	1,760	303	22	161	108	1,166	Je 1,207	Mh 1,125	1,224	1,095	119	7	3	2,761,915
14	Brooms, from broom corn.....	7	20	7	.....	.....	.....	13	Oc 14	Ja 12	14	14	.....	.....	.....	19,692
15	Brushes.....	7	97	11	4	.....	3	79	De 89	Ja 73	89	31	47	4	7	97,984
16	Buttons.....	3	40	3	2	2	1	5	My 6	Ap 3	5	4	1	.....	.....	124,247
17	Card cutting and designing.....	5	133	4	5	2	6	33	My 39	No 28	29	18	10	.....	1	89,363
18	Carriage and wagon materials.....	3	10	4	.....	.....	.....	117	De 136	Ja 94	136	67	64	2	3	127,227
19	Carriages and wagons, including repairs.....	25	103	25	6	.....	4	68	(5)	(5)	6	6	6	.....	.....	32,675
20	Carriages and wagons.....	9	53	7	4	.....	3	39	Mh 47	De 31	32	32	.....	.....	.....	133,073
21	Repair work only.....	16	50	18	2	.....	1	29	Ap 33	De 25	24	24	.....	.....	.....	69,484
22	Cars and general shop construction and repairs by electric-railroad companies.....	4	249	.....	3	10	1	235	Ap 247	Jy 203	239	239	.....	.....	.....	63,589
23	Cars and general shop construction and repairs by steam-railroad companies.....	4	354	.....	1	1	1	351	My 368	Oc 326	330	330	.....	.....	.....	758,637
24	Chemicals.....	4	290	.....	9	1	2	287	Au 319	Ja 256	298	272	26	.....	.....	194,138
25	Cleansing and polishing preparations.....	6	9	5	.....	.....	.....	4	.....	.....	4	3	.....	1	.....	1,297,118
26	Cleansing preparations.....	3	7	2	.....	.....	.....	4	(5)	(5)	4	4	.....	.....	.....	31,239
27	Metal polish.....	3	2	3	.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....	2,425
28	Clothing, women's.....	7	104	8	3	.....	2	91	.....	.....	80	6	81	.....	2	28,814
29	Shirt waists and dresses, except house dresses.....	4	96	4	3	.....	2	87	Je 107	Ja 61	85	6	77	.....	2	99,000
30	All other.....	3	8	4	.....	.....	.....	.....	.....	.....	.....	6	77	.....	.....	85,160
31	Confectionery and ice cream.....	87	439	103	15	8	21	292	(5)	(5)	4	4	.....	4	.....	13,900
32	Confectionery.....	21	177	27	4	3	8	135	De 167	Fe 116	170	62	101	.....	7	1,188,192
33	Ice cream.....	66	262	76	11	5	13	157	Jy 233	Ja 105	152	133	15	4	.....	355,023
34	Cooperage.....	7	13	6	.....	.....	.....	12	Oc 13	Ja 11	13	11	.....	2	.....	833,169
35	Copper, tin, and sheet-iron work.....	44	323	44	28	8	13	230	Do 259	Ja 211	261	258	1	2	.....	35,034
36	Cordage and twine.....	5	140	3	6	2	4	125	De 148	Mh 104	148	77	65	3	3	584,703
37	Cotton goods.....	74	32,561	6	524	262	364	31,045	De 32,387	Fe 30,378	36,729	19,578	14,998	1,109	1,044	341,804
38	Cotton lace.....	10	1,010	1	34	12	22	941	De 1,124	Mh 801	1,105	582	468	35	80	120,067,679
39	Cotton small wares.....	48	4,281	23	129	54	85	3,960	De 4,368	Ap 3,637	4,360	1,585	2,490	81	204	4,712,243
40	Dental goods.....	5	15	6	.....	.....	.....	9	Ap 13	Ja 8	9	7	2	.....	.....	13,237,086
41	Druggists' preparations.....	8	36	7	3	8	3	15	Ap 20	Mh 11	18	14	4	.....	.....	9,813
42	Dyeing and finishing textiles, exclusive of that done in textile mills.....	67	10,507	25	305	510	348	9,319	De 10,440	Mh 8,214	10,472	8,122	2,131	142	77	97,630
43	Dyestuffs and extracts—natural.....	14	103	13	7	11	6	66	De 81	Fe 57	78	77	1	.....	.....	39,960,365
44	Electrical machinery, apparatus, and supplies.....	13	1,842	7	74	139	109	1,513	Ja 1,695	Jy 1,348	1,566	732	318	9	7	784,674
45	Electroplating.....	23	275	27	10	5	12	221	Do 81	Fe 57	78	77	1	.....	.....	5,049,062
46	Enameling.....	12	34	17	.....	1	1	65	Ja 1,695	Jy 1,348	1,566	732	318	9	7	784,674
47	Engraving and diesinking.....	30	184	36	4	.....	5	139	Ja 1,695	Jy 1,348	1,566	732	318	9	7	784,674
48	Engraving, steel and copper plate, including plate printing.....	8	102	11	5	1	2	83	De 107	Ja 110	159	125	31	3	.....	418,735
49	Fancy articles, not elsewhere specified.....	15	444	12	21	36	27	348	De 116	Fe 63	111	70	40	1	.....	22,478
50	Celluloid novelties.....	7	194	6	12	7	8	161	.....	.....	.....	70	40	1	.....	170,690
51	All other.....	8	250	6	9	29	19	187	.....	.....	.....	70	40	1	.....	94,886
52	Flavoring extracts.....	4	16	7	1	1	1	6	.....	.....	.....	70	40	1	.....	94,886
53	Flour-mill and gristmill products.....	25	66	21	6	2	8	29	.....	.....	.....	70	40	1	.....	94,886
54	Food preparations, not elsewhere specified.....	21	170	21	11	15	7	116	.....	.....	.....	70	40	1	.....	94,886
55	Macaroni, vermicelli, and noodles.....	12	52	12	4	.....	1	35	.....	.....	.....	70	40	1	.....	94,886
56	All other.....	9	118	9	7	15	6	81	.....	.....	.....	70	40	1	.....	94,886
57	Foundry and machine-shop products.....	81	4,790	60	148	244	195	4,143	Au 38	Ja 32	36	33	.....	3	.....	144,146
58	Boiler shops.....	4	118	4	7	3	.....	104	Je 92	Mh 71	88	42	45	1	.....	777,897
59	Foundries.....	8	1,079	6	29	101	50	893	Ja 126	Jy 94	106	106	.....	.....	.....	353,363
60	Machine shops.....	65	3,178	49	83	118	133	2,793	De 1,027	Au 826	1,020	678	40	2	.....	4,656,679
61	Machine shop and foundry combined.....	4	417	1	29	22	12	353	Ja 3,372	My 2,504	2,926	2,819	57	45	5	11,194,361
62	Furniture.....	13	117	12	8	2	5	90	Do 411	Mh 304	411	411	.....	.....	.....	1,081,726
63	Wood, other than rattan and willow.....	7	62	8	1	1	2	50	.....	.....	.....	411	.....	.....	.....	282,540
64	Store and office fixtures.....	6	55	4	7	1	3	40	Ja 58	Fe 35	53	46	7	1	.....	176,696
65	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105,844

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.					
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Owned.				
											Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars. 18,583,184	Dollars. 12,450,797	Dollars. 137,495,377	Dollars. 4,181,783	Dollars. 1,724,458	Dollars. 35,755,093	Dollars. 402,205,892	Dollars. 13,783,311	Dollars. 747,322,858	Dollars. 331,333,655	321,016	147,358	41,922	3,188	29,263	99,285	65,956	1	
4,990	520	32,779	2,332	666	644	34,322	1,119	100,507	65,068	27			2		25		2	
39,506	13,061	192,727	100	13,496	14,413	194,306	9,463	684,605	480,746	280			5		275		3	
25,257	25,030	390,368		40,542	13,368	317,050	19,845	1,081,085	744,190	342	50		31		261		4	
10,000	4,575	29,121		2,455	5,547	118,262	1,139	192,819	73,418	16					16		5	
32,250	5,192	33,518		3,775	2,060	206,602	2,880	315,131	106,149	96	75		4		17		6	
6,293	8,394	21,320		27,092	783	33,141	330	104,004	70,533	12					12		7	
23,902	15,884	70,591	23,556	3,061	14,059	141,943	4,613	381,475	234,919	44			2		42		8	
39,119	15,088	290,558	1,591	6,573	14,959	277,653	8,809	811,934	525,472	179	10				169		9	
35,919	14,580	262,317	1,591	6,573	14,192	241,497	6,964	713,210	464,749	150					150		10	
3,200	508	28,241		767	36,156	36,156	1,845	98,724	60,723	29	10				19		11	
34,596	7,012	242,932		7,026	26,912	586,970	4,940	1,022,016	430,106	957	810	50			97	7	12	
53,399	34,208	465,957		6,177	77,737	1,810,888	42,037	2,975,561	1,122,636	1,250	380		120		750	350	13	
65,944	336,761	1,314,570	3,004	94,897	65,012	5,943,188	194,351	9,883,391	3,745,352	1,155	375		4		776	200	14	
		20,540		1,192	312	69,458	1,016	101,000	40,526	24					24		15	
8,670	2,429	51,391	10,101	3,441	1,027	107,218	1,906	227,949	118,825	82			5	40	37		16	
1,600	600	5,036		1,589	404	115,320	811	130,223	14,092	40	23				17		17	
4,160	2,850	16,855	773	4,816	566	42,760	5,548	103,876	55,568	32					32		18	
33,425	12,639	75,494	2,162	6,396	7,427	147,885	1,451	332,141	182,805	16					16		19	
		7,538		174	6,497	639	639	20,305	13,169	19			8		11		20	
9,428	2,387	70,693	175	5,280	2,224	54,904	4,843	187,919	128,172	211	24		48	38	106		21	
7,020	1,871	41,461	175	4,207	848	31,933	2,528	106,598	72,137	121	24		13	38	46		22	
2,408	516	29,232		1,073	1,376	22,971	2,315	81,321	56,035	90			30		60		23	
10,600	12,978	322,769		7,581	341,052	9,060	9,060	704,040	353,928	420	50				370	8	24	
2,880	2,606	516,064		232	120,482	60,487	712,579	522,610	445	445	60				385		25	
35,673	4,779	335,240		1,335	21,823	851,605	93,815	1,399,346	453,926	886	295				591	187	26	
		3,026	437	355	145	10,663	199	23,109	12,307								27	
		3,026		185	10	5,443	172	13,349	7,784								28	
			437	170	135	5,220	27	9,820	4,573								29	
6,828	2,169	60,180		4,055	482	158,344	872	268,510	109,294	23					23		30	
6,828	2,169	56,776		3,230	414	152,419	624	253,210	100,167	21					21		31	
		3,404		825	68	5,925	248	15,300	9,127	2					2		32	
53,520	19,085	276,699	270	25,289	45,371	1,415,281	45,499	2,368,490	907,710	1,050			118	2	930		33	
24,000	7,809	104,325	270	12,742	13,749	380,616	12,873	691,976	298,487	110			2		108		34	
29,520	11,276	172,374		12,647	31,622	1,084,665	32,026	1,676,514	609,223	940			116	2	822		35	
583	394	14,951		824	330	66,524	75	99,654	37,055	22	22						36	
53,013	15,346	284,123	2,932	13,916	20,427	422,193	10,539	1,005,759	578,027	132			33		99		37	
9,050	3,411	61,714	23,691	1,985	10,189	443,410	5,989	644,636	195,377	689	195				240	154	38	
1,936,147	643,385	28,974,008	68,182	99,708	7,512,674	85,699,501	2,684,149	155,488,347	67,204,697	111,986	55,860	13,346			18,060	24,720	39	
132,793	49,627	909,987	120,546	6,489	190,181	1,811,763	60,872	4,110,419	2,238,084	1,181	350				120	711	40	
590,241	331,963	3,273,884	107,549	58,349	787,473	9,769,437	232,589	17,824,321	7,832,295	7,728	3,466			1,438	2,824	1,094	41	
		6,236		1,738	10,424	475,64	32,686	22,187	56,271	5					5		42	
5,115	20,030	11,610		3,021	1,514	62,190	1,280	119,727	36,271	14					14		43	
1,294,391	1,348,935	9,356,657	25,791	106,620	2,773,589	18,901,077	2,026,663	42,287,545	21,330,805	28,920	16,733	4,951	1,685	2,374	3,177	14,902	44	
27,197	26,016	74,616	100,033	9,934	20,111	642,001	24,170	1,024,287	358,116	686					312		45	
188,716	247,346	1,346,361		5,471	480,325	2,951,553	175,211	7,566,790	4,440,026	3,087	374			800	1,582	404	46	
											705							
38,011	14,025	199,370		20,826	4,866	604,949	9,540	1,044,013	429,524	166					166		47	
	1,560	57,470		4,147	99	15,704	2,387	110,359	92,268	23					23		48	
15,112	3,937	156,762	9,157	8,907	5,120	37,258	3,373	362,407	321,776	53					53		49	
10,060	1,975	100,169	3,997	6,968	2,482	41,560	1,737	217,100	173,803	55				5	50		50	
73,058	79,192	274,726	17,575	10,112	12,756	655,699	15,287	1,316,536	645,550	203					203		51	
30,687	29,528	113,269	746	4,318	7,653	313,755	6,393	597,704	277,556	75					75		52	
42,371	49,664	161,457	16,829	5,794	5,103	341,944	8,894	718,832	367,994	128					128		53	
1,650	2,060	6,168		1,128	121	45,047	657	82,425	36,721	8					8		54	
9,850	8,389	33,796		875	7,133	963,405	14,414	1,132,723	154,904	1,253	220		110	302	621		55	
22,944	20,110	107,243		9,105	2,901	747,119	18,534	1,016,535	260,832	437					437		56	
6,760	520	35,914		5,755	1,795	214,971	11,030	316,503	90,502	170					170		57	
16,184	19,590	71,329		3,350	1,196	532,148	7,504	700,032	160,380	267					267		58	
790,458	502,605	5,386,216	8,380	44,333	421,762	4,491,710	362,762	15,692,939	10,838,467	8,160	1,529			5	6,316	594	59	
45,806	3,834	135,918		540	57,607	198,407	5,217	499,794	296,170	182	46				136	1	60	
256,160	151,727	1,173,804		736	32,993	1,363,136	125,292	4,804,106	3,315,078	1,558	30		20		1,508		61	
413,133	300,783	3,627,507	8,380	34,605	273,871	2,011,607	192,355	9,241,836	6,437,874	5,740	1,008		290	5	4,437	348	62	
75,359	46,261	448,987		8,452	57,291	318,560	39,898	1,147,203	788,745	680	445				235	245	63	
16,546	8,849	119,596	19,055	8,773	2,010	109,207	2,806	370,199	253,186	88			6		82		64	
1,300	5,000	63,770	15,923	4,820	1,055	42,284	956	168,784	125,544	14					8		65	
15,246	3,849	55,826	3,132	3,953	955	66,923	1,350	201,415	132,642	74					74		66	

¹ No figures given for reasons stated under "Explanation of terms."² Same number reported for one or more other months.³ Same number reported throughout the year.

MANUFACTURES—RHODE ISLAND.

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners			Total.	16 and over.			Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

[illegible]

Dollars. 19,265 143,103	Dollars. 4,808 180,461 4,258	Dollars. 25,727 334,074 56,659	Dollars. 1,257 418	Dollars. 4,380 3,104	Dollars. 701 247,219 351	Dollars. 55,455 189,944 67,782	Dollars. 1,605 1,886,083 1,575	Dollars. 140,354 4,477,592 152,636	Dollars. 92,304 2,404,555 113,279	12 2,335 16	1,215	385			12 735 16	189	1 2 3
45,180	26,333	70,482		14,176	12,098	3,017,715	16,374	3,409,457	375,368	160	45				115		4
20,592	10,961	98,686		500	39,314	721,991	23,865	1,105,082	419,228	421	421						5
1,040	1,900	10,534		3,339	115	10,949	335	42,623	31,339	7							6
7,114	4,014	22,595		2,511	1,945	130,187	206,678	75,810	75,810	32							7
		15,600		1,344	122	53,221	328	90,312	36,763	4							8
1,600	470	23,888	300	7,304	1,115	17,411	14,673	100,552	68,468	419	190		225			4	9
152,596	62,383	984,819		3,645	176,658	1,031,970	85,049	2,968,254	1,851,225	1,870	450		125		1,295	260	10
6,760	3,328	32,613		2,410	502	17,623	4,399	95,637	73,715	107			34		73		11
1,914,862	1,358,852	9,352,452	499,005	362,001	747,684	26,760,432	215,527	45,596,440	21,620,481	4,304	117		10		4,177		12
41,365	22,445	232,532	8,856	9,174	6,468	346,328	4,301	831,262	480,783	175	126				50	59	13
386,352	83,250	1,560,596	70,686	23,893	708,508	7,331,113	58,003	11,936,313	4,547,197	1,261	590		5	35	631		14
1,876	700	14,741		1,419	134	19,233	737	47,855	27,885	12			6		6		15
169,606	158,182	543,663		2,011,447	848,587	171,067	5,932,689	4,913,085	3,522	2,932	50				540	717	16
		17,492		2,521	104	20,771	217	45,119	27,131	5					5		17
817	263	77,086	2,902	1,000	73,358	100	242,325	168,867	1,263	990		26	247		1		18
104,190	33,271	433,394	12,000	20,867	21,412	795,035	26,317	1,712,323	890,976	1,698	880		20		798	15	19
536,253	661,396	8,702,410	17,243	5,284	1,723,094	3,368,170	325,790	22,301,290	18,607,324	8,998	550	1,530			6,918		20
24,508	30,078	403,126	23,627	6,749	7,827	351,478	39,184	1,173,630	782,908	1,650	570		104		976		21
15,293	10,117	219,776	3,142	2,784	3,672	213,522	20,656	626,573	362,996	418	45		14		365		22
9,515	19,956	183,350	20,485	3,965	4,255	137,956	19,129	547,057	380,972	1,232	525		90		617		23
6,664	7,511	73,398	7,630	8,994	2,329	248,035	1,989	397,127	147,108	101					101		24
	3,218	40,280		1,788	654	173,812	1,644	243,241	67,785	14							25
34,522	23,311	139,715	130	4,311	37,711	354,625	13,120	768,805	401,060	171	32		5		134		26
34,522	23,311	136,92															

* None reported for one or more other months.

^b Same number reported throughout the year.

MANUFACTURES—RHODE ISLAND.

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Total.	Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

															Dollars.
1	Tobacco, cigars and cigarettes.....	48	233	49	2	3	2	177	Se 214	My 149	167	114	50	3	365,251
2	Tools, not elsewhere specified.....	37	624	28	36	17	22	521	De 251	Mh 199	565	522	38	3	1,811,687
3	Carpenters' and machinists' tools.	11	273	6	20	10	13	224	De 251	Mh 199	249	221	26	2	678,753
4	All other.....	26	351	22	16	7	9	297	De 316	Ja 271	316	301	12	1	1,132,934
5	Toys and games.....	4	75	4	5	1	3	62	Oc 80	Ja 36	76	15	60	1	86,836
6	Vinegar and cider.....	9	19	13			1	5			6	6			52,570
7	Vinegar.....	5	13	7			1	5	Oc 6	My 2	6	6			45,020
8	Cider.....	4	6	6											7,550
9	Wirework, not elsewhere specified.....	6	129	8	9	2	4	106	Mh 125	Se 70	106	60	46		252,516
10	Wood, turned and carved.....	10	434	12	26	4	17	375	De 409	Jy 339	541	373	154	10	465,160
11	Woodshoddy.....	7	83	7	5	1		70	De 91	Fe 64	91	90			290,298
12	Woolen goods.....	26	3,346	4	115	44	39	3,144	De 3,785	Fe 1,848	3,648	2,780	789	50	15,709,896
13	Worsted goods.....	62	22,304	14	470	372	199	21,249	De 25,221	Fe 18,979	25,595	11,543	12,306	707	110,153,835
14	All other industries*.....	156	19,066	113	482	1,249	651	16,671							78,637,839

* All other industries embrace—	Boots and shoes, rubber.....	4	Cutlery, pocket knives.....	2	Gold, leaf and foil.....	2
Aeroplanes, seaplanes, and airships, and parts.....	Canning and preserving, vegetables.....	1	Emery and other abrasive wheels.....	1	Haircloth.....	1
Aluminum ware.....	Cardboard, not made in paper mills.....	1	Engraving, wood.....	2	Hair work.....	1
Ammunition.....	Carpets, rag.....	2	Felt goods.....	1	Hats, fur-felt.....	2
Artists' materials.....	Cash registers and parts.....	1	Fertilizers.....	1	Horseshoes, not made in steel works or rolling mills.....	1
Bags, other than paper, not including bags made in textile mills.....	Cheese.....	2	Files.....	3	House-furnishing goods, not elsewhere specified.....	1
Baking powders and yeast.....	Chewing gum.....	1	Fireworks.....	1	Instruments, medical and surgical.....	1
Baskets, and rattan and willow ware.....	Clocks.....	2	Flags and banners.....	1	Iron and steel, steel works and rolling mills.....	3
Belting, woven.....	Clothing, horse.....	1	Fur goods.....	2	Iron and steel forgings, not made in steel works or rolling mills.....	1
Blacking, stains, and dressings.....	Clothing, men's.....	1	Furnishing goods, men's.....	3	Iron and steel, wire nails and spikes.....	1
Boot and shoe cut stock.....	Coal-tar products.....	2	Galvanizing.....	1	Ivory, shell, and bone work, not including combs and hairpins.....	3
Boots and shoes, not including rubber boots and shoes.....	Coffee, roasting and grinding.....	2	Gas and water meters.....	1		
	Coffins, burial cases, and undertakers' goods.....	1	Glass.....	1		
	Combs and hairpins, except those made from metal or rubber.....	1	Gloves and mittens, cloth, not including gloves made in textile mills.....	1		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

PAWTUCKET—All industries.	284	26,358	213	634	448	617	24,446	De 26,445	Fe 22,979	26,498	14,850	10,361	608	679	104,855,995
1 Automobile repairing.....	7	37	7	1		1	28	No 30	Mh 25	80	30				33,980
2 Boxes, wooden packing, except cigar boxes.....	6	83	5	5	1	1	71	De 78	My 66	78	78				157,999
3 Brass and bronze products.....	5	120	5	9	2	2	102	Fe 131	Jy 79	82	80	1	1		292,906
4 Bread and other bakery products.....	22	182	28	6		5	142	Au 152	Fe 132	180	134	25	1		200,878
5 Brushes.....	5	53	6	2		1	44	De 50	Ja 31	50	14	35	1		42,689
6 Carriages and wagons, including repairs.....	3	31	1	3		2	25	Mh 33	Ja 17	17	17				43,651
7 Confectionery, ice cream.....	8	25	7	2			16	Jy 23	Ja 11	16	14	2			59,620
8 Copper, tin, and sheet-iron work.....	6	49	4	6	1	3	35	Au 38	Ja 30	36	36				64,506
9 Cotton goods.....	10	10,896		175	70	235	10,418	Se 10,906	Ja 9,728	10,625	5,258	4,779	239	299	34,914,970
10 Cotton lace.....	3	532		11	3	10	508	De 636	Ja 342	636	272	293	20	51	2,120,263
11 Cotton small wares.....	19	1,942	9	53	28	43	1,709	Ja 1,897	My 1,553	1,836	674	1,038	31	93	6,238,472
12 Dyeing and finishing textiles, exclusive of that done in textile mills.....	16	1,733	2	71	42	44	1,574	De 1,750	Mh 1,373	1,759	1,318	420	22	4	6,216,338
13 Foundry and machine-shop products.....	10	1,063	4	24	31	26	978	De 1,151	My 781	1,151	1,132	6	12	1	4,213,837
14 Jewelry.....	7	239	10	9	5	6	209	De 229	Fe 197	229	99	103	18	9	711,461
15 Lumber, planing-mill products, not including planing mills connected with sawmills.....	7	185	6	9	11	4	155	De 188	Fe 106	188	188				425,928
16 Marble and stone work, monuments and tombstones.....	4	15	5				10	Fe 13	Ja 9	10	10				17,190
17 Mineral and soda waters.....	3	4					2	Jy 1	Fe 1	3	3				6,158
18 Printing and publishing, job printing, linotype work, and typesetting.....	13	185	2	10	3	5	153	De 173	Se 143	173	108	47	10	8	414,943
19 Silk goods.....	12	1,889	5	32	11	19	1,822	De 1,962	Oc 1,587	1,950	944	896	45	65	11,261,872
20 Slaughtering and meat packing.....	8	74	15	1	1	1	56	Je 58	Au 53	58	58				496,266
21 Textile machinery and parts.....	9	336	5	16	3	8	304	Oc 370	My 259	376	375		1		768,773
22 Tobacco, cigars.....	12	55	14				41	Mh 45	My 37	44	33	10	1		43,185
23 Tools, not elsewhere specified.....	5	194	5	5	3	6	175	My 186	Fe 167	171	169	2			894,604
24 All other industries*.....	84	6,536	54	184	233	195	5,870			6,820	3,811	2,704	156	149	35,245,346

* All other industries embrace—	Boxes, paper and other, not elsewhere specified.....	2	Coffee, roasting and grinding.....	1	Electroplating.....	1
Artificial stone products.....	Brooms, from broom corn.....	2	Cooperage.....	6	Fancy articles, metal, not elsewhere specified.....	1
Automobile bodies and parts.....	Card cutting and designing.....	1	Cordage and twine.....	1	Flour-mill and gristmill products.....	1
Belting, leather.....	Cardboard, not made in paper mills.....	1	Dental goods.....	1	Food preparations, meat products, not elsewhere specified.....	2
Bookbinding and blank-book making.....	Carpets, rag.....	1	Druggists' preparations.....	1	Gas, illuminating and heating.....	1
Boot and shoe cut stock.....	Cleansing preparations.....	1	Dyestuffs and extracts—natural.....	2		
Boot and shoe findings.....	Clocks.....	1	Electrical machinery, apparatus, and supplies.....	1		

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.										POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Owned.	Steam engines (not turbines).	Internal combustion engines.	Water power. ¹

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.						
10,450	4,329	164,753	7,841	69,516	214,160	3,058	583,061	385,843	4	568	150	3	413	209	4	1
138,810	37,580	555,077	7,014	22,299	109,353	366,072	1,509,151	1,121,048	21,431	624,856	209				2	2
89,315	22,414	233,558	305	4,060	8,737	251,382	7,050	366,424							3	3
49,495	15,166	322,119	6,709	17,639	100,616	114,690	14,381	884,295	357	150	3	204	23	4	4	4
24,196	4,154	47,282	11,827	1,656	2,613	90,419	1,043	226,169	23					5	5	5
	624	5,040			485	24,717	474	50,445	125	80	43	2	2	6	6	6
	624	5,040			388	23,972	419	46,765	37	8	27	2		7	7	7
					97	745	55	3,680	88	72	16			8	8	8
25,187	8,846	84,165	4,240	4,712	10,841	142,455	3,261	378,972	37					9	9	9
45,521	18,065	341,482	300	3,813	5,103	443,303	9,715	1,007,997	469	350	31	88		10	10	10
14,500	120	80,161	188	3,253	1,521	224,442	20,618	444,795	544	50				11	11	11
645,804	155,266	3,559,272	95,521	19,695	1,281,873	13,489,394	292,719	22,231,419	7,176	3,749	670	1,506	1,251	590	12	12
3,381,848	947,857	20,074,333	273,442	87,897	9,050,978	101,302,826	1,829,839	153,080,939	51,742	28,399	15,584	3,084	7,675	12,729	13	13
1,811,318	2,376,001	10,245,744	1,298,386	129,373	2,776,888	47,698,468	1,400,707	89,492,986	32,268	18,959	2,206	16	206	10,871	3,182	14

Japanning.....	2	Nets and seines.....	1	Shipbuilding, steel, new vessels and repair work.....	2	Tinware, not elsewhere specified.....	3
Labels and tags.....	2	Oil and cake, cottonseed.....	1	Shirts.....	3	Trunks and valises.....	1
Lamps.....	1	Oil, vegetable and composite oils.....	3	Sporting and athletic goods.....	3	Umbrellas and canes.....	1
Lapidary work.....	2	Paints.....	4	Springs, steel, automobile.....	1	Upholstering materials, imitation leather and leatheroid.....	1
Lead, bar, pipe, and sheet.....	2	Paper and wood pulp.....	1	Stamped ware, not elsewhere specified.....	1	Varnishes.....	2
Leather, tanned, curried, and finished.....	2	Petroleum, refining.....	1	Stencils and brands.....	1	Vault lights and ventilators.....	1
Line.....	1	Phonographs and graphophones.....	1	Stereotyping and electrotyping.....	1	Washing machines and clothes wringers.....	1
Lubricating greases.....	2	Plumbers' supplies, not elsewhere specified.....	2	Stoves and ranges.....	1	Waste.....	1
Minerals and earths, ground or otherwise treated.....	1	Regalia, and society badges and emblems.....	1	Stoves, gas and oil.....	1	Window and door screens.....	1
Mirrors, framed and unframed, not elsewhere specified.....	1	Roofing materials.....	1	Structural ironwork, not made in steel works or rolling mills.....	5	Window shades and fixtures.....	2
Musical instruments, organ materials.....	1	Saws.....	2	Surgical appliances.....	2	Wire.....	2
Needles, pins, and hooks and eyes.....	4	Screws, machine.....	3	Tin foil.....	1		
		Screws, wood.....	1				

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

2,750,082	1,245,435	23,837,712	687,190	205,478	6,475,271	75,234,047	2,238,098	135,517,533	58,044,788	50,681	24,367	15,136	154	656	16,368	23,829	
640	780	39,858	3,648	79	16,370	1,380	79,698	61,048	15	125				15	7	1	
18,502	1,025	68,967	444	1,352	136,450	1,304	245,634	107,780	156					31		2	
27,679	3,027	104,333	480	6,870	308,849	10,938	494,930	175,143	256	75	120			61	325	3	
24,780	3,640	147,399	6,556	2,445	634,303	19,473	1,001,222	347,446	75					75		4	
4,510	801	29,633	2,577	676	51,684	520	110,297	58,143	53					8		5	
3,708	1,140	24,355	3,000	974	15,245	1,908	57,322	40,109	76	24				46		6	
3,020		19,583	1,854	982	112,723	3,300	163,187	47,164	76					70		7	
11,773	1,801	40,068	3,261	310	72,229	839	149,993	76,925								8	
589,683	274,494	9,554,158	72,635	2,203,716	32,045,508	831,116	53,628,196	20,751,572	25,079	10,650	5,941			8,338	14,116	9	
52,150	11,739	515,018	66,753	55,477	842,425	24,670	1,942,651	1,075,556	373	125				248	130	10	
273,974	107,425	1,389,326	38,252	483,069	4,386,183	71,615	8,030,948	3,573,150	1,523	950				567	1,005	11	
274,317	137,016	1,745,829	4,717	354,047	3,295,663	322,161	7,142,605	3,524,791	3,588	3,149				309	1,126	12	
111,538	70,588	1,160,390	6,864	3,520	90,172	1,117,175	61,799	3,170,716	1,991,742	814	665			144	348	13	
41,220	13,506	201,344	19,846	4,968	25,835	296,059	6,863	354,411	551,489	94				88		14	
31,540	14,656	184,176	12,000	18,545	6,286	420,158	9,085	759,095	329,852	500	355			145		15	
		12,638	364	258	9,908	423	32,640	22,309	9					9		16	
		2,135	1,720	358	4,008	282	10,200	5,910	1					1		17	
32,412	8,284	111,256	11,092	2,824	6,023	189,991	5,998	486,619	290,630	97				94		18	
208,013	37,703	1,989,069	498,899	10,699	1,108,030	6,565,877	103,091	11,903,743	5,234,775	4,037	1,290	2,250		497	4,263	19	
2,000	1,976	58,961	500	2,560	1,972	2,866,095	6,913	3,191,090	318,082	130	94			34	27	20	
52,216	12,027	272,650	453	5,221	18,712	303,105	8,414	849,098	637,579	257	50			207		21	
		34,892	456	12,812	41,598	666	107,897	65,633	1					1		22	
21,965	3,040	188,347	2,202	96,704	50,782	10,075	580,282	499,425	243	150				93		23	
964,442	535,767	5,943,327	39,027	21,509	2,018,112	21,452,309	735,275	40,545,159	18,357,575	19,228	6,665	6,945	12	415	5,191	2,482	24

Grease and tallow, not including lubricating greases.....	2	Knit goods.....	4	Printing and publishing, newspapers and periodicals.....	3	Tobacco, smoking.....	1
Hardware.....	2	Leather, tanned, curried, and finished.....	1	Sausage, not made in slaughtering and meat-packing establishments.....	1	Toys and games.....	1
Hats, fur-felt.....	1	Liquors, malt.....	1	Screws, machine.....	1	Wire.....	1
Horseshoes, not made in steel works or rolling mills.....	1	Machine tools.....	3	Soap.....	1	Wood, turned and carved.....	4
Iron and steel, steel works and rolling mills.....	2	Models and patterns, not including paper patterns.....	4	Sporting and athletic goods.....	1	Worsted goods.....	2
Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	2	Paper goods, not elsewhere specified.....	5	Stoves, gas and oil.....	1		
		Patent and proprietary compounds, not elsewhere specified.....	1	Suspenders, garters, and elastic woven goods.....	3		

¹ Same number reported for one or more other months.

MANUFACTURES—RHODE ISLAND.

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.		Female.
								Maximum month.	Minimum month.						

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

PROVIDENCE—All industries.		1,274	61,395	1,167	2,138	2,368	2,350	53,372	De 68,747	Fe 47,844	50,524	38,405	19,021	911	1,187	Dollars. 211,893,984
1	Artificial stone products.....	7	24	11	2	1	.....	10	Je 14	My 6	15	15	.....	.....	.....	42,093
2	Automobile bodies and parts.....	10	134	10	7	3	9	105	Jy 116	Ja 96	112	100	12	.....	.....	360,530
3	Automobile repairing.....	28	249	26	10	5	11	197	My 223	De 176	177	177	.....	.....	.....	233,197
4	Belting, leather.....	3	22	1	4	.....	5	12	De 15	Fe 10	15	15	.....	.....	.....	94,485
5	Boxes, paper and other, not elsewhere specified.....	7	373	4	9	5	11	344	De 399	Ap 264	396	89	258	13	36	412,645
6	Boxes, wooden packing, except cigar boxes.....	3	114	2	2	1	2	107	No 120	Fe 94	119	118	.....	1	.....	317,950
7	Brass and bronze products.....	7	66	7	1	1	3	54	Oc 58	Ap 49	58	56	2	.....	.....	252,460
8	Bread and other bakery products.....	121	975	153	9	122	61	630	Je 649	Oc 614	675	611	57	5	2	1,674,589
9	Brooms, from broom corn.....	3	10	3	.....	.....	.....	7	(?) 7	(?) 7	7	7	.....	.....	.....	6,240
10	Buttons.....	3	40	3	2	2	.....	33	My 39	No 28	29	18	10	.....	1	89,363
11	Carriages and wagons.....	3	27	2	3	.....	2	20	My 24	Ja 17	17	17	.....	.....	.....	31,063
12	Cleansing and polishing preparations.....	3	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,169
13	Clothing, women's.....	4	47	6	2	.....	1	38	Se 43	Fe 21	44	2	40	2	2	27,126
14	Confectionery and ice cream.....	31	254	35	11	6	7	195	.....	.....	218	113	96	2	7	869,083
15	Confectionery.....	10	122	13	3	2	3	101	De 125	Ja 84	131	34	90	.....	7	282,334
16	Ice cream.....	21	132	22	8	4	4	94	Jy 139	Ja 62	87	79	6	2	.....	586,749
17	Copper, tin, and sheet-iron work.....	26	211	26	18	5	7	155	De 176	Ja 137	178	177	1	.....	.....	457,186
18	Cotton small wares.....	14	1,378	9	35	12	22	1,300	De 1,486	Ap 1,121	1,486	508	876	34	68	4,312,857
19	Dyeing and finishing textiles, exclusive of that done in textile mills.....	11	2,099	4	54	69	42	1,930	De 2,190	Mh 1,708	2,198	1,716	472	2	8	9,205,927
20	Dyestuffs and extracts—natural.....	3	20	1	3	3	2	11	De 14	Fe 10	14	14	.....	.....	.....	179,915
21	Electrical machinery, apparatus, and supplies.....	9	1,092	5	28	46	60	953	Ja 1,150	Au 803	1,002	509	487	3	3	2,540,179
22	Enameling.....	12	84	17	.....	1	1	65	Mh 77	Ja 55	68	26	42	.....	.....	22,478
23	Engraving and diesinking.....	30	184	36	4	.....	5	139	De 167	Ja 110	159	125	31	3	.....	170,690
24	Food preparations, not elsewhere specified.....	16	146	15	9	15	7	100	Au 109	Mh 87	111	68	42	1	.....	865,696
25	Foundry and machine-shop products.....	43	1,604	30	67	78	45	1,384	.....	.....	1,350	1,329	5	15	1	5,689,556
26	Boiler shops.....	4	118	4	7	3	.....	104	Ja 120	Jy 84	106	106	.....	.....	.....	353,368
27	Machine shops.....	35	1,105	24	35	54	38	954	Ja 1,409	Se 725	842	821	5	15	1	4,336,478
28	All other.....	4	381	2	25	21	7	326	De 402	Ap 267	402	402	.....	.....	.....	999,715
29	Furniture.....	10	63	9	7	1	3	43	.....	.....	48	47	.....	1	.....	111,277
30	Wood, other than rattan and willow.....	4	8	5	.....	.....	.....	3	Fe 4	Oc 2	4	4	.....	.....	.....	5,433
31	Store and office fixtures.....	6	55	4	7	1	3	40	Ja 45	Ja 31	44	43	.....	1	.....	105,844
32	Gas and electric fixtures.....	3	46	2	6	4	2	32	No 38	Fe 25	37	30	4	3	.....	97,120
33	Glass, cutting, staining, and ornamenting.....	8	60	12	.....	2	2	53	Au 63	Ja 42	54	42	10	2	.....	92,365
34	Gold and silver, reducing and refining, not from the ore.....	17	110	17	14	11	8	60	Ap 66	Ja 58	60	60	.....	.....	.....	785,987
35	Hand stamps.....	6	25	9	1	1	1	13	Ap 20	Je 11	13	9	.....	4	.....	30,470
36	Hats and caps, other than felt, straw, and wool.....	4	10	8	.....	.....	.....	11	Ja 12	Ap 10	12	8	4	.....	.....	19,465
37	Jewelry.....	273	12,141	256	535	393	725	10,232	No 11,173	Ja 8,571	11,325	6,277	4,522	255	271	26,459,586
38	Jewelry and instrument cases.....	7	402	7	13	17	6	359	De 462	Ja 284	455	98	317	17	23	440,501
39	Knit goods.....	3	827	2	36	4	6	779	De 815	Fe 717	814	186	562	15	51	1,742,035
40	Lumber, planing-mill products, not including planing mills connected with sawmills.....	7	186	5	13	7	4	167	Se 169	Je 147	166	155	.....	11	.....	460,607
41	Machine tools.....	6	6,707	1	117	136	286	6,167	De 7,045	Fe 5,403	7,047	6,376	671	.....	.....	19,345,907
42	Marble and stone work.....	12	77	14	2	6	1	54	No 84	Ja 18	83	82	.....	1	.....	144,632
43	Mineral and soda waters.....	20	97	20	6	10	5	56	Je 80	No 37	49	48	.....	.....	.....	347,121
44	Models and patterns, not including paper patterns.....	7	86	8	2	1	4	71	Jy 79	Ja 58	76	76	.....	.....	.....	82,792
45	Oleomargarine and other butter substitutes.....	4	174	.....	9	28	27	110	Ja 129	Mh 98	131	83	48	.....	.....	939,585

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.						
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, Federal, state, county, and local.	Principal materials.	Fuel and rent of power.			Total.	Owned.					Rent- ed. ²
											Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Dollars. 8,778,636	Dollars. 6,074,159	Dollars. 53,178,353	Dollars. 824,321	Dollars. 1,483,615	Dollars. 12,501,431	Dollars. 135,067,313	Dollars. 5,259,311	Dollars. 267,629,283	Dollars. 127,302,659	84,116	32,440	14,539	366	1,064	35,707	13,683
1,430	520	11,520	.....	666	393	14,198	534	41,756	27,024	10	.....	.....	.....	.....	10	.....
22,100	11,605	105,364	1,200	10,334	12,956	140,655	4,057	485,617	340,905	78	.....	.....	.....	.....	78	.....
20,777	19,172	211,353	.....	18,955	11,704	162,401	8,486	561,376	390,489	163	50	.....	.....	.....	118	.....
28,050	5,192	18,889	.....	3,351	1,210	127,735	220	206,153	78,198	6	.....	.....	4	.....	2	.....
18,514	12,628	198,588	1,591	4,180	12,982	188,549	5,569	557,134	363,016	134	.....	.....	.....	.....	134	.....
5,299	3,392	106,893	.....	6,120	19,650	207,940	1,147	399,751	190,664	485	475	.....	.....	.....	10	.....
3,120	4,225	66,847	.....	4,905	2,788	237,210	11,334	594,234	345,090	57	30	.....	.....	.....	27	25
26,855	258,463	720,176	1,300	62,897	40,717	3,441,627	107,353	5,016,012	2,367,032	809	375	.....	.....	.....	434	200
.....	.....	9,600	.....	804	106	33,405	459	56,200	22,336	9	.....	.....	.....	.....	9	.....
4,160	2,350	16,855	773	4,816	566	42,760	5,548	103,876	55,568	32	.....	.....	.....	.....	32	.....
5,720	1,247	22,902	.....	900	401	16,225	1,195	57,807	40,387	29	.....	.....	.....	.....	29	.....
.....	.....	.....	437	145	135	4,508	.....	9,323	4,817	.....	.....	.....	.....	.....	.....	.....
2,080	.....	24,200	.....	1,755	166	32,127	525	70,299	37,647	16	.....	.....	.....	.....	16	.....
49,300	12,022	178,872	270	12,650	42,366	953,066	29,113	1,598,211	615,132	576	.....	.....	.....	.....	576	.....
22,600	4,580	73,922	270	5,046	12,707	280,108	8,611	509,890	221,171	65	.....	.....	.....	.....	65	.....
20,800	4,442	104,950	.....	4,604	29,689	673,858	29,502	1,083,321	393,961	511	.....	.....	.....	.....	511	.....
36,950	6,890	195,317	.....	3,082	19,541	300,851	7,220	695,278	387,207	90	.....	.....	.....	.....	90	.....
188,879	179,548	1,186,512	47,453	13,463	222,300	3,367,222	93,239	6,183,839	2,728,378	3,790	1,775	.....	.....	675	1,340	89
250,649	141,126	2,013,336	2,684	8,568	209,340	7,094,432	363,269	10,988,462	3,530,761	7,767	3,941	3,550	.....	.....	276	3,961
9,420	6,504	11,392	.....	4,530	18,709	75,962	8,069	144,176	60,145	408	160	.....	.....	.....	248	.....
95,500	106,450	847,962	.....	5,231	182,844	1,199,505	87,770	3,137,771	1,850,496	1,620	180	.....	.....	.....	1,440	.....
.....	1,560	57,470	.....	4,147	99	15,704	2,887	110,359	92,268	23	.....	.....	.....	.....	23	.....
18,112	8,937	150,717	9,157	3,967	5,120	37,258	3,373	352,407	321,776	53	.....	.....	.....	.....	53	.....
18,784	20,110	92,786	.....	0,697	2,680	601,843	14,810	824,632	207,979	400	.....	.....	.....	.....	409	.....
311,142	163,968	1,960,704	1,332	31,827	246,804	1,543,741	113,826	5,506,401	3,848,834	3,568	643	.....	231	.....	2,094	246
45,806	8,834	135,918	.....	540	57,607	198,407	5,217	499,794	296,170	182	46	.....	.....	.....	136	1
152,550	118,485	1,331,564	1,332	23,299	137,007	1,010,712	66,388	3,854,933	2,777,833	2,808	152	.....	231	.....	2,425	27
112,786	41,649	443,222	.....	7,988	52,190	334,622	42,221	1,151,674	774,631	578	445	.....	.....	.....	133	245
16,246	8,849	60,907	3,132	5,873	1,007	75,255	2,110	222,912	145,547	82	.....	.....	.....	.....	82	.....
.....	.....	5,081	.....	1,020	52	8,332	260	21,497	12,905	8	.....	.....	.....	.....	8	.....
15,246	3,849	55,826	3,132	3,953	66,923	66,923	1,850	201,415	132,642	74	.....	.....	.....	.....	74	.....
19,265	4,808	25,727	1,237	4,380	761	55,455	1,595	149,354	92,304	12	.....	.....	.....	.....	12	.....
.....	4,258	56,659	418	3,104	351	67,782	1,575	182,636	113,279	16	.....	.....	.....	.....	16	.....
45,180	26,333	70,482	.....	14,176	12,098	3,017,715	16,374	3,409,457	375,368	160	45	.....	.....	.....	115	.....
1,040	1,900	10,534	.....	3,339	115	10,949	335	42,623	31,339	7	.....	.....	.....	.....	7	.....
.....	.....	15,600	.....	1,344	122	53,221	328	90,312	36,763	4	.....	.....	.....	.....	4	.....
1,854,092	1,342,640	9,049,421	472,033	354,137	717,367	26,350,636	206,843	47,447,575	20,890,096	4,191	117	.....	4	.....	4,070	.....
41,365	22,445	232,532	8,856	0,174	6,488	346,328	4,301	831,362	480,733	175	125	.....	.....	.....	50	59
164,705	18,782	602,828	13,103	9,313	101,572	1,652,913	19,293	3,068,645	1,396,439	337	225	.....	.....	.....	112	.....
59,360	11,260	159,741	.....	4,306	12,589	227,897	10,126	613,144	375,121	805	315	.....	.....	.....	490	15
341,278	618,283	7,384,013	.....	1,412	1,429,980	2,408,982	280,248	18,307,419	15,618,189	7,243	550	1,530	.....	.....	5,163	.....
2,145	5,769	69,180	22,327	1,768	1,047	82,938	6,642	240,697	151,117	333	25	.....	90	.....	218	.....
18,578	13,267	58,568	.....	2,505	17,182	219,198	5,537	446,398	221,663	79	.....	.....	5	.....	74	.....
3,846	3,119	96,144	2,911	4,386	631	32,496	1,587	187,284	153,201	42	.....	.....	.....	.....	42	.....
69,174	77,080	98,800	.....	4,340	23,649	2,461,302	14,333	2,946,142	470,507	262	90	.....	.....	.....	172	.....

¹ Same number reported for one or more other months.² Same number reported throughout the year.

MANUFACTURES—RHODE ISLAND.

TABLE 29.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.		Female.	
								Maximum month.							Minimum month.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

PROVIDENCE—Continued.																		Dollars.
1	Optical goods.....	5	544	1	46	4	20	473	De	529	Ja	443	533	346	174	10	3	1,048,327
2	Patent medicines and compounds.....	11	46	0	5	9	8	18	De	23	No	13	22	19	2	1	.....	123,758
3	Photo-engraving.....	4	19	0	.....	2	1	10	My	12	Ja	7	11	10	1	.....	.....	16,692
4	Printing and publishing, book and job.....	65	942	65	62	41	63	711	.....	.....	.....	.....	851	541	289	19	2	1,787,985
5	Job printing.....	61	919	61	61	39	61	697	De	834	Ja	659	836	533	284	17	2	1,769,268
6	Book publishing without printing and linotype work and typesetting.....	4	23	4	1	2	2	14	My	16	Je	11	15	8	5	2	.....	18,717
7	Printing and publishing, newspapers and periodicals.....	15	601	6	29	158	66	342	De	379	Ja	308	374	370	2	2	.....	2,485,958
8	Sausage, not made in slaughtering and meat-packing establishments.....	10	85	12	3	8	3	59	Ja	62	Aug	55	62	60	2	.....	.....	268,730
9	Signs and advertising novelties.....	6	32	5	3	3	2	19	De	23	Fe	15	18	13	4	1	.....	30,454
10	Silversmithing and silverware.....	8	2,039	6	28	49	22	1,934	Ja	2,511	No	1,728	1,776	1,501	243	25	7	15,102,699
11	Slaughtering and meat packing.....	4	242	1	12	18	8	203	Oct	312	Je	102	204	158	40	.....	.....	1,644,388
12	Textile machinery and parts.....	24	1,520	12	64	98	85	1,261	No	1,426	Ap	1,083	1,495	1,370	105	17	3	4,513,866
13	Tobacco, cigars and cigarettes.....	30	158	29	2	2	2	123	Se	161	My	102	110	69	39	2	.....	308,400
14	Tools, not elsewhere specified.....	23	383	20	27	13	14	300	.....	.....	.....	.....	344	303	36	3	2	740,360
15	Machinists' tools.....	8	257	2	20	10	12	213	De	239	Mh	188	239	212	25	2	.....	574,488
16	All other.....	20	126	18	7	3	2	96	Mh	108	Ja	76	105	91	11	1	2	165,872
17	Woolen and worsted goods.....	19	9,472	3	156	123	51	9,139	De	10,943	Fe	5,458	11,271	4,992	5,533	299	447	38,387,912
18	All other industries*.....	256	15,128	217	660	244	622	12,785	.....	.....	.....	.....	13,635	9,266	3,975	144	250	66,465,438

* All other industries embrace—
 Awnings, tents, and sails.....
 Bags, other than paper, not including bags made in textile mills.....
 Baking powders and yeast.....
 Belting, woven.....
 Blacking, stains, and dressings.....
 Bookbinding and blank-book making.....
 Boot and shoe findings.....
 Boots and shoes, not including rubber boots and shoes.....
 Boots and shoes, rubber.....
 Brushes.....
 Butter.....
 Card cutting and designing.....
 Carpets, rag.....

Carriage and wagon materials.....
 Cars and general shop construction and repairs by steam-railroad companies.....
 Cash registers and parts.....
 Cheese.....
 Chemicals.....
 Clocks.....
 Clothing, men's.....
 Coal-tar products.....
 Coffee, roasting and grinding.....
 Coffins, burial cases, and undertakers' goods.....
 Combs and hairpins, except those made from metal or rubber.....
 Cordage and twine.....
 Cotton goods.....

Cutlery, pocketknives.....
 Dental goods.....
 Druggists' preparations.....
 Electroplating.....
 Emery and other abrasive wheels.....
 Engraving, steel and copper plate, including plate printing.....
 Engraving, wood.....
 Fancy articles, not elsewhere specified.....
 Files.....
 Fireworks.....
 Flags and banners.....
 Flavoring extracts.....
 Fur goods.....
 Galvanizing.....
 Gas, illuminating and heating.....

Gas and water meters.....
 Gold, leaf and foil.....
 Hair work.....
 Hardware.....
 Hats, fur-felt.....
 Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....
 Iron and steel, forgings, not made in steel works or rolling mills.....
 Iron and steel, wire nails and spikes.....
 Iron and steel, tempering, welding, etc.....
 Ivory, shell, and bone work, not including combs and hairpins.....
 Japanning.....
 Labels and tags.....

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	BRISTOL.....	28	5,938	30	86	526	199	5,097	Ap	5,306	Aug	4,942	5,265	3,099	1,917	127	122	24,932,005
2	CENTRAL FALLS.....	67	4,378	42	140	168	106	3,922	De	4,060	Je	3,783	4,140	2,221	1,802	48	69	16,853,006
3	CRANSTON.....	55	3,089	44	117	171	100	2,657	No	2,816	Jy	2,533	2,822	2,295	461	21	45	10,951,723
4	CUMBERLAND.....	26	3,074	14	54	53	35	2,918	De	3,061	Fe	2,813	3,061	1,708	1,152	97	104	12,603,942
5	EAST PROVIDENCE.....	37	2,601	28	65	152	68	2,288	De	2,566	Ap	2,138	2,447	1,988	432	14	13	9,740,947
6	NEWPORT.....	87	1,283	88	54	53	56	1,032	My	1,208	Se	893	1,087	800	274	4	.....	2,898,446
7	WARWICK.....	26	1,485	20	35	29	22	1,379	De	1,521	Mh	1,285	1,391	963	372	34	22	6,203,544
8	WEST WARWICK.....	39	5,155	26	120	49	41	4,919	De	5,119	Ja	4,692	5,120	3,017	1,807	154	142	18,506,249
9	WOONSOCKET.....	190	15,623	155	377	414	280	14,387	De	15,750	Fe	11,076	15,792	9,630	5,437	322	403	71,237,671

1 Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

2 Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

[illegible]

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

[illegible]

Lamps.....	1	Needles, pins, and hooks and eyes....	4	Saws.....	2	Surgical appliances.....	2
Lapidary work.....	2	Nets and seines.....	1	Screws, machine.....	1	Suspenders, garters, and elastic	
Lead, bar, pipe, and sheet.....	2	Oil and cake, cottonseed.....	1	Screws, wood.....	2	woven goods.....	2
Leather goods, not elsewhere speci-		Oil, composite oil.....	2	Shipbuilding, steel, new vessels.....	1	Tinware, not elsewhere specified.....	2
fied.....	3	Paints.....	4	Shirts.....	3	Tobacco, smoking.....	1
Leather, tanned, curried, and fin-		Perfumery and cosmetics.....	3	Silk goods.....	4	Toys and games.....	2
ished.....	1	Petroleum, refining.....	1	Soap.....	5	Trunks and valises.....	1
Liquors, malt.....	2	Phonographs and graphophones.....	1	Sporting and athletic goods.....	1	Vanishes.....	1
Looking-glass and picture frames....	3	Pickles and sauces.....	2	Springs, steel, automobile.....	1	Vault lights and ventilators.....	1
Lubricating greases.....	2	Plumbers' supplies, not elsewhere		Stamped ware, not elsewhere specified		Vinegar.....	2
specified.....		specified.....	2	Steam fittings and steam and hot-		Waste.....	1
Mattresses and spring beds, not else-		Regalia, and society badges and em-	8	water heating apparatus.....	3	Window and door screens.....	1
where specified.....		blems.....	1	Stencils and brands.....	1	Window shades and fixtures.....	1
Millinery and lace goods, not else-		Roofing materials.....	1	Stereotyping and electrotyping.....	1	Wirework, not elsewhere specified....	4
where specified.....	5	Rubber tires, tubes, and rubber		Stoves and ranges.....	1	Wood, turned and carved.....	4
Mirrors, framed and unframed, not		goods, not elsewhere specified....	3	Structural ironwork, not made in		Wool shoddy.....	1
elsewhere specified.....	1	Saddlery and harness.....	2	steel works or rolling mills.....	5		
Musical instruments, organ materials							

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

305,769	890,867	4,450,578	96,467	32,551	329,944	8,590,494	202,948	17,841,557	0,048,115	0,932	3,535	300	3,097	807
305,000	385,054	4,082,404	454,773	90,753	864,002	11,576,178	422,575	22,628,477	10,629,724	8,770	2,730	3	1,550	4,487
620,486	860,824	2,912,412	12,177	12,158	949,102	5,414,031	339,487	13,693,723	7,940,205	0,681	3,379	5	3,215	543
107,767	88,858	2,909,705	128,842	5,846	890,801	7,004,153	274,320	15,999,225	8,660,752	10,146	1,625	180	6,739	1,400
252,950	310,482	2,526,483	729,336	7,300	1,805,813	11,570,938	522,590	17,951,394	5,497,866	9,613	6,705	1,100	1,802	4,022
98,131	102,607	1,066,582	423,629	43,610	59,812	1,544,195	244,787	4,166,996	2,477,714	1,892	695	140	290	696
1,434,289	63,428	1,434,289	100,463	13,544	253,557	3,558,159	223,388	7,263,237	5,845	4,325	.....	23	440	1,184
445,391	122,124	4,595,191	00,308	14,473	871,702	12,844,141	434,313	22,164,989	8,385,345	17,725	10,931	44	5,554	1,490
1,544,071	1,052,988	14,192,743	290,761	96,713	4,371,835	59,793,476	1,113,029	93,546,778	32,640,273	34,827	15,748	3,800	107	4,114

^a Same number reported for one or more other months.

MINES AND QUARRIES—RHODE ISLAND.

EXPLANATION OF TERMS.

Scope of census and period covered.—The census of mines, quarries, and petroleum or natural-gas wells does not cover enterprises which were idle; that is, in which neither productive nor development work was done during the entire year, or the products of which were valued at less than \$500; or in the case of bituminous coal mining, producing less than 1,000 tons, or, if not productive, in which development work amounting to less than \$5,000 was done. The returns relate to the calendar year 1919. When use is made of the statistics relating to character of ownership, size of enterprises, and similar subjects, it is imperative that due attention be given their limitations, particularly in connection with any attempt to show average wages, cost of production, or profits.

The enterprise.—The term "enterprise" represents one or more mines and quarries, wells or groups of wells, or natural-gas gasoline plants, all within the same state, operated under a common ownership or unified control, or for which only one set of books of account was kept, and for which a single report was secured. It may cover plants at several localities within the same state. If plants under unified control were not all located within the same state, separate reports were secured in order that statistics for the several enterprises thus defined might be included in statistics for the states in which they were located. The enterprise is further defined as being limited to a single industry.

Number of mines, quarries, wells, and plants.—Under these designations is given the number of mines, quarries, wells, and gasoline plants shown by the returns. As a rule each group of workings at a given locality in which operations were conducted as a unit or were unified by common management or joint handling of some part of the mining process, has been considered as a single mine or quarry. Many individual openings, therefore, are not counted as individual mines. The total number reported comprises those in operation or in the course of development during the year 1919. For petroleum and natural-gas wells the individual wells were counted and the total number productive December 31, 1919, is reported. The number of natural-gas gasoline plants is the total number reported in operation during the year.

Classification by industries.—The enterprises reported have been grouped by industries according to the kind of products.

Selected industries.—The detailed table gives the principal facts separately for the leading industries of the state.

Influence of increased prices.—In comparing figures for cost of supplies and materials and value of products with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years.

Persons engaged in the industry.—The number of persons engaged in each industry, by occupation, sex, and, in the case of wage earners, also by age, was reported for a single representative day. In addition to the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively.

Prevailing hours of labor.—This inquiry called merely for the prevailing practice followed in each enterprise. Occasional variations in hours from one part of the year to another were disregarded, and also where a few wage earners might have hours differing from the majority. All the wage earners of each enterprise are therefore counted in the class within which the enterprise falls.

Capital.—The instructions on the schedule relating to capital were as follows: "The answer should show the total amount of capital, owned and borrowed, invested by the operator in the enterprise on the last day of the business year reported. Do not include securities and loans representing investments in other enterprises." The reports received in respect to capital, however, have in so many cases been defective that the data compiled only indicate very general conditions.

Expenses.—The expenses reported in the census of 1919 include salaries and wages; the cost of supplies, materials, and fuels, including the freight on these; cost of power purchased; the cost of contract work; royalties and rents paid; and taxes paid or assessed. The census of 1909 reported in addition to the items of expenses covered by the present census all other items of expense incident to that year's business, except interest on indebtedness, dividends, and allowances for depreciation.

Supplies and materials, fuel, and power.—Statistics as to supplies and materials, fuel, and power, relate to the cost of these used during the year which may be more or less than the amount purchased during the year. The term "supplies and materials" covers mine, mill, quarry, and well supplies, and mineral purchased for treatment, resale, or distribution.

Royalties and rents.—The amounts given under this head represent the payment to fee holders or the value of share of product credited to fee holders for mineral output from leased land, and also rents paid for plants, equipment, and privileges or easements.

Taxes.—The taxes include Federal capital stock; corporation income, and excess profits tax; and also state, county, and local taxes. The data compiled in respect to Federal taxes are very defective as many mining corporations are engaged in other business and have sources of income other than from mining and do not pay taxes on mining separately.

Expenditures for development work.—In the statistics for producing enterprises that part of the expenses for salaries, wages, contract work, supplies and materials, fuel, and power credited to development work is shown as expenditures for development work. For nonproducing enterprises the total of these expenses is given as expenditure for development work.

Quantity of products.—In so far as the statistics on quantities of mineral products in 1919 are available for the states, they will be found in the reports of the United States Geological Survey.

Value of products.—The amounts given under this heading represent the selling value at point of production or f. o. b. at point of shipment, or such other value as may represent the net value or amount received for the 1919 product under the terms by which it was disposed of, and also includes the value at point of production of products used by the operating company.

Cost of mining and profits.—The data do not show entire cost of mining and well operations, and can not be used for the calculation of profits. No account was taken of depreciation or interest; rent of offices and buildings other than those for mines, quarries, and wells; insurance, selling, and other sundry expenses.

Lands controlled.—The inquiry on land tenure was confined to land pertaining to the operations covered by the report. In many of these, however, land held in reserve for future development and for other purposes not pertaining to mining was included and also a large number of more or less unsatisfactory estimates.

Power used.—The figures on power represent the rated capacity of the engines, motors, etc., and not the amount in actual daily use.

Fuel.—Statistics of fuel are shown only for anthracite and bituminous coal, coke, wood, oil, and gas. As only the principal varieties of fuel are shown, no comparison can be made with the total cost.

STATISTICS FOR THE STATE.

Rhode Island, which ranks forty-eighth among the states in size (land area 1,067 square miles) and thirty-eighth in population (604,397 in 1920), ranked forty-fifth in value of mineral products in 1919. The state also ranked forty-fifth in the total number of persons engaged in the mining industries and in the average number of wage earners employed.

The total value of products of all mines and quarries in Rhode Island in 1919 was \$952,204, which was an increase of 6.1 per cent over the corresponding amount for 1909. Nevertheless, a decline in the quarrying industries in Rhode Island is indicated by Table 1. The decreases therein shown in the number of enterprises and individual quarries and mines operated and in the number of wage earners employed are more significant than the increases in cost of supplies and materials and fuel and power, and in value of products, which are largely due to general price increases. The large increase in taxes shown is accounted for by the incidence of new taxes since 1909.

The mining and quarrying industries reported for 1919, classified by principal products and listed in order of value of products, were granite, basalt or trap rock, and graphite.

Production of granite was the leading mineral industry in Rhode Island. This industry included 8 out of a total of 14 mineral enterprises reported in the state, employed 71 per cent of the total number of wage earners, and produced stone to the value of

\$733,683, or 77.1 per cent of the total value of products of all mines and quarries in the state.

Table 2 shows that among operators of quarrying and mining enterprises in Rhode Island corporations were in the majority. This form of organization conducted 57.1 per cent of the number of enterprises, employed 75.1 per cent of the total number of wage earners, and reported 81.5 per cent of the total value of products.

The relative importance of enterprises, as determined by the average number of wage earners employed, is shown in Table 3. The small enterprises, employing less than 101 wage earners each, included 13 out of a total of 14, and only 1 of the 13 employed more than 50 wage earners. The 12 smaller enterprises, each having less than 50 wage earners, together employed 51 per cent of the total number of wage earners, whereas the two larger enterprises employed 49 per cent.

The prevailing hours of labor, as shown in Table 4, were 44 to 53 per week in the majority of enterprises and for 75.6 per cent of the wage earners.

The statistics for wage earners given in Table 5, showing changes in the number employed month by month, reflect conditions prevailing in the industries during the census year.

Table 6 presents for 1919 statistics in detail for the state as a whole and for granite, the only industry that can be shown without disclosing individual operations.

TABLE 1.—COMPARATIVE SUMMARY, PRODUCING ENTERPRISES: 1919 AND 1909.

	MINING INDUSTRIES.		Per cent of increase. ¹		MINING INDUSTRIES.		Per cent of increase. ¹
	1919	1909			1919	1909	
Number of enterprises.....	14	21	—	Capital.....	\$810,066	\$567,015	42.9
Number of mines and quarries.....	15	27	—	Principal expenses:			
Persons engaged.....	421	725	—41.9	Salaries.....	82,681	57,889	42.8
Proprietors and firm members, total.....	6	18	—	Wages.....	399,643	409,883	—2.5
Number performing manual labor in or about the mines and quarries.....		7	—	Contract work.....	1,000		
Salaried employees.....	40	42	—	Supplies and materials.....	146,637	130,947	12.0
Wage earners (average number).....	369	665	—44.5	Fuel and power.....	55,075	26,991	104.0
Power used (horsepower).....	3,000	2,350	27.7	Royalties and rents.....	5,755	8,552	—32.7
				Taxes.....	9,279	3,343	177.6
				Value of products.....	952,204	897,606	6.1

¹ A minus sign (—) denotes decrease. Percentages are omitted where base is less than 100.

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TABLE 2.—CHARACTER OF ORGANIZATION, FOR SELECTED INDUSTRIES, PRODUCING ENTERPRISES: 1919.

INDUSTRY AND CHARACTER OF ORGANIZATION.	Number of enterprises.	Number of wage earners.	VALUE OF PRODUCTS.		PER CENT DISTRIBUTION.		
			Total.	Per enterprise.	Enterprises.	Wage earners.	Value of products.
ALL INDUSTRIES.....	14	369	\$952,204	\$68,015	100.0	100.0	100.0
Corporation.....	8	277	775,855	96,982	57.1	75.1	81.5
Individual.....	6	92	176,349	29,392	42.9	24.9	18.5
GRANITE.....	8	262	733,683	91,710	100.0	100.0	100.0
Corporation.....	4	238	687,510	171,878	50.0	90.8	93.7
Individual.....	4	24	46,173	11,543	50.0	9.2	6.3

TABLE 3.—SIZE OF PRODUCING ENTERPRISES, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES: 1919.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	ENTERPRISES.		WAGE EARNERS.		INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	ENTERPRISES.		WAGE EARNERS.	
	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.
ALL INDUSTRIES.....	14	100.0	369	100.0	GRANITE.....	8	100.0	262	100.0
1 to 5.....	5	35.7	21	5.7	1 to 5.....	3	37.5	15	5.7
6 to 20.....	3	21.4	32	8.7	6 to 20.....	2	25.0	20	7.6
21 to 50.....	4	28.6	135	36.6	21 to 50.....	1	12.5	46	17.6
51 to 100.....	1	7.1	74	20.1	51 to 100.....	1	12.5	74	28.2
101 to 600.....	1	7.1	107	29.0	101 to 600.....	1	12.5	107	40.8

TABLE 4.—NUMBER OF PRODUCING ENTERPRISES AND AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES: 1919.

INDUSTRY.	TOTAL.		NUMBER WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—					
	Enterprises.	Wage earners.	35 and under.		44 to 53.		54 to 62.	
			Enterprises.	Wage earners.	Enterprises.	Wage earners.	Enterprises.	Wage earners.
All industries.....	14	369	1	5	8	279	5	85
Granite.....	8	262	1	5	6	247	1	10
All other industries.....	6	107	.....	.....	2	32	4	75

TABLE 5.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

INDUSTRY.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.												Per cent minimum is of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
All industries.....	369	246	281	303	349	389	393	427	424	438	395	404	379	56.2
Granite.....	262	192	202	209	235	272	275	304	302	316	278	287	272	60.8
All other industries.....	107	<i>54</i>	79	94	114	117	118	123	122	122	117	117	107	43.9

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TABLE 6.—DETAILED STATISTICS FOR MINING INDUSTRIES: 1919.

	PRODUCING ENTERPRISES.				PRODUCING ENTERPRISES.		
	Total.	Granite.	All other. ¹		Total.	Granite.	All other. ¹
Number of enterprises.....	14	8	6	Persons engaged in industry—Continued. Wage earners by occupation (Dec. 15)—Con. Miners, quarrymen, and drillmen, including their helpers—			
Number of mines and quarries.....	15	8	7				
Capital.....	\$310,066	\$553,866	\$256,200	Above ground.....	166	114	52
Principal expenses:				Below ground.....	2		2
Salaries and wages—				Timbermen, trackmen, and men engaged in hauling, tramming, etc.—			
Officers.....	\$22,435	\$18,335	\$4,100	Above ground.....	11	5	6
Superintendents and managers.....	\$34,185	\$17,321	\$16,864	Muckers, loaders, laborers, and others not classified—			
Technical employees.....	\$11,073	\$11,073		Above ground.....	100	63	37
Clerks, etc.....	\$14,888	\$10,546	\$4,142	Wage earners employed in mills and beneficiating plants—			
Wage earners.....	\$399,648	\$289,227	\$119,421	Above ground.....	70	70	
Supplies and materials.....	\$146,637	\$122,500	\$24,137	Mineral land operated.....acres..	570	433	137
Fuel.....	\$45,526	\$30,999	\$14,527	Land controlled, total.....acres..	1,334	1,197	137
Power.....	\$9,549	\$7,293	\$2,256	Mineral land owned.....	512	377	135
Royalties and rents.....	\$5,755	\$5,045	\$110	Mineral land leased.....	58	56	2
Taxes.....	\$9,279	\$7,764	\$1,525	Timber and other lands owned and leased..	764	764	
Contract work.....	\$1,000		\$1,000	Power used: Aggregate horsepower.....	3,000	2,460	540
Expenditures for development (included in the above items).....	\$14,200	\$11,200	\$3,000	Prime movers (horsepower, total).....	1,844	1,520	324
Value of products.....	\$952,204	\$733,683	\$218,521	Steam engines—			
Persons engaged in industry.....	421	296	125	Number.....	58	40	9
Proprietors and firm members (total).....	6	4	2	Horsepower.....	1,840	1,520	320
Salaries officers.....	5	3	2	Internal-combustion engines—			
Superintendents and managers.....	20	11	9	Number.....	1		1
Technical employees.....	6	6		Horsepower.....	4		4
Clerks, etc.....	15	10	5	Purchased power (horsepower, total).....	1,156	910	246
Wage earners (average number).....	369	262	107	Electric motors operated by purchased current—			
Wage earners by occupation (Dec. 15):				Number.....	20	21	8
Above ground (total).....	420	307	113	Horsepower.....	1,156	940	216
Below ground (total).....	2		2	Fuel used:			
Foremen, shift bosses, etc.—				Coal, anthracite.....tons, 2,240 pounds..	118	18	100
Above ground.....	20	17	3	Coal, bituminous.....tons, 2,000 pounds..	6,316	5,008	1,218
Enginemen, holstmen, electricians, mechanics, etc.—				Wood.....cords..	6		6
Above ground.....	53	38	15	Gasoline and other volatile oils....barrels..	187	125	62

¹Includes enterprises as follows: Basalt, 4; graphite, 2.