

Census
A 81
1920
#596
Oreg.

206

BUREAU OF THE CENSUS LIBRARY

CONTENTS—OREGON.

SUMMARY FOR THE UNITED STATES, BY DIVISIONS AND STATES—POPULATION, AGRICULTURE, MANUFACTURES, MINING.....	Page. 2
CENTERS OF POPULATION, 1790-1920, AND CENTERS OF FARMS, AGRICULTURAL PRODUCTS, AND MANUFACTURES, 1850-1920.....	6

POPULATION.

NUMBER AND DISTRIBUTION OF INHABITANTS.	
SUMMARY TABLES:	Page.
Population of Oregon: 1850 to 1920.....	7
Population of principal cities from earliest census to 1920.....	8
Urban and rural population: 1920, 1910, and 1900.....	8
DETAILED TABLES:	
1. Area and population of counties: 1850 to 1920.....	11
2. Population of counties by minor civil divisions: 1920.....	12
3. Population of incorporated places: 1920, 1910, and 1900.....	18
4. Population of wards of cities having 5,000 inhabitants or more: 1920.....	19
5. Urban and rural population of counties: 1920, 1910, and 1900.....	19
MAPS:	
Increase or decrease in total and rural population, by counties: 1910 to 1920.....	9
Density of total and rural population, by counties: 1920.....	10
COMPOSITION AND CHARACTERISTICS OF THE POPULATION.	
SUMMARY TABLES:	
1. Color or race, nativity, parentage, and sex, for the state and urban and rural population: 1920, 1910, and 1900.....	22
2. School attendance for the state and urban and rural population: 1920 and 1910.....	22
3. Age, for the state and urban and rural population: 1920 and 1910.....	23
4. Literacy, for the state and urban and rural population: 1920 and 1910.....	24
5. Population 21 years of age and over, by sex, class of population, and citizenship, for the state: 1920 and 1910.....	25
6. Country of birth of foreign-born white, for state and principal cities: 1920.....	25
7. Indians, Chinese, and Japanese, for counties and Portland: 1920, 1910, and 1900.....	25
8. Age, for cities of 10,000 or more: 1920.....	26
DETAILED TABLES:	
9. Composition and characteristics of the population, for counties: 1920.....	27
10. Composition and characteristics of the population, for cities of 10,000 or more: 1920.....	31
11. Composition and characteristics of the population, for places of 2,500 to 10,000: 1920.....	32
12. Country of birth of the foreign-born white, for counties and for cities of 10,000 or more: 1920.....	33
13. Age, by quinquennial periods, with single years for persons under 25, for the state: 1920.....	34
14. Marital condition of the population 15 years of age and over, for the state: 1920, 1910, and 1900.....	35
15. Total, white, and colored population, with state of birth for natives, for the state: 1920.....	36
16. Country of birth of the foreign-born population, with citizenship of the foreign-born white, for the state: 1920.....	36
17. Year of immigration of the foreign-born population, for the state: 1920.....	36
18. Foreign-born white population unable to speak English: 1920.....	36
19. School attendance, by age periods, for the state: 1920.....	37
20. School attendance, by single years from 5 to 20, for the state: 1920.....	37
21. Illiteracy of the population 10 years of age and over, by age periods, for the state: 1920.....	37
22. Country of origin and mother tongue of the foreign white stock, for the state: 1920.....	38
23. Ownership of homes, for counties and places having 10,000 inhabitants or more: 1920.....	38
24. 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.....	39
25. 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.....	42
SUPPLEMENTAL TABLES: Indian, Chinese, and Japanese population.....	43
MAP: Per cent of foreign-born white in total population, by counties: 1920.....	26

AGRICULTURE.

FARMS AND FARM PROPERTY.....	45
Map showing counties, principal cities, rivers, and mountains.....	46
Explanation of terms.....	47
Number of farms, acreage, and value.....	47
Farms by size.....	48
Farms by tenure.....	48
Farms by sex, race, and nativity of farmer.....	49
Farm mortgages.....	49
Farm expenditures for labor, fertilizer, and feed.....	49
LIVE STOCK ON FARMS AND ELSEWHERE.....	50
LIVE-STOCK PRODUCTS.....	51
CROPS.....	53
MISCELLANEOUS ITEMS (from second series of tabulations):	
Age of farmers.....	56
Farmers classified by number of years on farm.....	56
Cooperative marketing and purchasing.....	56
Farm facilities—Motor vehicles, telephones, water, and light on farms.....	56
Pure-bred live stock on farms.....	56
Calves, pigs, and lambs raised on farms.....	57
Domestic animals sold or slaughtered on farms.....	57

AGRICULTURE—Continued.

MISCELLANEOUS ITEMS—Continued.	
Sales of selected crops.....	57
Fruit products of farms.....	57
Forest products of farms.....	57
Nurseries and greenhouses.....	57
COUNTY TABLES:	
I.—Farms and farm property, 1920, with selected items for 1910 and 1900.....	58
II.—Live stock on farms and ranges, 1920; live-stock products, 1919.....	62
III.—Domestic animals not on farms or ranges: 1920.....	66
IV.—Value of all crops, and acreage and production of principal crops: 1919.....	67
V.—Mortgage debt, 1920; expenditures for labor, fertilizer, and feed, 1919.....	71
IRRIGATION.	
INTRODUCTION.....	73
MAP SHOWING APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND.....	74
EXPLANATION OF TERMS.....	75
CLIMATIC CONDITIONS.....	76
WATER SUPPLY FOR IRRIGATION.....	76
FARMS AND ACREAGE IRRIGATED:	
Acreage, by character of enterprise.....	77
Acreage, by character of water rights.....	77
Acreage, by drainage basin.....	77
CAPITAL INVESTED AND COST OF OPERATION AND MAINTENANCE.....	77
DRAINAGE OF IRRIGATED LAND.....	79
QUANTITY OF WATER USED.....	79
IRRIGATION WORKS.....	80
CROPS.....	83
COUNTY TABLE.—Acreage irrigated, 1919 and 1909; and acreage in enterprises, irrigation works, and capital invested in irrigation enterprises, 1920 and 1910.....	84

MANUFACTURES.

EXPLANATION OF TERMS.....	87
GENERAL STATISTICS:	
General character of the state.....	89
Comparative summary.....	90
Statistics for the state, by counties.....	91
Principal industries, ranked by value of products.....	91
Persons engaged in manufacturing industries.....	92
Average number of wage earners for selected industries, with per cent, by sex and age.....	92
Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more.....	92
Wage earners, by months.....	93
Wage earners, by months, for selected industries and for cities.....	93
Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.....	94
Size of establishments, by average number of wage earners, for selected industries and for cities.....	95
Size of establishments, by value of products.....	95
Size of establishments, by value of products, for selected industries.....	96
Size of establishments, by value of products, for cities of 10,000 inhabitants or more.....	97
Character of ownership, for selected industries and for cities.....	97
Manufactures, by population groups, in cities of 10,000 inhabitants or more.....	98
Principal industries in Portland, with per cent of total, for state.....	98
Number and horsepower of types of prime movers.....	99
Fuel consumed.....	99
SPECIAL STATISTICS:	
Flour-mill and gristmill products.....	100
Slaughtering and meat packing.....	100
Shipbuilding, including boat building.....	101
Canning and preserving.....	101
Butter, cheese, and condensed milk.....	102
Printing and publishing.....	102
Laundries.....	103
Dyeing and cleaning.....	103
Custom gristmills.....	103
GENERAL TABLES:	
Table 30.—Comparative summary for selected industries and for cities: 1910, 1914, and 1909.....	104
Table 31.—Detailed statement of all industries combined and specified industries: 1919.....	106

MINES AND QUARRIES.

EXPLANATION OF TERMS.....	115
GENERAL STATISTICS:	
Comparative summary, producing enterprises: 1919 and 1909.....	117
Principal industries, producing enterprises, ranked by value of products: 1919.....	117
Character of organization, for selected industries, producing enterprises: 1919.....	117
Size of producing enterprises, by average number of wage earners, for selected industries: 1919.....	118
Number of producing enterprises and average number of wage earners, by prevailing hours of labor per week, for selected industries: 1919.....	118
Wage earners, by months, for selected industries: 1919.....	118
DETAILED STATISTICS FOR MINING INDUSTRIES: 1919.....	119

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.	
														Number.	Per cent.
1	United States..	2105,710,620	53,900,431	51,810,189	58,421,957	22,686,204	13,712,754	13.0	10,463,131	9.9	28,564,716	10,451,851	82,739,315	4,931,905	6.0
2	GEOGRAPHIC DIVS.:														
3	New England.....	7,400,909	3,672,591	3,728,318	2,803,149	2,042,276	1,870,654	25.3	79,051	1.1	1,768,290	1,223,623	5,945,989	280,700	4.9
4	Middle Atlantic.....	22,261,144	11,206,445	11,054,699	9,631,012	7,098,253	4,912,575	22.1	600,183	2.7	5,527,757	3,746,500	17,066,354	805,882	4.9
5	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	17,130,780	495,470	2.9
6	W. North Central.....	12,544,249	6,459,067	6,085,182	7,475,548	3,377,878	1,371,961	10.9	278,521	2.2	3,393,143	2,420,929	9,889,740	193,221	2.0
7	South Atlantic.....	13,990,272	7,035,843	6,954,429	8,779,416	553,004	315,920	2.3	4,325,120	30.9	4,323,620	2,818,400	10,513,447	1,212,942	11.5
8	E. South Central.....	8,893,307	4,471,090	4,421,617	6,092,782	202,826	71,939	0.8	2,523,532	28.4	2,818,595	1,858,659	6,877,229	845,459	12.7
9	W. South Central.....	10,242,224	5,265,829	4,976,395	6,959,785	696,009	459,333	4.5	2,063,579	20.1	3,259,000	2,097,599	7,739,536	773,637	10.0
10	Mountain.....	3,336,101	1,789,299	1,546,802	2,002,508	757,109	453,225	13.6	30,801	0.9	896,406	656,038	2,564,463	132,659	5.2
	Pacific.....	5,566,871	2,904,628	2,662,245	2,887,387	1,432,379	1,033,868	18.6	47,790	0.9	1,227,268	900,734	4,611,771	123,435	2.7
	NEW ENGLAND:														
11	Maine.....	768,014	388,752	379,262	495,780	162,566	107,349	14.0	1,310	0.2	188,822	134,299	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	104,531	73,063	361,930	15,788	4.4
13	Vermont.....	352,428	178,854	173,574	228,325	78,906	44,526	12.6	672	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	45,466	1.2	907,212	633,124	3,106,769	140,607	4.7
15	Rhode Island.....	604,397	297,524	306,873	173,553	246,928	173,499	28.7	10,036	1.7	149,774	95,499	483,788	31,312	6.5
16	Connecticut.....	1,380,631	695,335	685,296	449,206	533,013	376,513	27.3	21,046	1.5	330,599	225,094	1,087,797	67,265	6.2
	MIDDLE ATLANTIC:														
17	New York.....	10,385,227	5,187,359	5,197,877	3,668,206	3,717,649	2,786,112	26.8	198,483	1.9	2,461,306	1,650,905	8,402,780	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	529,979	2,494,246	127,661	5.1
19	Pennsylvania.....	8,720,017	4,420,020	4,300,997	4,760,071	2,204,805	1,387,850	15.9	284,568	3.3	2,280,411	1,663,676	6,709,322	312,699	4.6
	E. NORTH CENTRAL:														
20	Ohio.....	5,750,394	2,955,980	2,803,414	3,669,122	1,224,074	678,097	11.8	180,187	3.2	1,386,799	980,417	4,624,456	131,006	2.8
21	Indiana.....	2,930,390	1,480,074	1,441,316	2,329,544	368,659	150,868	5.1	80,810	2.8	745,281	516,237	2,356,214	52,034	2.2
22	Illinois.....	6,485,280	3,304,833	3,180,447	3,066,563	2,025,819	1,206,951	18.6	182,274	2.8	1,619,847	1,108,216	5,184,943	173,987	3.4
23	Michigan.....	3,668,412	1,928,436	1,739,976	1,670,447	1,204,545	726,635	19.8	60,082	1.6	893,744	620,165	2,895,606	88,046	3.0
24	Wisconsin.....	2,632,067	1,356,718	1,275,349	1,054,694	1,102,116	460,128	17.5	5,201	0.2	704,966	489,671	2,069,567	50,397	2.4
	W. NORTH CENTRAL:														
25	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	1,229,392	1,174,629	1,528,553	629,981	225,647	9.4	19,005	0.8	627,243	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	186,026	5.5	178,241	5.2	901,694	624,395	2,737,771	83,403	3.0
28	North Dakota.....	640,872	311,673	305,199	207,966	300,485	131,503	20.3	467	0.1	198,020	146,280	470,210	9,937	2.1
29	South Dakota.....	636,547	337,120	299,427	308,598	228,158	82,391	12.9	832	0.1	181,271	131,043	482,195	8,109	1.7
30	Nebraska.....	1,296,372	672,805	623,567	757,064	372,503	149,652	11.5	13,242	1.0	358,143	256,961	1,012,552	13,784	1.4
31	Kansas.....	1,760,257	909,221	860,036	1,308,804	289,524	110,578	6.2	57,925	3.3	483,480	356,167	1,306,725	22,821	1.6
	SOUTH ATLANTIC:														
32	Delaware.....	223,003	113,755	109,248	139,876	32,929	19,810	8.9	30,335	13.6	54,739	37,759	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	28,548	6.5	109,906	25.1	89,931	58,005	377,295	10,500	2.8
35	Virginia.....	2,309,187	1,168,462	1,140,695	1,534,494	52,630	30,785	1.3	690,017	29.9	709,080	460,037	1,748,808	195,159	11.2
36	West Virginia.....	1,469,701	763,100	706,601	1,232,857	82,472	61,906	4.2	86,345	5.9	437,703	297,044	1,083,395	69,413	6.4
37	North Carolina.....	2,559,123	1,279,062	1,280,061	1,765,203	11,477	7,099	0.3	763,407	29.8	839,574	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	864,719	51.4	576,564	393,077	1,219,316	220,667	18.1
39	Georgia.....	2,895,832	1,444,823	1,451,009	1,642,097	30,231	16,186	0.6	1,206,365	41.7	953,304	570,386	2,150,230	328,888	15.3
40	Florida.....	968,470	495,320	473,150	532,295	62,850	43,008	4.4	329,487	34.0	280,719	179,803	751,787	71,811	9.6
	E. SOUTH CENTRAL:														
41	Kentucky.....	2,416,630	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	900,662	38.4	774,048	499,888	1,730,421	278,082	16.1
44	Mississippi.....	1,790,518	897,124	893,494	820,762	19,181	8,019	0.4	935,184	52.2	602,192	389,702	1,338,612	229,734	17.2
	W. SOUTH CENTRAL:														
45	Arkansas.....	1,752,204	895,228	856,976	1,226,092	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	327,646	1,366,065	299,092	21.9
47	Oklahoma.....	2,028,233	1,058,044	970,239	1,079,107	102,119	30,968	2.0	149,408	7.4	647,939	444,247	1,513,951	56,804	3.8
48	Texas.....	4,603,223	2,400,222	2,203,001	3,112,202	445,384	360,519	7.7	741,694	15.9	1,466,089	950,688	3,556,614	295,844	8.3
	MOUNTAIN:														
49	Montana.....	548,889	290,941	248,948	275,803	164,837	93,620	17.1	1,658	0.3	135,886	102,621	421,443	9,544	2.3
50	Idaho.....	431,866	233,019	197,047	294,252	92,453	38,903	9.0	920	0.2	122,278	95,027	326,051	4,924	1.5
51	Wyoming.....	194,402	110,359	84,043	122,834	42,007	25,235	13.0	1,376	0.7	47,474	34,887	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	239,928	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	183,002	150,560	151,145	62,205	78,099	23.4	8,005	2.4	89,404	54,387	255,401	30,131	15.3
55	Utah.....	449,396	232,051	217,345	245,781	139,665	56,455	12.6	1,446	0.3	196,039	107,008	331,530	6,264	1.9
56	Nevada.....	77,407	46,240	31,167	36,285	19,612	14,802	19.1	846	0.4	15,601	11,444	63,905	3,802	5.9
	PACIFIC:														
57	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	18,520	1.7
58	Oregon.....	783,389	416,334	367,055	497,726	169,260	102,151	13.0	2,144	0.3	187,704	14			

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, 55,036; Hawaii, 255,912; Porto Rico, 1,299,809; American Samoa, 8,056; Guam, 13,275; Panama Canal Zone, 22,858; Philippine Islands, 10,314,310 (Dec. 31, 1918); Virgin Islands, 28,051 (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
4,501,477	280,826	6.1	2,829,837	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	8,549,066	4,477,752	2,024,619	10.7	400,441	6.0	1,892,789	425,147	20.7	40,572,001	95.4	26,562,107	65.5	3
13,025,695	480,238	3.7	9,676,916	2,978,575	1,576,067	11.4	359,341	8.7	4,915,633	1,084,744	28.1	117,735,179	108.5	87,894,835	74.7	4
7,278,548	180,616	2.5	5,777,875	1,291,794	874,132	6.8	187,865	12.5	5,171,690	1,096,961	34.2	250,973,229	234.3	171,394,439	66.7	5
7,212,523	1,006,764	14.0	4,805,590	287,215	131,423	13.5	2,111,952	31.5	6,416,698	1,158,976	46.3	97,775,243	84.4	48,500,886	49.6	6
4,523,944	700,098	15.5	3,171,417	67,242	38,335	9.3	1,284,069	34.1	5,182,937	1,051,600	49.7	78,897,463	75.0	44,380,132	56.3	7
5,243,779	611,363	11.7	3,790,823	357,220	114,258	29.1	1,082,244	30.5	5,228,199	906,088	52.0	173,449,127	174.1	64,189,606	37.0	8
1,888,921	113,384	6.0	1,421,859	394,008	210,804	12.7	23,881	5.8	1,168,367	244,100	15.4	117,337,226	480.7	30,105,888	25.7	9
3,670,077	116,240	3.2	2,584,988	939,623	482,872	8.8	34,867	5.4	1,014,173	234,164	20.1	56,152,705	239.8	23,921,533	42.6	10
475,191	18,572	3.9	379,356	94,329	40,479	12.0	876	0.8	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	36,021	13.4	388	7.7	76,021	20,523	6.7	2,603,806	126.9	702,902	27.0	12
217,042	8,162	3.8	178,442	35,232	19,825	12.5	342	8.2	125,263	29,075	11.6	4,235,811	145.7	1,091,595	39.9	13
2,411,607	142,750	5.9	1,889,441	988,913	441,410	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	204,916	166,866	78,176	17.5	6,554	12.5	15,136	4,083	15.5	331,600	81.2	132,855	40.1	15
898,074	65,776	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	124,368	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	1,555,607	68.2	18
5,039,091	303,805	6.0	3,671,008	1,274,033	595,290	20.1	101,226	7.3	948,334	202,250	21.9	17,657,513	87.3	11,847,719	67.1	19
3,558,481	126,045	3.6	2,807,874	622,523	293,535	13.4	120,940	9.7	1,139,329	256,695	29.5	23,515,888	91.6	18,542,353	78.9	20
1,779,820	50,147	2.8	1,685,076	140,373	69,607	12.7	53,935	11.7	907,205	205,126	32.0	21,033,332	102.7	10,680,212	70.2	21
3,944,197	169,127	4.3	2,694,677	1,117,928	639,446	11.4	128,450	7.9	1,098,292	237,181	42.7	31,974,775	134.8	27,294,533	85.4	22
2,215,436	85,613	3.9	1,604,907	663,160	330,958	10.5	45,407	4.9	848,710	196,447	17.7	19,032,961	96.9	12,925,521	67.9	23
1,527,061	48,706	3.2	1,484,382	434,591	249,161	8.8	3,009	4.8	920,037	189,295	14.4	22,148,223	117.0	12,452,216	56.2	24
1,380,834	32,869	2.4	908,810	462,582	319,300	5.6	0,006	3.5	897,181	178,478	24.7	30,221,758	169.3	21,481,710	71.1	25
1,428,682	19,444	1.4	1,201,080	214,479	153,271	5.0	12,658	0.9	934,799	213,439	41.7	33,474,806	156.8	23,606,951	85.5	26
2,038,814	77,348	3.8	1,748,813	173,551	104,448	10.0	121,828	14.3	1,211,846	263,004	23.8	34,774,670	132.2	24,832,966	71.4	27
3,222,918	9,373	2.9	1,985,245	121,047	91,187	5.9	336	4.8	394,600	77,690	25.6	36,214,751	466.1	24,563,178	67.8	28
844,846	7,640	2.2	257,605	78,027	55,164	4.9	520	6.7	362,221	74,637	34.9	34,630,491	404.1	18,199,250	52.5	29
738,310	12,972	1.8	685,753	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	884,379	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
802,391	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	3,136,728	65.9	33
305,255	10,190	3.3	202,804	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	162,378	13.5	827,272	27,851	14,057	7.5	351,231	20.3	1,064,417	186,242	25.6	18,561,112	99.7	9,460,492	51.0	35
752,344	61,468	8.2	645,641	55,405	14,141	25.4	51,145	18.9	477,924	87,289	16.2	9,569,790	109.6	5,520,308	57.7	36
1,210,727	204,492	16.9	959,667	6,488	3,235	7.0	342,756	32.4	1,601,227	269,763	43.5	20,021,736	74.2	8,198,409	40.9	37
779,991	179,452	23.0	399,555	5,941	3,062	6.5	370,930	38.7	1,074,693	192,693	64.5	12,426,675	64.5	6,184,159	49.8	38
1,421,606	261,204	18.4	831,173	14,855	8,316	5.6	575,330	35.8	1,685,213	310,732	66.6	25,441,061	81.9	13,055,209	51.3	39
536,614	58,497	10.9	316,746	38,370	16,109	6.6	181,008	24.8	281,593	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	79.9	13,975,746	64.7	41
1,214,947	153,163	12.6	955,125	14,319	7,708	8.7	245,395	26.9	1,271,708	252,774	41.1	19,510,856	77.2	11,185,302	57.3	42
1,143,355	228,565	20.0	686,926	16,105	8,603	11.3	441,180	38.8	1,335,885	266,099	57.9	19,576,856	76.4	9,893,407	50.6	43
876,106	182,135	20.8	414,329	7,330	3,631	13.4	453,663	35.9	1,270,482	272,101	66.1	18,196,979	66.9	9,326,677	51.2	44
867,202	99,413	11.5	611,737	13,166	7,569	8.3	242,284	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	22.0	350,251	43.8	786,050	135,463	57.1	10,019,822	74.0	5,026,226	56.2	46
1,021,588	48,076	4.7	884,745	36,108	19,372	13.4	70,331	16.4	1,017,827	191,988	51.0	31,951,934	166.4	18,125,321	66.7	47
2,430,715	233,894	9.6	1,777,552	266,718	72,121	33.8	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	35,709	56,627	6.0	1,262	6.7	225,667	57,677	11.3	35,070,656	608.1	11,007,278	31.4	49
234,076	4,510	1.9	193,818	36,170	23,804	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	67,806	15,748	12.5	11,809,351	749.9	2,102,005	17.8	51
564,520	22,080	3.9	448,781	105,017	62,318	12.8	8,106	7.4	266,073	59,934	23.0	24,462,014	408.1	7,744,767	31.7	52
185,186	34,952	18.9	149,224	21,933	5,881	28.6	4,809	4.4	161,446	20,844	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	28.7	6,550	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	32,254	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	277	4.7	16,16							

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

Table continued from preceding page.]

AGRICULTURE—Continued.										
DIVISION AND STATE.		VALUE OF FARM PROPERTY: 1920				VALUE OF FARM PRODUCTS: 1919				
		Total.	Land and buildings.	Implements and machinery.	Live stock.	Total (gross value). ¹	Live-stock products. ²	Domestic animals sold, etc. ³	Crops.	Miscellaneous products. ⁴
United States		Dollars. 77,924,100,338	Dollars. 66,316,002,602	Dollars. 3,594,772,928	Dollars. 8,013,324,808	Dollars. 21,425,623,614	Dollars. 2,687,072,273	Dollars. 3,511,050,000	Dollars. 14,765,364,894	Dollars. 492,136,447
GEOGRAPHIC DIVISIONS:										
1	New England.....	1,173,019,504	917,468,584	92,387,525	163,163,485	505,397,039	132,411,030	55,500,000	275,175,536	42,310,473
2	Middle Atlantic.....	3,949,684,183	3,002,137,754	359,162,336	588,394,093	1,561,158,784	412,900,765	170,200,000	914,499,927	63,498,022
3	East North Central.....	17,245,362,593	14,937,641,671	786,076,805	1,521,644,117	4,410,240,680	721,387,462	784,200,000	2,818,367,792	86,235,420
4	West North Central.....	27,991,434,545	24,469,495,109	1,162,938,264	2,359,001,112	5,581,297,432	550,742,614	1,312,600,000	3,676,902,149	41,052,060
5	South Atlantic.....	6,132,917,760	5,201,773,472	283,980,857	647,163,431	2,629,345,406	204,301,903	221,550,000	2,083,808,429	119,685,074
6	East South Central.....	4,419,466,237	3,663,693,363	176,064,886	579,707,988	1,795,544,716	169,643,789	250,500,000	1,306,179,989	73,220,938
7	West South Central.....	7,622,066,027	6,291,188,072	311,098,700	1,019,779,165	2,739,481,559	181,340,648	352,200,000	2,168,622,649	37,312,262
8	Mountain.....	4,083,137,939	3,163,187,783	190,715,673	729,234,483	921,882,633	121,132,969	230,700,000	562,954,399	7,095,265
9	Pacific.....	5,307,011,460	4,669,416,734	232,357,792	405,236,934	1,281,275,305	183,145,033	127,600,000	948,854,024	21,076,248
NEW ENGLAND:										
11	Maine.....	270,526,733	204,108,971	26,637,660	39,780,102	154,076,196	26,075,219	15,700,000	100,152,324	12,148,053
12	New Hampshire.....	118,656,115	89,995,870	9,499,322	19,100,923	51,771,331	14,681,368	7,700,000	23,509,665	5,880,298
13	Vermont.....	222,736,620	159,117,159	21,234,130	42,385,331	99,473,142	31,573,340	13,300,000	47,999,600	6,000,292
14	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
15	Rhode Island.....	33,036,706	26,387,926	2,408,561	4,840,279	13,682,138	5,367,831	1,300,000	5,340,378	1,673,570
16	Connecticut.....	226,991,617	190,270,827	13,248,097	23,472,693	77,171,038	20,892,330	6,600,000	44,472,644	5,236,061
MIDDLE ATLANTIC:										
17	New York.....	1,903,483,201	1,425,061,740	109,866,766	313,554,695	743,823,392	225,465,739	71,000,000	417,046,804	30,310,780
18	New Jersey.....	311,847,048	250,323,986	25,459,205	36,064,767	135,000,544	31,482,945	8,700,000	87,484,136	7,333,413
19	Pennsylvania.....	1,729,353,034	1,326,752,028	163,826,365	238,774,641	682,334,848	150,012,081	90,500,000	409,968,877	25,853,890
EAST NORTH CENTRAL:										
20	Ohio.....	3,095,666,336	2,661,435,949	149,575,299	287,655,118	941,729,697	155,587,919	159,400,000	607,037,562	19,704,216
21	Indiana.....	3,042,311,247	2,653,643,973	127,403,038	201,264,188	782,101,167	99,350,023	171,100,000	497,229,719	14,421,425
22	Illinois.....	6,066,767,235	5,997,983,566	222,619,605	440,154,064	1,298,906,947	142,351,262	274,800,000	894,737,833	17,017,852
23	Michigan.....	1,793,334,778	1,436,686,210	122,389,936	204,258,632	606,886,581	111,076,235	75,600,000	404,014,810	16,195,636
24	Wisconsin.....	2,677,282,997	2,187,881,973	167,088,909	322,312,115	780,616,288	213,022,023	103,300,000	445,347,838	18,940,397
WEST NORTH CENTRAL:										
25	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	11,228,213
26	Iowa.....	8,524,870,956	7,001,772,290	309,172,398	613,926,268	1,447,938,473	130,250,447	420,300,000	890,391,299	6,090,727
27	Missouri.....	3,591,068,085	3,062,967,700	138,261,340	389,839,045	952,603,263	105,601,436	270,800,000	559,047,884	17,213,903
28	North Dakota.....	1,769,742,995	1,488,821,495	114,186,865	157,034,635	368,055,889	30,979,932	34,900,000	301,782,935	393,022
29	South Dakota.....	2,823,870,212	2,472,893,681	112,408,298	238,668,263	411,111,307	35,739,209	63,700,000	311,006,809	665,239
30	Nebraska.....	4,201,055,992	3,712,107,760	153,104,448	336,443,784	784,677,206	54,612,075	208,700,000	519,720,771	1,635,390
31	Kansas.....	3,302,806,187	2,830,063,918	154,716,977	318,025,292	882,365,863	80,322,550	210,200,000	588,923,248	2,920,065
SOUTH ATLANTIC:										
32	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	944,373
33	Maryland.....	403,638,120	386,596,850	28,070,020	48,071,250	158,178,779	25,522,172	16,800,000	109,868,608	5,997,990
34	District of Columbia.....	5,927,987	5,677,369	104,252	249,366	1,019,770	119,263	50,000	307,614	542,893
35	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	24,965,468
36	West Virginia.....	496,439,617	410,738,406	18,395,058	67,261,153	169,066,516	26,332,970	34,600,000	96,537,459	11,696,087
37	North Carolina.....	1,250,166,905	1,076,392,660	54,621,363	119,152,672	414,084,864	35,890,053	41,600,000	503,229,313	33,395,495
38	South Carolina.....	953,084,742	813,484,200	48,062,587	91,518,155	489,979,710	20,354,060	18,000,000	437,121,837	14,603,813
39	Georgia.....	1,356,685,196	1,138,298,627	63,343,220	155,043,349	638,430,053	36,401,316	39,000,000	540,616,826	22,416,111
40	Florida.....	330,301,717	281,449,404	13,551,773	35,300,540	101,204,046	7,621,885	8,000,000	80,256,806	5,326,365
EAST SOUTH CENTRAL:										
41	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
42	Tennessee.....	1,251,964,585	1,024,979,894	63,462,556	173,522,135	492,407,214	50,960,694	101,000,000	318,285,307	22,181,213
43	Alabama.....	690,848,720	543,657,755	34,366,217	112,824,748	385,178,279	30,428,993	29,100,000	304,348,638	19,395,048
44	Mississippi.....	994,761,855	789,896,778	39,881,256	134,973,821	407,499,799	27,327,835	29,600,000	336,207,166	14,394,753
WEST SOUTH CENTRAL:										
45	Arkansas.....	924,395,483	753,110,666	43,432,237	127,852,580	424,486,802	30,083,950	39,400,000	340,813,266	14,189,596
46	Louisiana.....	589,820,679	474,038,793	32,715,010	83,072,876	237,628,052	13,613,405	12,100,000	206,152,548	5,732,030
47	Oklahoma.....	1,660,423,544	1,363,865,294	80,630,547	215,927,703	707,895,000	49,887,518	103,800,000	560,084,742	4,122,740
48	Texas.....	4,447,420,321	3,700,173,319	154,320,996	592,926,006	1,369,471,705	87,761,715	196,900,000	1,071,542,103	13,267,387
MOUNTAIN:										
49	Montana.....	955,961,308	776,767,529	55,004,212	154,189,567	142,597,141	24,809,029	46,000,000	69,975,185	1,812,927
50	Idaho.....	719,137,010	581,511,964	38,417,253	96,208,093	181,709,566	22,225,355	30,500,000	126,495,111	2,480,090
51	Wyoming.....	334,410,590	234,748,125	11,777,949	87,834,518	68,153,818	14,004,109	23,700,000	30,270,630	1,79,070
52	Colorado.....	1,070,794,749	866,018,680	49,894,509	160,976,580	280,295,333	26,921,292	70,600,000	181,065,238	1,708,802
53	New Mexico.....	325,185,999	221,814,212	9,745,369	93,626,418	75,172,768	8,447,826	25,700,000	40,619,634	405,298
54	Arizona.....	239,592,989	172,325,321	8,820,667	52,447,001	59,771,694	6,294,838	10,900,000	42,481,230	95,578
55	Utah.....	311,274,728	243,751,763	13,514,787	54,008,183	87,764,314	13,735,823	15,600,000	58,067,067	381,424
56	Nevada.....	99,779,666	66,255,214	3,630,927	29,893,525	26,418,019	4,694,649	7,700,000	13,980,303	43,067
PACIFIC:										
57	Washington.....	1,057,429,848	920,392,341	54,721,377	82,318,130	301,271,159	44,066,349	23,900,000	227,212,008	6,062,802
58	Oregon.....	818,559,751	675,213,284	41,567,125	101,779,342	209,459,266	35,146,671	36,200,000	131,884,639	6,227,956
59	California.....	3,431,021,861	3,073,811,109	136,069,290	221,141,462	770,544,880	103,932,013	67,500,000	589,767,377	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 live-stock. 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.

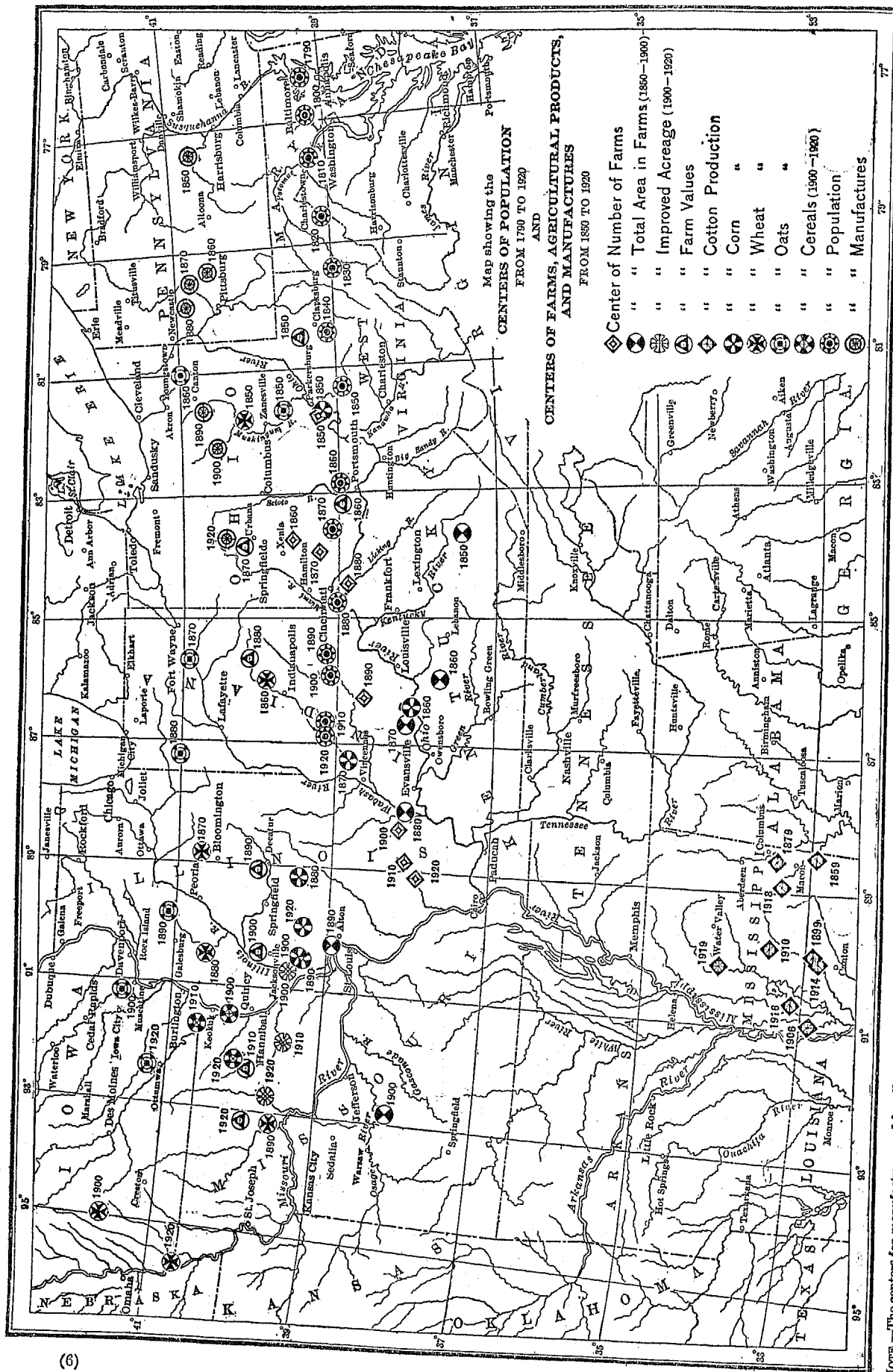
² These include dairy products, wool and mohair, eggs and chickens, and honey and wax.

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 \$20,434,889, and greenhouse products valued at \$77,380,230.

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

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. ^b				Wages.	VALUE OF PRODUCTS.						
	Total.	Rank.	Per cent distribution.	Male.			Female.	Amount.	Per cent distribution.	Total.				Per cent distribution.	Amount.	Per cent distribution.									
																	Expressed in thousands.				Expressed in thousands.				
																	Dollars.		Dollars.	Dollars.	Rank.	Dollars.	Dollars.	Dollars.	Rank.
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	257,073	981,560	100.0	1,295,936	3,158,464	100.0	1				
25,528	1,351,389	3	14.9	955,597	395,792	1,436,435	3,951,908	7,183,071	3	11.5	302	334	.....	7,213	0.7	8,034	18,724	0.6	2					
88,360	2,872,653	1	31.6	2,179,258	693,395	3,404,931	11,424,096	19,854,773	1	31.8	6,604	3,870	91,511	334,175	34.0	458,108	853,891	27.0	3						
61,332	2,996,618	2	29.3	2,080,024	366,594	2,992,931	10,021,687	17,737,480	2	28.4	3,772	2,324	54,413	190,011	19.4	237,638	480,483	15.2	4						
29,166	499,635	5	5.5	408,369	91,266	540,172	3,778,125	5,187,065	4	8.3	1,726	1,270	12,091	62,253	6.8	84,268	280,111	8.9	5						
29,976	817,212	4	9.0	658,092	159,120	778,027	2,596,265	4,455,152	5	7.1	2,284	1,976	27,363	129,707	13.2	149,276	352,074	11.1	6						
14,655	329,226	7	3.6	286,147	43,079	298,711	977,824	1,642,391	8	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	293,022	1,547,994	2,277,861	7	3.0	2,821	495	56,087	60,936	6.3	88,445	490,727	15.6	8						
7,612	109,210	9	1.2	101,858	7,358	141,902	610,230	922,676	9	1.5	1,508	1,598	1,183	81,519	8.3	131,192	321,825	10.2	9						
10,567	435,179	6	4.8	385,718	49,461	581,269	1,888,242	3,157,010	6	5.1	858	502	9,197	25,134	2.6	40,207	178,984	5.7	10						
2,995	88,651	24	1.0	68,530	20,121	94,225	254,599	456,822	23	0.7	50	51	.....	979	0.1	1,052	1,824	0.1	11					
1,499	83,074	25	0.9	57,067	25,407	79,326	239,528	407,205	29	0.7	30	33	.....	682	0.1	825	1,568	(*)	12					
1,790	39,491	37	0.4	28,613	4,878	34,084	95,173	168,108	38	0.3	93	109	.....	2,936	0.3	3,041	8,555	0.3	13					
11,906	713,836	4	7.8	490,006	223,830	706,023	2,200,713	4,011,182	5	0.4	74	79	.....	1,704	0.2	2,069	4,176	0.1	14					
2,466	189,665	15	1.5	89,734	49,931	137,405	415,089	747,323	19	1.2	14	15	.....	369	(*)	400	852	(*)	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	1,649	0.1	16					
49,330	1,228,180	1	13.5	876,680	351,450	1,458,207	4,943,214	8,887,005	1	14.2	700	147	14,186	6,202	0.6	7,497	25,131	0.8	17						
11,057	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	5,393	9,309	0.3	18					
27,973	1,135,837	2	12.5	914,159	221,678	1,406,093	4,210,409	7,315,703	2	11.7	5,807	3,621	77,325	323,397	32.9	445,218	819,461	25.9	19						
16,125	730,733	3	8.0	625,668	105,065	944,652	2,011,948	5,100,309	4	8.2	2,283	1,064	35,440	49,298	5.0	58,110	134,510	4.3	20						
7,916	277,580	9	3.1	235,805	41,775	317,043	1,174,950	1,893,753	9	3.0	503	398	2,450	26,751	2.7	30,193	52,840	1.7	21						
18,593	653,114	5	7.2	527,205	125,909	801,087	3,488,271	5,425,245	3	8.7	772	590	16,498	79,123	8.1	94,179	178,678	5.7	22						
8,305	471,242	7	5.2	417,708	53,534	639,708	1,919,243	3,466,188	7	5.6	122	105	19	31,292	3.2	50,406	103,870	3.3	23						
10,933	263,949	10	2.9	223,638	40,311	290,441	1,127,275	1,840,984	10	3.0	92	107	.....	3,547	0.4	4,750	10,581	0.3	24					
6,225	115,623	19	1.3	96,704	18,919	127,107	883,090	1,218,130	13	2.0	135	196	.....	17,265	1.8	20,388	130,399	4.1	25					
5,683	80,551	27	0.9	68,080	12,471	90,117	520,241	745,473	20	1.2	198	226	.....	11,274	1.1	12,487	18,474	0.6	26					
8,592	195,037	12	2.1	147,635	47,402	196,515	1,066,457	1,694,208	11	2.5	468	494	.....	14,857	1.5	16,777	33,366	1.1	27					
894	4,472	48	(*)	4,136	336	5,401	44,490	57,374	47	0.1	79	79	.....	774	0.1	1,029	1,927	0.1	28					
1,414	6,382	46	0.1	5,719	663	7,905	42,988	62,171	46	0.1	23	28	1	1,785	0.2	2,497	5,314	0.2	29						
2,884	36,521	35	0.4	31,275	5,246	46,067	480,774	596,042	24	1.0	9	9	.....	162	(*)	166	293	(*)	30					
3,474	61,049	31	0.7	54,820	6,229	78,060	750,088	913,667	16	1.5	814	238	12,690	16,136	1.6	21,949	90,338	2.9	31						
668	29,035	39	0.3	24,744	4,291	37,265	85,433	165,073	40	0.3	7	8	.....	116	(*)	136	244	(*)	32					
4,937	140,342	14	1.5	104,977	35,365	147,887	549,347	878,945	17	1.4	126	161	.....	5,628	0.6	6,152	9,699	0.3	33					
505	10,492	43	0.1	9,193	1,289	13,189	30,940	68,826	45	0.1	3	3	.....	12	(*)	8	16	(*)	34					
5,603	119,352	18	1.3	99,363	19,989	120,007	371,541	643,512	23	1.0	202	216	.....	14,547	1.5	16,108	29,363	0.9	35					
2,785	83,036	26	0.9	74,684	8,352	101,840	270,941	471,071	27	0.8	1,714	1,325	27,363	100,812	10.3	119,578	295,097	9.3	36						
5,999	157,659	13	1.7	116,391	41,265	126,650	526,006	943,808	15	1.5	102	106	.....	1,800	0.2	1,489	2,736	0.1	37					
2,004	79,450	28	0.9	60,800	18,650	62,566	227,986	381,453	32	0.6	20	20	.....	933	0.1	680	1,351	(*)	38					
4,803	123,441	17	1.4	99,282	24,159	101,180	440,490	693,237	21	1.1	74	82	.....	2,397	0.2	2,017	4,082	0.1	39					
2,582	74,415	29	0.8	68,668	5,747	67,433	92,680	213,327	35	0.3	36	55	.....	3,372	0.3	3,108	8,976	0.3	40					
3,957	60,340	30	0.8	58,584	10,756	67,034	235,715	395,660	31	0.6	938	864	5,214	43,563	4.4	49,551	98,487	3.1	41						
4,589	95,167	23	1.0	76,187	18,980	81,355	344,767	550,253	25	0.9	203	203	14	14,470	1.5	12,987	23,292	0.7	42						
3,654	107,159	21	1.2	90,783	10,376	99,066	300,664	492,731	26	0.8	204	348	.....	32,579	3.3	35,230	59,866	1.9	43					
2,455	57,560	33	0.6	54,563	2,907	51,256	96,678	197,747	37	0.3	(*)	.....	.....	.....	.....	.....	.....	.....	44
3,123	49,954	34	0.5	47,838	2,116	47,186	102,813	200,313	36	0.3	126	126	124	3,630	0.4	4,573	8,404	0.3	45						
2,617	98,265	22	1.1	88,259	10,006	94,406	431,404	676,190	22	1.1	1,937	4	2,479	5,228	0.5	7,505	40,017	1.3	46						
2,445	29,503	38	0.3	27,646	1,857	35,026	312,606	401,363	30	0.6	1,934	284	44,735	33,914	3.5	46,809	281,928	8.9	47						
5,724	107,522	20	1.2	98,224	9,298	116,404	701,171	999,996	14	1.6	624	81	8,749	18,164	1.9	20,568	160,378	6.1	48						
1,290	17,160	41	0.2	16,608	552	24,743	122,152	166,664	39	0.3	259	269	28	16,129	1.6	25,724	49,024	1.6	49						
922	13,917	42	0.2	13,445	472	18,547	43,949	80,511	44	0.1	82	83	.....	2,455	0.3	4,202	11,840	0.4	50					
676	6,634	45	0.1	6,545	89	11,189	42,250	81,445	43	0.1	106	87	1,084	9,699	1.0	14,676	41,929	1.3	51						
2,631	35,254	36	0.4	31,902	3,352	42,975	174,870	275,622	34	0.4	477	523	70	16,790	1.7	25,405	51,217	1.6	52						
387	5,736	47	0.1	5,618	120	6,659	7,727	17,856	49	(*)	85	103	1	7,100	0.7	10,494	18,872	0.6	53						
480	8,528	44	0.1	8,388	140	12,015	92,645	120,769	42	0.2	155	172	.....	15,268	1.6	26,193	88,478	2.8	54					
1,160	18,888	40	0.2	16,297	2,571	21,455	110,154	156,933	41	0.3	141	154	.....	9,847	1.0	17,197	41,511	1.3	55					
166	3,119	49	(*)	3,057	62	4,818	16,490	22,874	48	(*)	203	207	.....	4,231	0.4	7,401	18,064	0.6	56					
4,918																									



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.

OREGON.

NUMBER AND DISTRIBUTION OF INHABITANTS.

Population of the state.—According to the Fourteenth Census, taken as of January 1, 1920, the population of Oregon is 783,389, which represents an increase of 110,624, or 16.4 per cent, over the population in 1910. During the same period the population of the

United States increased by 14.9 per cent. The following summary shows the population of Oregon from 1850 to 1920, inclusive, together with the number and per cent of increase for each decade, in comparison with the per cent of increase for the United States as a whole:

POPULATION OF OREGON: 1850 TO 1920.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1920.....	783,389	110,624	16.4	14.9
1910.....	672,765	259,229	62.7	21.0
1900.....	413,536	95,832	30.2	20.7
1890.....	317,704	142,936	81.8	25.5
1880.....	174,768	83,845	92.2	30.1
1870.....	90,923	38,458	73.3	22.6
1860.....	52,465	39,171	294.7	35.6
1850.....	13,294			

¹ Includes population (1,201) of part taken to form Washington territory in 1853.

Counties.—Oregon has 36 counties, of which 9 show decreases as compared with 1910. (See Table 1.) Two new counties—Deschutes and Jefferson—have been organized from parts of Crook County between 1910 and 1920. It has been necessary, therefore, in preparing the accompanying maps, showing rates of increase or decrease in total and rural population since 1910, to combine these 3 counties.

Density of population.—The total land area of the state is 95,607 square miles. The average number

of inhabitants to the square mile in 1920 is 8.2 (see Table 1), as against 7 in 1910 and 4.3 in 1900.

Minor civil divisions.—The political units into which the counties are divided are collectively termed "minor civil divisions." The primary divisions of the counties of Oregon are the election precincts, which number 1,683 (380 of these are in the city of Portland alone). There are also 198 secondary divisions, comprising 114 cities and 84 towns. In a number of cases a city or town comprises an entire precinct

HISTORICAL NOTE.—This state takes its name from the Oregon River, as the Columbia River was originally called. The derivation of the word Oregon is unknown.

The area now constituting the state of Oregon was discovered in 1543, when Ferrello, a Spaniard, sailed up the Pacific coast as far as the southern part of the state. The first permanent settlement within the present limits of Oregon was made in 1811, when a trading post was established at Astoria by the Pacific Fur Company.

The possession of the Oregon country was at the beginning of the nineteenth century in dispute among the United States, Great Britain, Spain, and Russia, each nation basing its right to possession on discoveries and explorations. English and Spanish navigators had visited the Oregon coast from time to time during the sixteenth, seventeenth, and eighteenth centuries. In 1792 Robert Gray, captain of a merchant ship from Boston, entered the river, which he named Columbia, and in 1805 a United States Government exploring expedition under Lewis and Clark descended the Columbia to its mouth. Russia had made settlements in Alaska in the early part of the eighteenth century and for this reason laid claim to territory as far south as the present state of California. All that remained of the Spanish claim after the cession of Louisiana to France in 1800 was relinquished at the time of the Florida Purchase in 1819, when Spain transferred to the United States "all rights,

claims, and pretensions to any country north of the forty-second parallel." In 1824 Russia surrendered to the United States all claims south of 54° 40'. In 1818 a treaty had been concluded between the United States and England, under which the two countries jointly occupied the Oregon region, but in 1846 this joint occupation was terminated by a treaty fixing the boundary between the territories of the two countries at its present location.

In August, 1848, the territory of Oregon was organized by act of Congress. At this time it extended from the forty-second parallel to the British possessions, from the crest of the Rocky Mountains to the Pacific Ocean, thus comprising the area which now constitutes Oregon, Washington, Idaho, and parts of western Montana and Wyoming. In 1853 that part of the territory lying north of the Columbia River and the forty-sixth parallel east of its point of intersection with that river was organized as the territory of Washington.

Four years later the people of Oregon adopted a constitution and asked for statehood; and, by act of Congress approved February 14, 1859, Oregon, with boundaries as at present, was admitted to the Union as the thirty-third state. The eastern part of the former Oregon territory was added to Washington territory, and later became a part of Idaho territory.

POPULATION—OREGON.

or two or more precincts or parts of two or more precincts. There are also 2 Indian reservations within the state. (See Table 2.)

Cities.—Oregon has 114 cities, of which Portland, with a population of 258,288, is the largest. (See Tables 3 and 4.)

The following summary shows, for each city having 5,000 or more inhabitants in 1920, the population at each census for which figures are available, together with the number and per cent of increase during the preceding decade:

POPULATION OF PRINCIPAL CITIES FROM EARLIEST CENSUS TO 1920.

[A minus sign (—) denotes decrease.]

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Per cent.			Number.	Per cent.			Number.	Per cent.
Astoria:				Eugene:				Pendleton:			
1920.....	14,027	4,428	46.1	1920.....	10,593	1,584	17.6	1920.....	7,887	2,927	65.6
1910.....	9,599	1,218	14.5	1910.....	9,009	5,773	178.4	1910.....	4,460	64	1.2
1900.....	8,381	2,197	35.5	1900.....	3,230	—	—	1900.....	3,406	1,900	75.8
1890.....	6,184	3,381	120.6	1890.....	(1)	—	—	1890.....	2,506	1,770	243.3
1880.....	2,803	2,164	338.7	1880.....	1,117	256	29.7	1880.....	730	—	—
1870.....	639	887	153.6	1870.....	881	—	—				
1860.....	252	—	—					Portland:			
Baker:				La Grande:				1920.....	258,288	51,074	24.6
1920.....	7,729	987	14.6	1920.....	6,913	2,070	42.7	1910.....	237,214	110,788	129.2
1910.....	6,742	79	1.2	1910.....	4,843	1,852	61.9	1900.....	90,426	44,041	94.9
1900.....	6,663	4,059	155.9	1900.....	2,991	408	15.8	1890.....	46,385	28,808	163.9
1890.....	2,604	1,346	107.0	1890.....	2,583	—	—	1880.....	17,677	9,234	111.9
1880.....	1,258	946	303.2					1870.....	8,293	5,419	188.6
1870.....	812	—	—	Medford:				1860.....	2,874	—	—
Bend:				1920.....	5,758	—3,084	—34.9	Salem:			
1920.....	5,415	4,879	910.3	1910.....	8,840	7,049	393.6	1920.....	17,670	3,585	25.4
1910.....	536	—	—	1900.....	1,791	824	85.2	1910.....	14,094	9,830	231.0
				1890.....	987	—	—	1900.....	(1)	—	—
Corvallis:				Oregon City:				1890.....	2,638	1,399	122.8
1920.....	5,752	1,200	26.4	1920.....	5,088	1,309	32.6	1870.....	1,130	—	—
1910.....	4,552	2,733	150.2	1910.....	4,287	793	22.7	The Dalles:			
1900.....	1,819	292	19.1	1900.....	3,494	432	14.1	1920.....	5,807	927	19.0
1890.....	1,527	299	35.4	1890.....	3,062	1,799	142.4	1910.....	4,880	1,838	37.8
1880.....	1,128	—	—	1880.....	1,263	—119	—8.6	1900.....	3,542	513	16.9
1870.....	(1)	—	—	1870.....	1,382	493	55.5	1890.....	3,020	797	85.7
1860.....	531	—	—	1860.....	889	—	—	1880.....	2,232	1,290	136.9
								1870.....	942	1,237	17.0
								1860.....	805	—	—

¹ Not returned separately.

Urban and rural population.—The Census Bureau defines urban population as that residing in cities and other incorporated places having 2,500 inhabitants or more, and rural population as that residing outside such incorporated places.

The following summary presents, for the last three censuses, figures showing the urban and rural population of the state distributed among places grouped according to specified limits of population. The classification for each census is based upon the popu-

lation of the various places as shown by the returns of that census. Consequently the territory comprised within any one class of cities or that designated as urban or as rural does not remain fixed, because any given place may, through the growth or the decline of its population, pass from one class to another at successive censuses. The proportion of the population of Oregon living in places of 2,500 or more increased from 32.2 per cent in 1900 to 45.6 per cent in 1910 and to 49.9 per cent in 1920.

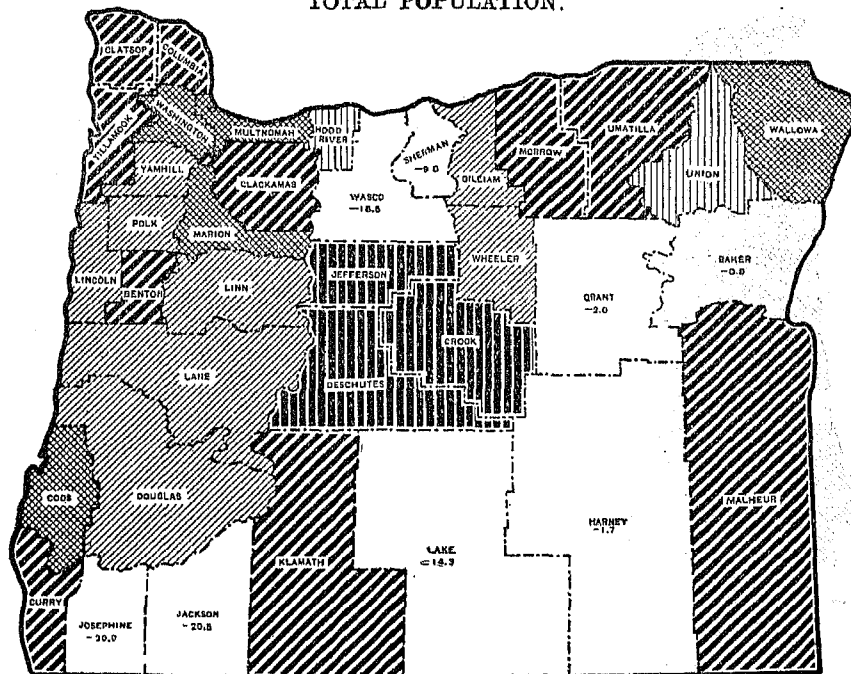
URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

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.....		783,389		672,765		413,536	100.0	100.0	100.0
Urban territory:									
Cities and towns of 100,000 inhabitants or more.....	23	391,019	18	307,060	11	133,180	49.9	45.6	32.2
50,000 to 100,000 inhabitants.....	1	258,288	1	207,214	1	90,426	33.0	30.8	21.9
10,000 to 50,000 inhabitants.....	8	42,299	1	14,094	—	—	5.4	2.1	—
5,000 to 10,000 inhabitants.....	8	50,445	5	39,210	2	15,044	6.4	5.8	3.6
2,500 to 5,000 inhabitants.....	11	39,987	11	46,842	8	27,710	5.1	6.9	6.7
Rural territory:									
Cities and towns of less than 2,500 inhabitants.....	175	392,370	—	385,705	—	280,356	50.1	54.4	67.8
Other rural territory.....	—	38,938	133	89,742	103	50,462	12.6	13.3	12.2
		293,432		275,963		229,894	37.5	41.0	55.6

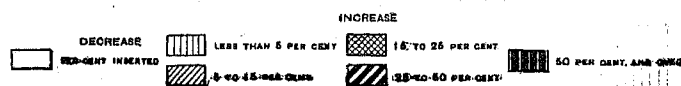
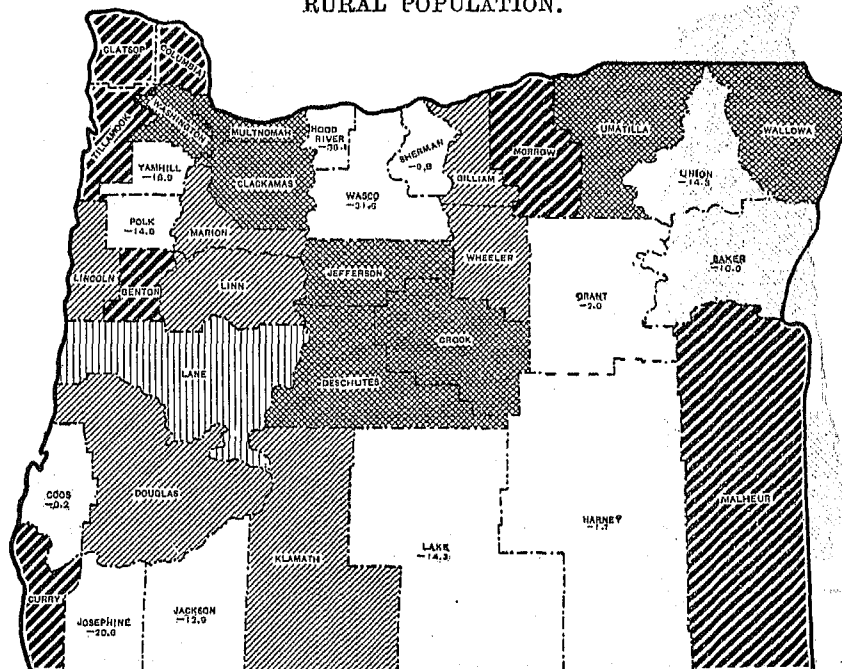
PER CENT OF INCREASE OR DECREASE OF POPULATION OF OREGON, BY COUNTIES: 1910-1920.

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

TOTAL POPULATION.



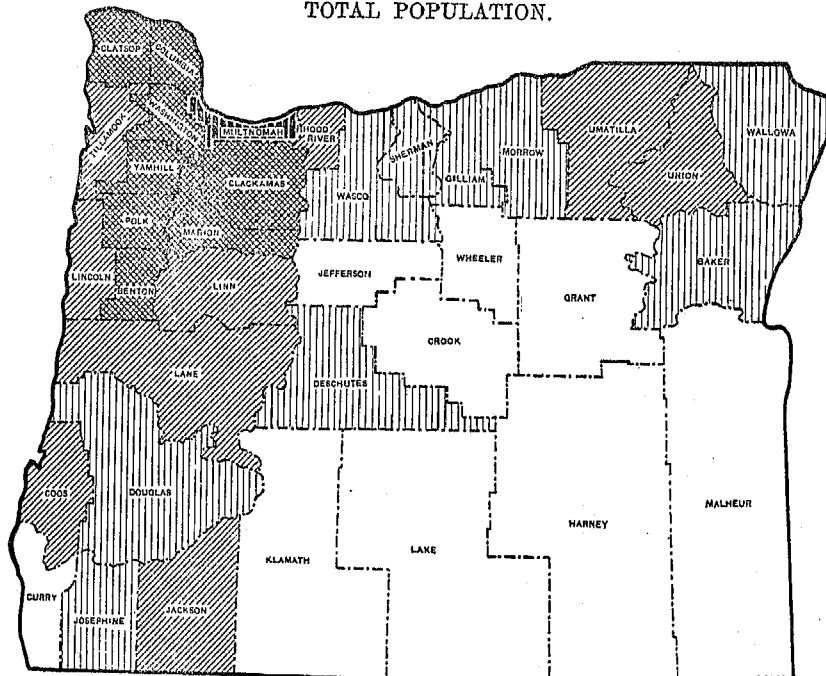
RURAL POPULATION.



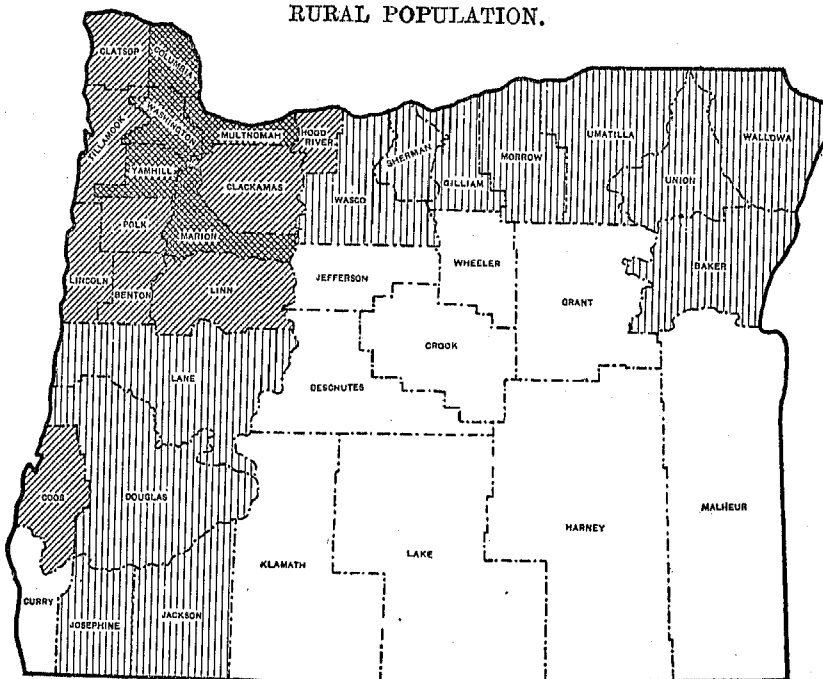
DENSITY OF POPULATION OF OREGON, BY COUNTIES: 1920.

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

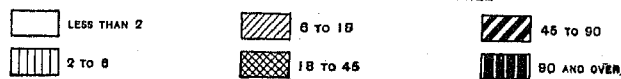
TOTAL POPULATION.



RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE



NUMBER AND DISTRIBUTION.

11

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

[In computing the increase from 1890 to 1900 for certain counties, the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make it comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Crook, 555; Klamath, 1,136; Polk, 152; Umatilla, 1,397; Wasco, 282; Yamhill, 250.]

[A minus sign (—) denotes decrease.]

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.											
Oregon ¹	95,607	783,389	8.2	672,765	413,536	317,704	174,768	90,923	52,465	13,294	16.4	62.7	30.2	
Baker ¹	3,086	17,929	5.8	18,076	15,597	6,764	4,616	2,804	.....	.....	-0.8	15.9	130.6
Benton ¹	688	13,744	20.0	10,003	6,705	8,650	0,403	4,584	3,074	814	28.9	59.0	-22.5	
Clackamas ¹	1,868	37,698	20.2	29,931	19,658	15,233	9,200	5,993	3,466	1,850	25.9	52.3	29.0	
Clatsop ¹	821	23,030	28.1	16,106	12,765	10,016	7,222	1,255	498	462	43.0	26.2	27.4	
Columbia ¹	662	13,960	21.1	10,580	6,237	5,191	2,042	863	532	.....	31.9	69.6	20.2
Coos ¹	1,628	22,257	13.7	17,959	10,324	3,874	4,834	1,644	445	.....	23.9	74.0	16.3
Crook ¹	2,934	3,424	1.2	9,315	3,964	3,244	.....	.....	.....	.....	-63.2	135.0	5.1
Curry ¹	1,612	3,025	1.9	2,044	1,868	1,709	1,208	504	393	.....	48.0	9.4	9.3
Deschutes ¹	3,065	9,622	3.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Douglas ¹	4,901	21,332	4.3	19,674	14,565	11,864	9,596	6,066	3,203	.....	8.4	35.1	22.8
Gilliam ¹	1,201	3,960	3.3	3,701	3,201	3,600	.....	.....	.....	.....	7.0	15.6	-11.1
Grant ¹	4,520	5,496	1.2	5,607	5,948	5,080	4,303	2,251	.....	.....	-2.0	-5.7	17.1
Harney ¹	9,933	3,092	0.4	4,050	2,598	2,559	.....	.....	.....	.....	-1.7	56.2	1.5
Hood River ¹	540	8,315	15.4	8,016	.....	.....	.....	.....	.....	.....	3.7	.....	.....
Jackson ¹	2,794	20,405	7.3	25,756	13,698	11,455	8,154	4,778	3,736	.....	-20.8	88.0	19.6
Jefferson ¹	1,779	3,211	1.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Josephine ¹	1,637	7,655	4.7	9,567	7,517	4,878	2,485	1,204	1,623	.....	-20.0	27.3	54.1
Klamath ¹	5,999	11,413	1.9	8,554	3,970	2,444	.....	.....	.....	.....	33.4	115.5	16.0
Lake ¹	7,920	3,691	0.5	4,658	2,847	2,604	2,804	.....	.....	.....	-14.3	63.6	9.3
Lane ¹	4,587	36,166	7.9	33,783	19,604	15,198	9,411	6,426	4,780	.....	7.1	72.3	29.0
Lincoln ¹	1,008	6,084	6.0	5,587	3,575	.....	.....	.....	.....	.....	8.9	56.3	.....
Linn ¹	2,258	24,550	10.9	22,662	18,603	16,265	12,676	8,717	6,772	994	8.3	21.8	14.4	
Malheur ¹	9,883	10,907	1.1	8,601	4,203	2,601	.....	.....	.....	.....	26.8	104.6	61.6
Marion ¹	1,163	47,187	39.6	39,780	27,713	22,934	14,576	9,965	7,088	2,740	18.0	43.5	20.8	
Morrow ¹	2,025	5,617	2.8	4,357	4,151	4,205	.....	.....	.....	.....	28.9	5.0	-1.3
Multnomah ¹	434	275,898	635.7	226,261	103,167	74,884	25,203	11,510	4,150	.....	21.9	119.3	37.8
Polk ¹	709	14,181	20.0	13,469	9,923	7,858	6,601	4,701	3,625	1,051	5.3	35.7	24.3	
Sherman ¹	836	3,826	4.6	4,242	3,477	1,792	.....	.....	.....	.....	-9.8	22.0	94.0
Tillamook ¹	1,125	8,810	7.8	6,266	4,471	2,932	970	408	95	.....	40.6	40.1	52.5
Umatilla ¹	3,203	25,946	8.1	20,309	18,049	13,381	9,607	2,916	.....	.....	27.8	12.5	24.4
Union ¹	2,007	16,636	8.3	16,191	16,070	12,044	6,650	2,552	.....	.....	2.7	0.8	33.4
Wallowa ¹	3,169	9,778	3.1	8,364	5,538	3,661	.....	.....	.....	.....	16.9	51.0	51.3
Wasco ¹	2,343	13,648	5.8	16,336	13,199	9,183	11,120	2,609	1,689	.....	-16.5	23.8	40.7
Washington ¹	731	26,376	36.1	21,522	14,467	11,972	7,082	4,261	2,801	2,652	22.0	43.8	20.8	
Wheeler ¹	1,704	2,791	1.6	2,484	2,443	.....	.....	.....	.....	.....	12.4	1.7	.....
Yamhill ¹	714	20,529	28.8	18,285	13,420	10,692	7,945	5,012	3,245	1,512	12.3	30.3	23.2	

CHANGES IN BOUNDARIES, ETC.

THE STATE.—Total for 1890 includes population (3,937) of Indian reservations, specially enumerated and not distributed by counties. Total for 1860 includes population (1,250) of Umpqua County, annexed to Douglas County in 1862. Total for 1850 includes population (1,201) of Clarke and Lewis Counties, taken to form part of the territory of Washington in 1853.

BAKER.—Parts of Grant and Union annexed in 1872 and 1902, respectively; part taken to form Malheur in 1887.

BENTON.—Part taken to form part of Lincoln in 1893.

CLACKAMAS.—Part annexed to Marion in 1911; part annexed to Multnomah, and part of Hood River annexed, since 1910.

CROOK.—Organized from part of Wasco in 1882; part taken to form part of Wheeler in 1899; parts taken to form Jefferson in 1915 and Deschutes in 1916.

CURRY.—Part annexed to Josephine, and part of Josephine annexed, since 1910.

DESCHUTES.—Organized from part of Crook in 1916.

DOUGLAS.—Umpqua annexed in 1862; parts annexed to Jackson and Lane, and parts of Jackson and Lane annexed, in 1915.

GILLIAM.—Organized from parts of Umatilla and Wasco in 1885; part taken to form part of Wheeler in 1899.

GRANT.—Part annexed to Baker in 1872; parts taken to form Harney in 1889 and part of Wheeler in 1899.

HARNEY.—Organized from part of Grant in 1889.

HOOD RIVER.—Organized from part of Wasco in 1908; parts annexed to Clackamas and Multnomah, and part of Multnomah annexed, since 1910.

JACKSON.—Part taken to form Lake in 1875; part annexed to Josephine between 1880 and 1890; part annexed to Douglas, and part of Douglas annexed, in 1915.

JEFFERSON.—Organized from part of Crook in 1915.

JOSEPHINE.—Part of Jackson annexed between 1880 and 1890; part annexed to Curry, and part of Curry annexed, since 1910.

KLAMATH.—Organized from part of Lake in 1882.

LAKE.—Organized from part of Jackson in 1875; part taken to form Klamath in 1882.

LANE.—Parts annexed to Linn and Douglas in 1907 and 1915, respectively; part of Douglas annexed in 1915 and parts of Linn annexed in 1907 and 1915.

LINCOLN.—Organized from parts of Benton and Tillamook in 1893.

LINN.—Parts annexed to Lane in 1907 and 1915, and parts of Lane and Marion annexed in 1907 and 1913, respectively.

MALHEUR.—Organized from part of Baker in 1887.

MARION.—Part of Clackamas annexed in 1911; part annexed to Linn in 1913.

MORROW.—Organized from part of Umatilla in 1885.

MULTNOMAH.—Part annexed to Hood River, and parts of Clackamas and Hood River annexed, since 1910.

SHERMAN.—Organized from part of Wasco in 1889 and part of Wasco annexed between 1890 and 1900.

TILLAMOOK.—Part taken to form part of Lincoln in 1893.

UMATILLA.—Parts taken to form Morrow and part of Gilliam in 1885; part annexed to Union, and part of Union annexed, in 1913.

UNION.—Part taken to form Wallowa in 1887; part annexed to Wallowa between 1890 and 1900, and part annexed to Baker in 1902; parts annexed to Umatilla in 1913 and Wallowa in 1915, and parts of Umatilla and Wallowa annexed in 1913 and 1915, respectively.

WALLOWA.—Organized from part of Union in 1887 and part of Union annexed between 1890 and 1900; part annexed to Union, and part of Union annexed, in 1915.

WASCO.—Parts taken to form Crook in 1882; part of Gilliam in 1885, and Sherman in 1889; part annexed to Sherman between 1890 and 1900 and part taken to form Hood River in 1908.

WHEELER.—Organized from parts of Crook, Gilliam, and Grant in 1899.

² COLUMBIA.—Rainier city not returned by precincts; total population of Rainier precincts Nos. 1 and 2 can not, therefore, be shown separately.

NUMBER AND DISTRIBUTION.

13

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920—Continued.

[Precinct means election precinct. No comparative figures for earlier census years are shown, as most of the counties have been redistricted since 1910. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	MINOR CIVIL DIVISION.	1920	MINOR CIVIL DIVISION.	1920
Coos County—Continued.		Deschutes County—Continued.		Gilliam County.....	
Pony Slough precinct.....	232	Precinct 14, Lower Bridge.....	80	Ajax precinct.....	59
Powers precinct.....	693	Precinct 15, Terrebonne.....	290	Alville precinct.....	116
Prosper precinct.....	445	Precinct 16, Redmond, coextensive with		Arlington precinct, including Arlington city.	534
Riverton precinct.....	300	Redmond city.....	585	Blalock precinct.....	215
Rowland precinct.....	504	Precinct 17, Tetherow.....	403	Buchora precinct.....	78
South East Bandon precinct, comprising		Precinct 18, Clina Falls.....	96	Clem precinct.....	92
part of Bandon town.....	191	Precinct 19, Deschutes.....	136	East Condon precinct, including part of Con-	
South East Coquille precinct, comprising		Precinct 20, Alhalla.....	103	don city.....	397
part of Coquille city.....	753	Precinct 21, Grange.....	309	Perry Canyon precinct.....	125
South Eastside precinct, comprising part		Precinct 22, Millican.....	102	Qwendolen precinct.....	115
of Eastside city.....	306	Precinct 23, Brothers.....	45	Idea precinct.....	38
South Marshfield precinct No. 1, compris-		Precinct 24, Hampton.....	42	Lonerock precinct, including Lonerock city.	159
ing part of Marshfield town.....	509			Mayville precinct.....	214
South Marshfield precinct No. 2, compris-				Mikkalo precinct.....	183
ing part of Marshfield town.....	971	Douglas County⁴.....		North West Condon precinct, including	
South Myrtle Point precinct, comprising		Applegate precinct.....	21,332	part of Condon city.....	619
part of Myrtle Point city.....	470	Bellows precinct, comprising part of Rose-	275	Olex precinct.....	241
South North Bend precinct, comprising part		burg city.....	265	Pine Ridge precinct.....	73
of North Bend city.....	768	Benson precinct, comprising part of Rose-		Rock Creek precinct.....	137
South Slough precinct.....	208	burg city.....	457	South West Condon precinct, including part	
South West Bandon precinct, comprising		Calapoola precinct, including part of Oak-		of Condon city.....	384
part of Bandon town.....	554	land city.....	395	Trail Fork precinct.....	55
South West Coquille precinct, comprising		Camas Valley precinct.....	321	Willow Creek precinct.....	128
part of Coquille city.....	478	Canyonville precinct, including Canyon-			
Sugarloaf precinct.....	428	ville town.....	404	Grant County⁷.....	
Summer precinct.....	256	Caro precinct, comprising part of Roseburg		Austin precinct, including Austin town.....	440
Templeton precinct.....	154	city.....	450	Bear Valley precinct.....	110
Two Mile precinct.....	365	Civil Bend precinct.....	472	Canyon City precinct, including Canyon	
West North Bend precinct, comprising part		Coles Valley precinct.....	292	City town.....	408
of North Bend city.....	391	Comstock precinct.....	364	Fall Creek precinct.....	98
Willamch precinct.....	53	Cow Creek precinct.....	387	Fox precinct.....	177
		Days Creek precinct.....	240	Granite precinct, including Granite town.....	103
Crook County⁸.....		Dear Creek precinct, comprising part of		Hamilton precinct.....	440
Precinct 1, East Prineville, comprising	3,424	Roseburg city.....	476	John Day precinct, including John Day city.	
part of Prineville city.....	624	Dixonville precinct.....	395	Long Creek precinct, including Long Creek	
Precinct 2, West Prineville, compris-		Drain precinct, including Drain town.....	1,009	town.....	378
ing part of Prineville city.....	520	Drew precinct.....	61	Marysville precinct.....	101
Precinct 3, Montgomery.....	81	East Sutherland precinct, including part of		Middle precinct.....	396
Precinct 4, McKay.....	282	Sutherland city.....	475	Mountain View precinct.....	95
Precinct 5, Roberts.....	84	East Umpqua precinct.....	205	North Fork precinct, including Monument	
Precinct 6, Kitching.....	49	Edenbower precinct.....	592	town.....	527
Precinct 7, Johnson Creek.....	500	Elkhead precinct, including part of Yon-		Riverside precinct.....	101
Precinct 8, Mill Creek.....	83	calla city.....	312	Rosebud precinct.....	94
Precinct 9, Howard.....	47	Elkton precinct.....	431	Silver precinct.....	80
Precinct 10, Summit.....	14	Garden Valley precinct.....	154	Snow Mountain precinct.....	53
Precinct 11, Bear Creek.....	78	Gardiner precinct.....	451	South Fork precinct, including Dayville	
Precinct 12, Camp Creek.....	99	Glandale precinct, including Glandale city..	1,017	town.....	339
Precinct 13, White Butte.....	84	Gunter precinct.....	413	Strawberry precinct, including part of	
Precinct 14, Beaver.....	152	Hamilton precinct, comprising part of Rose-		Prairie City.....	348
Precinct 15, Maury.....	70	burg city.....	51	Susanville precinct.....	105
Precinct 16, Newsom.....	175	Happy Valley precinct.....	372	Union precinct, including part of Prairie City.	
Precinct 17, Breese.....	39	Herman precinct, comprising part of Rose-	53	Warm Springs precinct.....	621
Precinct 18, Powell Butte.....	318	burg city.....		Willows precinct.....	205
Precinct 19, Fife.....	72	Kellogg precinct.....	413		82
Precinct 20, Hat Rock.....	47	Lane precinct, comprising part of Roseburg	134		
		city.....		Harney County.....	
Curry County⁴.....		Leona precinct.....	368	Alvord precinct.....	3,932
Agness precinct.....	100	Looking Glass precinct.....	308	Anderson precinct.....	74
Brookings precinct.....	421	Loon Lake precinct.....	410	Andrews precinct.....	37
Chetco precinct.....	453	Melrose precinct.....	264	Crane precinct.....	135
Eckley precinct.....	20	Mill precinct.....	69	Crane Creek precinct.....	200
Floras Creek precinct.....	549	Millwood precinct.....	418	Curry precinct.....	155
Gold Beach precinct.....	299	Mount Scott precinct.....	310	Denio precinct.....	210
Ilaho precinct.....	49	Nichols precinct, including Riddle town.....	72	Denstedt precinct.....	210
Jerrys Flat precinct.....	140	North Myrtle precinct, including part of	127	Diamond precinct.....	178
Mountain precinct.....	52	Myrtle Creek town.....	443	Drowsey precinct, including Drowsey town.	
Mule Creek precinct.....	51	Oakland precinct, including part of Oak-		Egli precinct.....	38
Ophir precinct.....	104	land city.....	609	Happy Valley precinct.....	35
Pistol River precinct.....	77	Olalla precinct.....	522	Harney precinct, including Harney town.....	100
Port Orford precinct.....	343	Parrot precinct, comprising part of Rose-		Lake precinct.....	193
Quosaten precinct.....	47	burg city.....	280	Lawn precinct.....	132
Sixes River precinct.....	220	Perdue precinct.....	123	North Burns precinct, including part of	
Wedderburn precinct.....	100	Pinkston precinct, including part of Oak-	144	Burns city.....	664
		land city.....	297	North Catlow precinct.....	148
Deschutes County⁶.....		Reedsport precinct, including Reedsport		Pine Creek precinct.....	149
Precinct 1, Bend, comprising part of Bend	9,622	city.....	297	Poison Creek precinct.....	90
city.....	701	Riddle precinct.....	1,439	Saddle Butte precinct.....	16
Precinct 2, Bend, comprising part of Bend		Roseburg precinct, comprising part of Rose-	163	Silvies precinct.....	19
city.....	956	burg city.....		South Burns precinct, including part of	
Precinct 3, Bend, comprising part of Bend		Scottsburg precinct.....	305	Burns city.....	677
city.....	1,427	Soldiers Home precinct.....	181	South Catlow precinct.....	30
Precinct 4, Bend, comprising part of Bend		South Myrtle precinct, including part of	144	Sunset precinct.....	39
city.....	1,205	Myrtle Creek town.....		Valley View precinct.....	33
Precinct 5, Bend, comprising part of Bend		Tiller precinct.....	604	Virginia precinct.....	67
city.....	1,126	Umpqua precinct, comprising part of Rose-	116	Warm Springs precinct.....	70
Precinct 6, South Side.....	454	burg city.....		Waverly precinct.....	18
Precinct 7, Lapine.....	172	West Fork precinct.....	546		
Precinct 8, Lava.....	6	West Roseburg precinct.....	524	Hood River County⁸.....	
Precinct 9, West Side.....	402	West Sutherland precinct, including part of		Baldwin precinct.....	8,315
Precinct 10, Aubrey.....	41	Sutherland city.....	268	Barrett precinct.....	274
Precinct 11, Tumalo.....	394	Wilbur precinct.....	321	Center precinct, including part of Hood	
Precinct 12, Plainview.....	214	Woodward precinct, comprising part of		River city.....	655
Precinct 13, Sisters.....	243	Roseburg city.....	516	Doe precinct.....	250
		Yoncalla precinct, including part of Yon-		East precinct, including part of Hood	
		calla city.....	285	River city.....	668

³ CROOK.—Parts taken to form Jefferson County in 1915 and Deschutes County in 1916.
⁴ CURRY.—Part annexed to Josephine County, and part of Josephine County annexed, since 1910.
⁵ DESCHUTES.—Organized from part of Crook County in 1916.

⁶ DOUGLAS.—Parts annexed to Jackson and Lane Counties, and parts of Jackson and Lane Counties annexed, in 1915.

⁷ GRANT.—Forty-nine precinct, for which no population was returned, is not included in this table.
⁸ HOOD RIVER.—Parts annexed to Clackamas and Multnomah Counties, and part of Multnomah County annexed, since 1910.

[Precinct means election precinct. No comparative figures for earlier census years are shown, as most of the counties have been redistricted since 1910. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	MINOR CIVIL DIVISION.	1920	MINOR CIVIL DIVISION.	1920
Hood River County—Continued.		Jackson County—Continued.		Lake County.	3,991
Falls precinct.....	713	South Jacksonville precinct, including part of Jacksonville city.....	430	Cogswell Creek precinct.....	129
Heights precinct, comprising part of Hood River city.....	501	Southeast Ashland precinct, comprising part of Ashland city.....	350	Crooked Creek precinct.....	68
Oak Grove precinct.....	318	Starling precinct.....	67	Drews Valley precinct.....	78
Odell precinct.....	965	Trail precinct.....	264	Port Rock precinct.....	300
Park precinct, including part of Hood River city.....	320	Union precinct.....	275	Goose Lake precinct.....	479
Parkdale precinct.....	555	Watkins precinct.....	142	Lake precinct.....	41
Pine Grove precinct.....	638	West Phoenix precinct, including part of Phoenix town.....	343	New Pine Creek precinct.....	191
Waucoma precinct, comprising part of Hood River city.....	862	West Talent precinct, including part of Talent town.....	376	North Lakeview precinct, comprising part of Lakeview town.....	469
West precinct, including part of Hood River city.....	928	Willow Springs precinct.....	264	North Warner precinct.....	92
		Wimer precinct.....	282	Paisley precinct, including Paisley town.....	474
		Central Point town, ⁹ in North Central Point and South Central Point precincts.....	582	Royal precinct.....	36
Jackson County⁹.....	20,405			Silver Lake precinct, including Silver Lake town.....	405
Antioch precinct.....	234	Jefferson County¹⁰.....	3,211	Sink precinct.....	19
Applegate precinct.....	432			South Lakeview precinct, comprising part of Lakeview town.....	670
Ashland Boulevard precinct, comprising part of Ashland city.....	700	Precinct 1, Haystack.....	316	South Warner precinct.....	171
Ashland East Central precinct, comprising part of Ashland city.....	333	Precinct 2, Hay Creek.....	141	Summer Lake precinct.....	124
Ashland East Main precinct, comprising part of Ashland city.....	357	Precinct 3, Willow Creek.....	86	Thomas Creek precinct.....	161
Ashland Oak precinct, comprising part of Ashland city.....	538	Precinct 4, Cross Keys.....	113	Valley Falls precinct.....	89
Ashland West Central precinct, comprising part of Ashland city.....	460	Precinct 5, Ashwood.....	271		
Barron precinct.....	471	Precinct 6, Kitcher.....	399	Lane County¹¹.....	36,186
Belleview precinct.....	149	Precinct 7, Lamonta.....	204	Acme precinct.....	336
Butte Falls precinct, including Butte Falls town.....	253	Precinct 8, Lyle Gap.....	244	Alpha precinct.....	117
Climax precinct.....	75	Precinct 9, Black Butte.....	200	Alvadora precinct.....	174
Dead Indian precinct.....	20	Precinct 10, Opal City.....	151	Armitage precinct.....	389
Derby precinct.....	63	Precinct 11, Metolius, including Metolius town.....	281	Bailey precinct.....	420
Eagle Point precinct, including Eagle Point town.....	694	Precinct 12, Peninsula.....	29	Benton precinct.....	320
East Ashland precinct, comprising part of Ashland city.....	539	Precinct 13, Madras, coextensive with Madras town.....	337	Blue River precinct.....	71
East Phoenix precinct, including part of Phoenix town.....	343	Precinct 14, Warm Springs, comprising part of Warm Springs Indian Reservation ¹⁰	348	Bohemia precinct.....	4
East Talent precinct, including part of Talent town.....	372	Precinct 15, Muddy Creek.....	91	Brumbaugh precinct.....	578
Floume Rock precinct.....	160			Camp Creek precinct.....	375
Foots Creek precinct.....	133	Josephine County¹¹.....	7,655	Cheshire precinct.....	323
Gold Hill precinct, including Gold Hill town.....	588			Cloverdale precinct.....	183
Griffin Creek precinct.....	227	Althouse precinct.....	374	Coburg precinct, coextensive with Coburg town.....	270
Lake Creek precinct.....	244	Dimmick precinct.....	247	Cottage Crest precinct.....	238
Meadows precinct.....	77	Ferry precinct.....	200	Cottage Grove precinct No. 1, comprising part of Cottage Grove city.....	603
Medford precinct No. 1, including part of Medford city.....	579	Fruitdale precinct.....	273	Cottage Grove precinct No. 2, comprising part of Cottage Grove city.....	612
Medford precinct No. 2, including part of Medford city.....	243	Galice precinct.....	102	Cottage Grove precinct No. 3, comprising part of Cottage Grove city.....	568
Medford precinct No. 3, comprising part of Medford city.....	404	Granite Hill precinct.....	225	Cottage Grove precinct No. 4, comprising part of Cottage Grove city.....	114
Medford precinct No. 4, comprising part of Medford city.....	408	Grants Pass precincts, Nos. 1 to 8, coextensive with Grants Pass city.....	3,151	Cottage Grove precinct No. 5, comprising part of Cottage Grove city.....	324
Medford precinct No. 5, including part of Medford city.....	631	Kerby precinct.....	299	Coyote precinct.....	338
Medford precinct No. 6, comprising part of Medford city.....	498	Leland precinct.....	144	Creswell precinct, coextensive with Creswell town.....	273
Medford precinct No. 7, comprising part of Medford city.....	320	Lucky Queen precinct.....	174	Davis precinct.....	465
Medford precinct No. 8, comprising part of Medford city.....	400	Merlin precinct.....	245	Diston precinct.....	307
Medford precinct No. 9, comprising part of Medford city.....	379	Murphy precinct.....	338	Dorena precinct.....	390
Medford precinct No. 10, comprising part of Medford city.....	651	Placer precinct.....	91	Edwards precinct.....	251
Medford precinct No. 11, comprising part of Medford city.....	255	Selma precinct.....	334	Elmira precinct.....	567
Medford precinct No. 12, comprising part of Medford city.....	299	Slate Creek precinct.....	512	Eugene precincts Nos. 1 to 21, coextensive with Eugene city.....	10,593
Medford precinct No. 13, including part of Medford city.....	258	Waldo precinct.....	368	Fall Creek precinct.....	391
Medford precinct No. 14, comprising part of Medford city.....	329	Williams precinct.....	353	Five Rivers precinct.....	100
Medford precinct No. 15, including part of Medford city.....	465	Wolf Creek precinct.....	200	Florence precinct, including Florence city.....	493
Medford precinct No. 16, including part of Medford city.....	221			Gate Creek precinct.....	182
Mound precinct.....	150	Klamath County.....	11,413	Glenada precinct.....	127
North Ashland precinct, comprising part of Ashland city.....	441	Algoma precinct.....	306	Gleneta precinct.....	140
North Central Point precinct, ⁹ exclusive of part of Central Point town.....	161	Dairy precinct.....	215	Glenwood precinct.....	354
North Jacksonville precinct, including part of Jacksonville city.....	307	Hildebrand precinct, exclusive of part of Klamath Indian Reservation.....	152	Goshen precinct.....	315
Northwest Ashland precinct, comprising part of Ashland city.....	565	Klamath Lake precinct, exclusive of part of Klamath Indian Reservation.....	84	Hazeldell precinct.....	236
Perrydale precinct.....	200	Langell precinct.....	181	Heeeta precinct.....	112
Pinehurst precinct.....	34	Linkville precinct, including Klamath Falls city.....	5,816	Herman precinct.....	85
Rock Point precinct.....	230	Lost River precinct, including Bonanza town.....	275	Irving precinct.....	244
Rogue River precinct, including Rogue River town.....	476	Mallin precinct.....	524	Jasper precinct.....	198
Sams Valley precinct.....	437	Merrill precinct, including part of Merrill town.....	321	Junction precinct No. 1, comprising part of Junction City.....	295
South Central Point precinct, ⁹ exclusive of part of Central Point town.....	229	Midland precinct.....	276	Junction precinct No. 2, comprising part of Junction City.....	392
		Mount Laki precinct.....	310	Lake Creek precinct.....	130
		Odell precinct.....	102	Lancaster precinct.....	416
		Pine Grove precinct.....	268	Lano precinct.....	264
		Plevna precinct.....	116	Latham precinct.....	600
		Poe Valley precinct.....	182	Leaburg precinct.....	267
		Sprague River precinct.....	190	Lone Pine precinct.....	345
		Swan precinct.....	109	Long Tom precinct.....	293
		Topsy precinct.....	59	Lost Valley precinct.....	45
		Tule Lake precinct, including part of Merrill town.....	506	McKenzie precinct.....	300
		Wood River precinct.....	262	Mabel precinct.....	410
		Worden precinct.....	112	Mapleton precinct.....	774
		Klamath Indian Reservation, comprising Yainax precinct and parts of Chiloquin, ¹² Hildebrand, and Klamath Lake precincts.....	1,547	Marcola precinct.....	173
				Middle Fork precinct.....	142
				Minerva precinct.....	352
				Mohavik precinct.....	47
				Mound precinct.....	432
				Orchard precinct.....	378
				Pacific precinct.....	419
				Pleasant Hill precinct.....	576
				Prairie precinct.....	354
				Richardson precinct.....	420
				Saginaw precinct.....	305
				Santa Clara precinct.....	367
				Silk Creek precinct.....	242
				Siuslaw precinct.....	
⁹ JACKSON.—Part annexed to Douglas County, and part of Douglas County annexed, in 1915. Central Point town not returned by precincts; total population of North Central Point precinct and South Central Point precinct can not, therefore, be shown separately.		¹⁰ JEFFERSON.—Organized from part of Crook County in 1915. Warm Springs Indian Reservation located in Jefferson and Wasco Counties; total population in 1920, 664.		¹¹ LANE.—Part annexed to Douglas County, and part of Douglas and Linn Counties annexed, in 1915.	
		¹¹ JOSEPHINE.—Part annexed to Curry County, and part of Curry County annexed, since 1910.			
		¹² KLAMATH.—No population reported for Chiloquin precinct outside limits of Klamath Indian Reservation.			

[Precinct means election precinct. No comparative figures for earlier census years are shown, as most of the counties have been redistricted since 1910. For population of incorporated places, see Table 3.]

MINOR CIVIL DIVISION.	1920	MINOR CIVIL DIVISION.	1920	MINOR CIVIL DIVISION.	1920
Lane County—Continued.		Linn County—Continued.		Marion County—Continued.	
Spencer precinct.....	350	South Lebanon precinct, comprising part of Lebanon city.....	714	McKee precinct.....	501
Springfield precinct No. 1, comprising part of Springfield city.....	409	South Scio precinct, including part of Scio city.....	562	Macleay precinct.....	396
Springfield precinct No. 2, comprising part of Springfield city.....	383	Strawberry precinct.....	248	Marion precinct.....	378
Springfield precinct No. 3, comprising part of Springfield city.....	474	Sunrise precinct.....	357	Mehama precinct.....	300
Springfield precinct No. 4, comprising part of Springfield city.....	499	Sweet Home precinct, including Sweet Home town.....	553	Mill City precinct.....	443
Thurston precinct.....	326	Syracuse precinct.....	568	Monitor precinct.....	628
Wallace precinct.....	238	Tallman precinct.....	335	North Howell precinct.....	448
Walton precinct.....	329	Tangent precinct.....	607	North Silverton precinct.....	1,281
Wending precinct.....	675	Tennessee precinct.....	501	Pringle precinct.....	479
Willakenzie precinct.....	391	Waterloo precinct, including Waterloo town.....	464	Quincy precinct.....	380
Willamette precinct.....	410	West Brownsville precinct, including part of Brownsville city.....	380	Riverview precinct.....	145
Zumwalt precinct.....	311	West Halsey precinct, including part of Halsey city.....	535	Rosedale precinct.....	566
Lincoln County.....	6,084			St. Paul precinct, including St. Paul city.....	712
Alsea precinct, including Waldport town.....	448	Malheur County.....	10,907	Salem precincts Nos. 1 to 18, coextensive with Salem city.....	17,879
Bay View precinct.....	87	Arcadia precinct.....	722	Salem Heights precinct.....	581
Beaver Creek precinct.....	132	Basin precinct.....	57	Scollard precinct.....	500
Big Elk precinct.....	204	Beulah precinct.....	88	Scotts Mills precinct, including Scotts Mills city.....	623
Devils Lake precinct.....	212	Big Bend precinct.....	444	Shaw precinct.....	290
Elk City precinct.....	363	Bonita precinct.....	109	Sidney precinct.....	352
Five Rivers precinct.....	153	Brogan precinct.....	392	Silver Falls precinct.....	365
Glen precinct.....	31	Bully precinct.....	231	South Silverton precinct.....	676
Korn precinct.....	201	Cairo precinct.....	630	Stayton precinct, including part of Stayton town.....	405
Little Elk precinct.....	178	Cord precinct.....	30	Sublimity precinct, including Sublimity town.....	681
Nashville precinct.....	214	Crowley precinct.....	67	Turner precinct, including Turner city.....	1,074
Newport precinct, including part of Newport city.....	344	Fair precinct.....	376	Victor Point precinct.....	845
North Toledo precinct, including part of Toledo city.....	759	Grange precinct.....	566	Wacanda precinct.....	374
Nye Creek precinct, comprising part of Newport city.....	295	Harper precinct.....	195	West Gervais precinct, including part of Gervais town.....	338
Pacific precinct.....	472	Ironside precinct.....	170	West Hubbard precinct, including part of Hubbard city.....	466
Rock Creek precinct.....	159	Jamieson precinct.....	240	West Mount Angel precinct, including part of Mount Angel town.....	657
Rose Lodge precinct.....	176	Jones precinct.....	80	West Silverton precinct, comprising part of Silverton city.....	1,227
Siletz precinct.....	498	Jordan Valley precinct, coextensive with Jordan Valley town.....	355	West Stayton precinct.....	313
South Toledo precinct, including part of Toledo city.....	468	Juniper precinct.....	295	West Woodburn precinct, comprising part of Woodburn city.....	794
Tidewater precinct.....	128	Juntura precinct, coextensive with Juntura town.....	127		
Tum Tum precinct.....	80	McDermitt precinct.....	205	Morrow County.....	5,617
Yachats precinct.....	117	Malheur precinct.....	210	Alpine precinct.....	211
Yaquina precinct.....	277	North Vale precinct, comprising part of Vale city.....	317	Castle Rock precinct.....	450
Linn County ¹⁴	24,550	Nyssa precinct, coextensive with Nyssa town.....	563	Cecil precinct.....	271
Albany precincts Nos. 1 to 7, comprising part of Albany city.....	4,071	Ontario precinct No. 1, comprising part of Ontario city.....	555	Dairy precinct, including Hardman town.....	368
Albany precinct No. 8, including part of Albany city.....	572	Ontario precinct No. 2, comprising part of Ontario city.....	811	Eight Mile precinct.....	189
Albany precinct No. 9, including part of Albany city.....	553	Ontario precinct No. 3, comprising part of Ontario city.....	673	Gentry precinct, including part of Heppner city.....	383
Berlin precinct.....	292	Owyhee precinct.....	455	Gooseberry precinct.....	133
Calapooia precinct.....	347	Riverside precinct.....	137	Heppner precinct, including part of Heppner city.....	506
Cascadia precinct.....	77	Rockville precinct.....	77	Irrigon precinct.....	242
Center precinct.....	469	Rome precinct.....	147	Lena precinct.....	204
Crawfordsville precinct.....	359	Skull Springs precinct.....	11	Lexington precinct, including Lexington city.....	557
Crowfoot precinct.....	264	Snake River precinct.....	680	Matteson precinct, including part of Heppner city.....	331
East Brownsville precinct, including part of Brownsville city.....	499	South Vale precinct, comprising part of Vale city.....	618	Mount Vernon precinct, including part of Heppner city.....	807
East Halsey precinct, including part of Halsey city.....	305	Watson precinct.....	182	North Ione precinct, including part of Ione city.....	306
Foster precinct.....	392	Westfall precinct, coextensive with Westfall town.....	92	Parkers Mill precinct.....	90
Fox Valley precinct.....	428			Pine City precinct.....	53
Holley precinct.....	258	Marion County ¹⁵	47,187	South Ione precinct, including part of Ione city.....	516
Jordan precinct.....	406	Aumsville precinct, including Aumsville town.....	421		
Kingston precinct.....	286	Aurora precinct, including Aurora city.....	476	Multnomah County ¹⁶	275,898
Knox Butte precinct.....	335	Breitenbush precinct.....	138	Precincts Nos. 1 to 298, 317 $\frac{1}{2}$, and 318, coextensive with Portland city ¹⁶	258,288
Lacomb precinct.....	581	Brooks precinct.....	575	Precinct 299, Swift.....	301
Lebanon precinct, comprising part of Lebanon city.....	461	Butteville precinct.....	307	Precinct 300, Columbia.....	1,747
Mill City precinct.....	746	Central Howell precinct.....	458	Precinct 301, Russellville.....	843
North Brownsville precinct, including part of Brownsville city.....	307	Champoeg precinct.....	188	Precinct 302, North Kelly Butte.....	321
North Harrisburg precinct, including part of Harrisburg city.....	590	Chemawa precinct.....	1,370	Precinct 303, South Kelly Butte.....	842
North Lebanon precinct, comprising part of Lebanon city.....	630	Croisan precinct.....	452	Precinct 303, South Kelly Butte.....	842
North Scio precinct, including part of Scio city.....	402	Donald precinct, including Donald town.....	458	Precinct 304, Mount Scott.....	437
Orleans precinct.....	653	East Gervais precinct, including part of Gervais town.....	619	Precinct 305, Fairview, including Fairview town.....	612
Peoria precinct.....	417	East Hubbard precinct, including part of Hubbard city.....	442	Precinct 306, Fairview, including Fairview town.....	629
Price precinct.....	471	East Mount Angel precinct, including part of Mount Angel town.....	1,021	Precinct 307, Rockwood.....	362
Providence precinct.....	325	East Salem precinct.....	377	Precinct 307, Sycamore.....	
Rock Creek precinct.....	168	East Silverton precinct, comprising part of Silverton city.....	1,024	Precinct 308, South Gresham, including part of Gresham town.....	714
Rowland precinct.....	315	East Stayton precinct, including part of Stayton town.....	540	Precinct 309, West Gresham, including part of Gresham town.....	285
Santiam precinct.....	637	East Woodburn precinct, comprising part of Woodburn city.....	862	Precinct 309 $\frac{1}{2}$, East Gresham, including part of Gresham town.....	670
Shedd precinct.....	535	Elkhorn precinct.....	88	Precinct 310, Troutdale, including Troutdale town.....	853
Shelburn precinct.....	520	Englewood precinct.....	518	Precinct 311, Powell Valley.....	477
Sodaville precinct, including Sodaville town.....	258	Fairfield precinct.....	259	Precinct 311 $\frac{1}{2}$, Pleasant Home.....	507
South Brownsville precinct, including part of Brownsville city.....	417	Fairgrounds precinct.....	825	Precinct 312, Hoodburn.....	879
South Harrisburg precinct, including part of Harrisburg city.....	471	Foreb precinct.....	180	Precinct 312, Hoodburn.....	409
		Jefferson precinct, including Jefferson city.....	928	Precinct 313, Bridal Veil.....	
		Liberty precinct.....	294		

¹⁴ LINN.—Part of Marion County annexed in 1913 and part annexed to Lane County in 1915.

¹⁵ MARION.—Part of Clackamas County annexed in 1911 and part annexed to Linn County in 1913.

16 **MULTNOMAH.**—Part annexed to Hood River County, and parts of Clackamas and Hood River Counties annexed, since 1910. Precinct 109, Linnton, and St. Johns city annexed to Portland city since 1910.

17

[Precinct means election precinct. No comparative figures for earlier census years are shown, as most of the counties have been redistricted since 1910. For population of incorporated places, see Table 3.]

112353°-24-OREG-2

TABLE 3.—POPULATION OF INCORPORATED PLACES: 1920, 1910, AND 1900.

[The absence of population figures for 1910 or 1900 indicates that the place was incorporated at some date between the censuses, unless otherwise explained by footnote. Places which in 1910 were incorporated but, through surrender of charter or for other reasons, have no corporate existence in 1920 are not presented in this table.]

CITY OR TOWN.	County.	1920	1910	1900	CITY OR TOWN.	County.	1920	1910	1900
Adams town.....	Umatilla.....	193	205	263	Hubbard city.....	Marion.....	320	233	213
Albany city.....	Linn.....	4,840	4,275	3,149	Huntington town.....	Baker.....	666	680	821
Amity city.....	Yamhill.....	522	407	292	Imbler city.....	Union.....	203	.....	.....
Antelope city.....	Wasco.....	199	175	249	Independence city.....	Polk.....	1,143	1,160	909
Arlington city.....	Gilliam.....	529	317	388	Ione city.....	Morrow.....	439	239	223
Ashland city.....	Jackson.....	4,283	5,020	2,634	Island City town.....	Union.....	141	160	.....
Astoria city.....	Clatsop.....	14,027	9,599	8,381	Jacksonville city.....	Jackson.....	489	785	653
Athens city.....	Umatilla.....	621	586	703	Jefferson city.....	Marion.....	417	415	273
Aumsville town.....	Marion.....	171	.....	.....	John Day city.....	Grant.....	321	258	232
Aurora city.....	Marion.....	229	190	122	Jordan Valley town.....	Malheur.....	355	.....	.....
Austin town.....	Grant.....	149	144	.....	Joseph city.....	Wallowa.....	770	725	237
Baker city.....	Baker.....	7,729	6,742	6,083	Junction City.....	Lane.....	687	759	506
Bandon town.....	Coos.....	1,440	1,503	645	Juntura town.....	Malheur.....	127	.....	.....
Barlow city.....	Clackamas.....	42	69	.....	Klamath Falls city.....	Klamath.....	4,801	2,768	447
Bay City town.....	Tillamook.....	511	281	203	La Grande city.....	Union.....	6,913	4,843	2,901
Beaver Hill town.....	Coos.....	143	149	119	Lafayette city.....	Yamhill.....	410	412	359
Beaverton town.....	Washington.....	580	386	249	Lakeview town.....	Lake.....	1,139	1,253	761
Bend city.....	Deschutes.....	5,415	536	.....	Lebanon city.....	Linn.....	1,805	1,820	922
Bonanza town.....	Klamath.....	77	(¹)	.....	Lexington city.....	Morrow.....	204	185	.....
Bourne town.....	Baker.....	30	77	.....	Lonerock city.....	Gilliam.....	73	70	.....
Brownsville city.....	Linn.....	763	919	698	Long Creek town.....	Grant.....	148	86	123
Burns city.....	Harney.....	1,022	904	547	Lostine town.....	Wallowa.....	244	230	.....
Butte Falls town.....	Jackson.....	166	.....	.....	McMinnville city.....	Yamhill.....	2,767	2,400	1,420
Canby city.....	Clackamas.....	852	587	372	Madras town.....	Jefferson.....	337	364	.....
Canyon City town.....	Grant.....	354	364	345	Marshfield town.....	Coos.....	4,034	2,080	1,391
Canyonville town.....	Douglas.....	156	149	.....	Maupin city.....	Wasco.....	198	.....	.....
Carlton city.....	Yamhill.....	552	380	145	Medford city.....	Jackson.....	5,756	8,840	1,791
Central Point town.....	Jackson.....	582	761	322	Merrill town.....	Klamath.....	237	.....	.....
Clatskanie city.....	Columbia.....	1,171	747	311	Metolus town.....	Jefferson.....	94	.....	.....
Coburg town.....	Lane.....	270	613	.....	Milton town.....	Umatilla.....	1,747	1,280	804
Condon city.....	Gilliam.....	1,127	1,009	230	Milwaukie town.....	Clackamas.....	1,172	860	.....
Copperfield town.....	Baker.....	155	250	.....	Mitchell town.....	Wheeler.....	224	210	136
Coquille city.....	Coos.....	1,642	1,398	728	Molalla city.....	Clackamas.....	496	.....	.....
Cornelius city.....	Washington.....	494	459	246	Monmouth town.....	Polk.....	582	493	606
Corvallis city.....	Benton.....	5,752	4,552	1,819	Monroe city.....	Benton.....	191	.....	.....
Cottage Grove city.....	Lane.....	1,910	1,834	974	Monument town.....	Grant.....	147	119	.....
Cove town.....	Union.....	299	433	.....	Moro city.....	Sherman.....	413	378	335
Creswell town.....	Lane.....	273	367	.....	Mosier city.....	Wasco.....	259	.....	.....
Dallas city.....	Polk.....	2,701	2,124	1,271	Mount Angel town.....	Marion.....	936	545	537
Dayton city.....	Yamhill.....	448	453	293	Myrtle Creek town.....	Douglas.....	385	429	189
Dayville town.....	Grant.....	117	.....	.....	Myrtle Point city.....	Coos.....	934	836	530
Donald town.....	Marion.....	126	.....	.....	Nahalem town.....	Tillamook.....	192	119	59
Drain town.....	Douglas.....	607	335	193	Newberg town.....	Yamhill.....	2,806	2,200	945
Drewsey town.....	Harney.....	83	82	.....	Newport city.....	Lincoln.....	580	721	256
Dufur town.....	Wasco.....	533	523	336	North Bend city.....	Coos.....	3,268	2,078	.....
Dundee city.....	Yamhill.....	193	196	124	North Powder town.....	Union.....	613	455	.....
Eagle Point town.....	Jackson.....	128	.....	.....	Nyssa town.....	Malheur.....	563	449	.....
Eastside city.....	Coos.....	453	252	.....	Oakland city.....	Douglas.....	518	407	368
Echo city.....	Umatilla.....	501	400	.....	Ontario city.....	Malheur.....	2,089	1,248	445
Elgin city.....	Union.....	1,043	1,120	603	Oregon City.....	Clackamas.....	5,686	4,287	3,494
Empire city.....	Coos.....	182	147	185	Oreano town.....	Washington.....	335	.....	.....
Enterprise city.....	Wallowa.....	1,895	1,242	396	Oswego city.....	Clackamas.....	1,318	(¹)	.....
Estacada city.....	Clackamas.....	483	405	.....	Paisley town.....	Lake.....	257	.....	.....
Eugene city.....	Lane.....	10,593	9,009	3,236	Pendleton city.....	Umatilla.....	7,387	4,460	4,406
Fairview town.....	Multnomah.....	184	204	.....	Philomath city.....	Benton.....	591	505	343
Falls City town.....	Polk.....	994	969	269	Phoenix town.....	Jackson.....	150	250	.....
Florence city.....	Lane.....	317	311	222	Pilot Rock city.....	Umatilla.....	361	197	.....
Forest Grove city.....	Washington.....	1,915	1,772	1,096	Portland city.....	Multnomah.....	258,288	207,214	90,428
Fossil town.....	Wheeler.....	519	421	288	Prairie City.....	Grant.....	643	348	213
Freewater city.....	Umatilla.....	664	532	.....	Prineville city.....	Crook.....	1,144	1,042	658
Friend town.....	Wasco.....	35	.....	.....	Rainier city.....	Columbia.....	1,287	1,359	522
Gaston town.....	Washington.....	221	.....	.....	Redmond city.....	Deschutes.....	585	216	.....
Gearhart city.....	Clatsop.....	127	.....	.....	Reedsport city.....	Douglas.....	850	.....	.....
Garvais town.....	Marion.....	268	276	224	Richland town.....	Baker.....	244	334	.....
Gladstone city.....	Clackamas.....	1,069	.....	.....	Riddle town.....	Douglas.....	268	187	131
Glendale city.....	Douglas.....	548	646	.....	Rogue River town.....	Jackson.....	211	.....	.....
Goble city.....	Columbia.....	117	.....	.....	Roseburg city.....	Douglas.....	4,381	4,738	1,690
Gold Hill town.....	Jackson.....	423	423	385	St. Helens city.....	Columbia.....	2,220	742	258
Granite town.....	Grant.....	55	89	245	St. Paul city.....	Marion.....	160	103	.....
Grants Pass city.....	Josephine.....	3,151	3,897	2,290	Salem city.....	Marion.....	17,679	14,094	4,258
Grass Valley city.....	Sherman.....	317	342	.....	Sandy city.....	Clackamas.....	242	.....	.....
Greenhorn town.....	Baker.....	5	28	.....	Scio city.....	Linn.....	300	295	346
Gresham town.....	Multnomah.....	1,103	540	.....	Scotts Mills city.....	Marion.....	208	.....	.....
Haines town.....	Baker.....	503	423	.....	Seaside city.....	Clatsop.....	1,802	1,121	191
Halfway town.....	Baker.....	324	186	.....	Shaniko town.....	Wasco.....	124	495	.....
Halsey city.....	Linn.....	339	337	294	Sheridan city.....	Yamhill.....	979	1,021	466
Hammond town.....	Clatsop.....	547	957	.....	Sherwood town.....	Washington.....	320	115	111
Hardman town.....	Morrow.....	193	191	.....	Silver Lake town.....	Lake.....	126	.....	.....
Harney town.....	Harney.....	23	58	82	Silverton city.....	Marion.....	2,251	1,588	656
Harrisburg city.....	Linn.....	573	463	502	Sodaville town.....	Linn.....	72	110	173
Helix town.....	Umatilla.....	290	109	.....	Springfield city.....	Lane.....	1,855	1,838	353
Heppner city.....	Morrow.....	1,324	880	1,146	Stanfield city.....	Umatilla.....	278	318	.....
Hermiston city.....	Umatilla.....	655	647	.....	Stayton town.....	Marion.....	649	703	324
Hillsboro city.....	Washington.....	2,468	2,016	980	Sublimity town.....	Marion.....	172	138	.....
Hood River city.....	Hood River.....	3,195	2,331	768	Summerville town.....	Union.....	116	237	184

¹ Not returned separately in 1910.

² Name changed from New Astoria since 1910.

³ See county footnote, Table 2.

⁴ Incorporated as a city since 1910.

⁵ St. Helens city and Houlton town consolidated as St. Helens city since 1910; combined population, 1,089 in 1910.

⁶ Seaside and West Seaside towns consolidated and incorporated as Seaside city since 1910; combined population, 1,270 in 1910.

NUMBER AND DISTRIBUTION.

19

TABLE 3.—POPULATION OF INCORPORATED PLACES: 1920, 1910, AND 1900—Continued.

[The absence of population figures for 1910 or 1900 indicates that the place was incorporated at some date between the censuses, unless otherwise explained by footnote. Places which in 1910 were incorporated but, through surrender of charter or for other reasons, have no corporate existence in 1920 are not presented in this table.]

CITY OR TOWN.	County.	1920	1910	1900	CITY OR TOWN.	County.	1920	1910	1900
Sumpter city.....	Baker.....	219	643	.....	Waldport town.....	Lincoln.....	181	.....	.....
Sutherlin city.....	Douglas.....	515	.....	.....	Wallowa city.....	Wallowa.....	894	793	243
Sweet Home town.....	Linn.....	175	202	.....	Warrenton city.....	Clatsop.....	730	839	.....
Talent town.....	Jackson.....	278	.....	.....	Wasco city.....	Sherman.....	701	396	322
The Dalles city.....	Wasco.....	5,807	4,880	3,542	Waterloo town.....	Linn.....	82	53	59
Tillamook city.....	Tillamook.....	1,964	1,352	834	West Linn town.....	Clackamas.....	1,628	.....	.....
Toledo city.....	Lincoln.....	678	541	302	West Salem town.....	Polk.....	208	.....	.....
Troutdale town.....	Multnomah.....	191	309	.....	Westfall town.....	Malheur.....	92	140	.....
Tualatin town.....	Washington.....	234	.....	.....	Weston city.....	Umatilla.....	595	499	626
Turner city.....	Marion.....	289	191	.....	Whitney town.....	Baker.....	97	55	.....
Umatilla city.....	Umatilla.....	390	198	.....	Willamina city.....	Yamhill.....	247	376	.....
Union city.....	Union.....	1,319	1,483	937	Woodburn city.....	Marion.....	1,656	1,616	828
Vale city.....	Malheur.....	935	992	127	Yamhill city.....	Yamhill.....	366	325	254
Vernonia town.....	Columbia.....	142	69	62	Yoncalla city.....	Douglas.....	232	233	.....

TABLE 4.—POPULATION OF WARDS OF CITIES HAVING 5,000 INHABITANTS OR MORE: 1920.

WARD.	1920	WARD.	1920	WARD.	1920	WARD.	1920
Astoria city.....	14,027	Corvallis city.....	5,752	Medford city.....	5,756	Portland city..... (Not reported by wards.)	258,288
Ward 1.....	4,368	Ward 1.....	1,780	Ward 1.....	2,430	Salem city.....	17,679
Ward 2.....	4,436	Ward 2.....	1,604	Ward 2.....	1,817	Ward 1.....	1,574
Ward 3.....	3,432	Ward 3.....	2,368	Ward 3.....	1,509	Ward 2.....	2,236
Ward 4.....	1,741	Eugene city.....	10,593	Oregon City.....	5,686	Ward 3.....	1,144
Baker city.....	7,729	Ward 1.....	3,448	Ward 1.....	1,426	Ward 4.....	2,580
Ward 1.....	1,862	Ward 2.....	1,706	Ward 2.....	960	Ward 5.....	2,805
Ward 2.....	687	Ward 3.....	2,433	Ward 3.....	1,670	Ward 6.....	5,167
Ward 3.....	2,743	Ward 4.....	3,006	Ward 4.....	1,621	Ward 7.....	1,773
Ward 4.....	2,437	La Grande city.....	6,913	Pendleton city.....	7,387	The Dalles city.....	5,807
Bend city..... (Not reported by wards.)	5,415	Ward 1.....	1,278	Ward 1.....	1,288	Ward 1.....	1,277
		Ward 2.....	1,143	Ward 2.....	1,742	Ward 2.....	1,496
		Ward 3.....	2,222	Ward 3.....	1,260	Ward 3.....	1,322
		Ward 4.....	2,270	Ward 4.....	3,007	Ward 4.....	1,742

TABLE 5.—URBAN AND RURAL POPULATION OF COUNTIES: 1920, 1910, AND 1900.

[A minus sign (—) denotes decrease.]

COUNTY.	POPULATION.						PER CENT URBAN IN TOTAL POPULATION.			PER CENT OF INCREASE IN—				Rural popula- tion per square mile: 1920.
	1920		1910		1900		1920	1910	1900	Urban population.		Rural population.		
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.				1910 to 1920.	1900 to 1910.	1910 to 1920.	1900 to 1910.	
Oregon.....	391,019	392,370	307,060	365,705	183,180	280,356	49.9	45.6	32.2	27.3	130.6	7.3	30.4	4.1
Baker.....	7,729	10,200	6,742	11,334	6,663	8,934	43.1	37.3	42.7	14.6	1.2	-10.0	28.9	3.3
Benton.....	5,752	7,992	4,552	6,111	6,700	6,700	41.9	42.7	.....	26.4	.....	30.8	-8.9	11.6
Clackamas.....	5,686	32,012	4,287	25,644	2,494	10,164	15.1	14.3	17.8	32.6	22.7	24.8	58.6	17.1
Clatsop.....	14,027	9,003	9,599	6,507	8,381	4,384	60.9	59.6	65.7	46.1	14.5	38.4	48.4	11.0
Coos.....	7,802	14,955	2,980	14,979	.....	10,324	32.8	16.6	.....	145.0	.....	-0.2	45.1	9.2
Deschutes.....	5,415	4,207	.....	.....	.....	.....	56.3	.....	.....	.....	.....	.....	.....	1.4
Douglas.....	4,881	16,951	4,738	14,936	.....	14,555	20.5	24.1	.....	-7.5	.....	13.5	2.5	3.4
Hood River.....	3,195	5,120	.....	8,016	.....	.....	38.4	.....	.....	.....	.....	-36.1	.....	9.5
Jackson.....	10,039	10,366	13,360	11,896	2,634	11,064	49.2	53.8	19.2	-27.6	426.2	-12.9	7.5	3.7
Josephine.....	3,151	4,504	3,897	5,670	.....	7,517	41.2	40.7	.....	-19.1	.....	-20.6	-24.6	2.8
Klamath.....	4,801	6,612	2,758	5,796	.....	3,970	42.1	32.2	.....	74.1	.....	14.1	46.0	1.1
Lane.....	10,593	25,573	9,009	24,774	3,236	16,368	20.3	26.7	16.5	17.6	178.4	8.2	51.4	5.6
Linn.....	4,840	19,710	4,275	18,387	3,149	15,454	19.7	18.9	16.9	13.2	35.8	7.2	19.0	8.7
Marion.....	17,679	29,508	14,094	25,686	4,258	23,455	37.5	35.4	15.4	25.4	231.0	14.9	9.5	24.7
Multnomah.....	258,288	17,610	212,086	14,176	90,426	12,741	93.6	93.7	87.7	21.8	134.5	24.2	11.3	40.6
Polk.....	2,701	11,480	.....	13,469	.....	9,928	19.0	.....	.....	.....	.....	-14.8	35.7	16.2
Umatilla.....	7,387	18,559	4,460	15,849	4,400	13,643	28.5	22.0	24.4	65.6	1.2	17.1	16.2	5.8
Union.....	6,913	9,723	4,843	11,342	2,991	13,079	41.6	29.9	18.6	42.7	61.9	-14.3	-13.2	4.8
Wasco.....	5,807	7,841	4,880	11,456	3,542	9,657	42.5	29.9	26.8	19.0	37.8	-31.6	18.6	3.3
Yamhill.....	5,333	15,196	.....	18,285	.....	13,420	26.0	.....	.....	.....	.....	-16.9	36.3	21.3
All other counties ¹.....	.....	115,248	.....	101,387	.....	68,988	.....	.....	.....	.....	.....	13.7	47.0	2.3

¹ Comprises all counties in which there were no incorporated places having 2,500 inhabitants or more in 1920. These counties are Columbia, Crook, Curry, Gilliam, Grant, Harney, Jefferson, Lake, Lincoln, Malheur, Morrow, Sherman, Tillamook, Wallowa, Washington, and Wheeler.

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 supplemental tables for the Indian, Chinese, and Japanese population. There are, also, statistics 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—OREGON.

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..	783,389	672,785	413,536	100.0	100.0	100.0	416,334	367,055	384,265	238,500	232,935	180,551	113.4	133.2	129.0
White.....	769,146	655,090	394,582	98.2	97.4	95.4	407,159	361,987	370,345	234,745	217,483	177,000	112.5	130.1	122.8
Negro.....	2,144	1,492	1,105	0.3	0.2	0.3	1,197	947	907	585	677	423	120.4	155.0	153.2
Indian.....	4,590	5,090	4,951	0.6	0.8	1.2	2,301	2,289	2,534	2,556	2,388	2,563	100.5	90.1	93.2
Chinese.....	3,090	7,363	10,307	0.4	1.1	2.5	2,629	461	7,043	320	10,032	365	570.3	2,200.9	2,748.5
Japanese.....	4,151	3,418	2,501	0.5	0.5	0.6	2,802	1,349	3,124	294	2,405	96	207.7	1,062.6	
All other.....	268	312		(*)	(*)		246	22	312						
Native white, total.....	666,995	552,089	340,721	85.1	82.1	82.4	344,849	322,146	300,585	251,504	183,598	157,123	107.0	110.5	116.8
Native parentage.....	497,726	410,851	256,125	63.5	62.0	61.9	258,647	239,079	228,772	188,079	138,782	117,343	108.2	121.0	118.8
Foreign parentage.....	95,827	79,336	49,058	12.2	11.8	11.9	49,146	46,081	42,693	36,043	26,330	22,728	105.3	110.5	116.8
Mixed parentage.....	73,442	55,902	35,538	9.4	8.3	8.6	37,056	36,380	29,120	26,782	18,480	17,062	101.8	108.7	108.4
Foreign-born white.....	102,151	103,001	53,861	13.0	15.3	13.0	62,510	39,841	69,760	33,241	33,885	19,970	150.4	200.9	160.6
URBAN POPULATION.															
Total.....	391,019	307,060	133,180	100.0	100.0	100.0	200,473	190,546	174,224	132,836	76,714	56,466	105.2	131.2	135.9
White.....	384,091	297,095	121,797	98.2	96.8	91.5	195,523	188,523	165,315	131,780	66,134	55,693	103.7	125.4	118.8
Negro.....	1,844	1,204	878	0.5	0.4	0.7	1,005	830	750	508	523	355	110.8	143.8	147.3
Indian, Chinese, Japanese, and all other.....	5,084	8,761	10,505	1.3	2.8	7.9	3,900	1,184	8,153	548	10,057	448	320.4	1,487.8	2,244.9
Native white, total.....	322,583	240,025	97,334	82.5	78.2	73.1	159,519	163,064	128,766	111,259	51,362	45,072	97.8	115.7	111.7
Native parentage.....	227,549	170,078	63,230	58.2	55.4	47.5	113,143	114,406	92,839	77,239	33,732	20,498	98.0	120.2	114.4
Foreign parentage.....	55,807	43,601	34,104	14.3	14.2	25.6	27,423	28,384	22,742	20,859	17,630	16,474	90.0	109.0	107.0
Mixed parentage.....	39,227	26,346	24,463	10.0	8.6	18.4	18,653	20,274	13,185	13,161	14,772	9,001	93.5	106.2	107.0
Foreign-born white.....	61,505	57,070	24,463	15.7	18.6	18.4	36,049	25,459	36,640	20,621	14,772	9,001	141.6	178.1	162.4
RURAL POPULATION.															
Total.....	392,370	365,705	280,356	100.0	100.0	100.0	215,861	176,509	210,041	155,644	156,271	134,085	122.3	134.8	125.9
White.....	385,055	357,995	272,785	98.1	97.9	97.3	211,591	173,404	205,030	152,955	151,349	121,436	122.0	134.0	124.6
Negro.....	300	228	227	0.1	0.1	0.1	192	108	151	77	154	73	177.8		
Indian, Chinese, Japanese, and all other.....	7,015	7,482	7,344	1.8	2.0	2.6	4,078	2,937	4,860	2,622	4,768	2,576	138.8	185.4	185.1
Native white, total.....	344,412	312,064	243,387	87.8	85.3	86.8	185,330	159,082	171,819	140,245	132,236	111,151	110.5	122.5	116.0
Native parentage.....	270,177	246,773	192,895	68.9	67.5	68.8	145,504	124,873	135,633	110,840	105,050	87,845	116.7	122.6	119.6
Foreign parentage.....	40,020	35,735	50,492	10.2	9.8	18.0	21,723	18,297	19,951	15,784	15,784	8,445	118.7	120.4	116.6
Mixed parentage.....	34,215	29,559	29,398	8.7	8.1	10.5	18,103	16,112	15,935	13,621	27,188	23,306	112.4	117.0	116.8
Foreign-born white.....	40,643	45,931	29,398	10.4	12.6	10.5	26,261	14,382	33,211	12,720	19,113	10,285	182.6	261.1	185.8

¹ Ratio not shown where number of females is less than 100.² Comprises 142 Filipinos, 90 Hindus, 31 Koreans, and 5 Hawaiians.³ Less than one-tenth of 1 per cent.

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. For statistics of school attendance for Indian, Chinese, and Japanese population, see supplemental table.]

AGE PERIOD.	ALL CLASSES.			NATIVE WHITE.						FOREIGN-BORN WHITE.			NEGRO.		
	Total number.			Native parentage.			Foreign or mixed parentage.			Total number.			Total number.		
	Num.	Per cent.	Num.	Num.	Per cent.	Num.	Num.	Per cent.	Num.	Num.	Per cent.	Num.	Num.	Per cent.	Num.
THE STATE: 1920															
5 to 20 years, inclusive.....	217,103	152,275	70.1	154,611	109,988	71.1	52,168	38,219	69.4	6,952	3,805	54.7	407	275	67.6
Male.....	109,178	75,993	69.6	77,607	54,780	70.5	26,168	18,085	69.1	3,534	1,910	54.0	211	142	67.3
Female.....	107,925	76,282	70.7	76,944	55,208	71.8	26,000	18,134	69.7	3,418	1,895	55.4	196	133	67.9
5 and 6 years.....	29,399	10,662	36.3	21,714	7,880	36.3	6,894	2,550	37.0	325	119	36.6	55	21	38.2
7 to 13 years.....	99,562	94,312	94.7	72,248	68,455	94.8	23,651	22,609	95.6	2,389	2,148	90.9	187	176	93.6
14 and 15 years.....	25,623	23,924	93.4	18,151	16,822	92.7	6,052	5,417	89.5	980	788	80.4	42	41	97.6
16 and 17 years.....	25,017	19,331	77.3	17,232	10,605	61.5	6,196	3,507	56.6	1,139	494	43.4	40	21	52.5
18 to 20 years.....	37,502	9,146	24.4	25,260	6,426	25.4	9,375	2,139	22.8	2,119	256	12.1	83	17	20.5
URBAN POPULATION.															
5 and 6 years.....	12,933	4,967	38.4	8,804	3,383	38.4	3,743	1,452	38.8	207	78	37.7	47	19	40.6
7 to 13 years.....	43,000	41,888	97.4	29,181	28,048	96.1	12,445	12,033	96.7	1,565	1,428	91.2	148	141	95.3
14 to 20 years.....	41,238	21,832	52.9	26,466	14,688	55.5	11,441	5,841	51.1	2,855	1,060	37.1	131	60	45.8
RURAL POPULATION.															
5 and 6 years.....	16,466	5,695	34.6	12,910	4,497	34.8	3,151	1,098	34.8	118	41	34.7	8	2	25.0
7 to 13 years.....	55,956	52,424	93.7	43,067	40,407	93.8	11,203	10,573	94.4	824	720	87.4	39	34	87.2
14 to 20 years.....	46,904	25,460	54.3	34,183	18,965	55.5	10,182	5,222	51.3	1,883	478	25.4	84	19	22.6
THE STATE: 1910															
5 to 20 years, inclusive.....	187,043	118,005	63.1	126,852	82,291	64.9	48,712	30,800	63.2	8,665	3,170	36.6	213	105	49.3
Male.....	96,436	59,731	61.9	64,817	41,737	64.4	24,456	15,387	62.9	5,504	1,648	29.9	107	47	43.9
Female.....	90,607	58,274	64.3	62,035	40,554	65.4	24,256	15,413	63.5	3,161	1,522	48.1	106	58	54.7
5 and 6 years.....	23,304	6,408	27.5	16,823	4,522	26.9	5,598	1,637	29.2	549	152	27.7	33	10	30.3
7 to 13 years.....	77,652	70,141	90.3	54,270	48,893	90.0	19,945	18,311	91.8	2,387	2,094	87.7	78	66	84.6
14 and 15 years.....	22,726	19,924	87.7	15,357	13,042	85.0	6,309	5,512	87.4	648	465	71.8	19	11	57.9
16 and 17 years.....	24,001	13,633	57.1	15,808	9,643	61.0	6,819	3,538	51.9	1,030	281	27.1	23	8	34.8
18 to 20 years.....	39,360	7,839	19.9	24,594	5,621	22.9	9,981	1,802	18.1	4,045	178	4.4	60	10	16.7
URBAN POPULATION.															
5 and 6 years.....	8,189	2,304	28.1	5,193	1,415	27.2	2,532	767	30.3	377	100	26.5	27	8	29.6
7 to 13 years.....	27,857	25,311	90.9	17,292	15,661	90.7	8,808	8,108	92.1	1,556	1,371	88.1	58	50	86.2
14 to 20 years.....	36,530	16,202	44.4	21,199	10,375	48.9	11,797	5,148	43.6	3,139	658	20.9	79	20	25.3
RURAL POPULATION.															
5 and 6 years.....	15,115	4,104	27.2	11,630	3,107	26.7	3,066	870	28.4	172	52	30.2	6	2	33.3
7 to 13 years.....	49,795	44,830	90.0	36,978	33,182	89.7	11,137	10,203	91.6	831	728	87.6	20	16	80.0
14 to 20 years.....	49,557	25,251	51.0	31,560	18,531	58.6	11,372	5,706	50.2	2,590	366	14.1	23	9	39.1

COMPOSITION AND CHARACTERISTICS.

23

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

[Per cent not shown where base is less than 100. For statistics of age for Indian, Chinese, and Japanese population, see supplemental table.]

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..	783,389	416,334	367,055	497,726	256,647	239,079	169,269	86,202	83,067	102,151	62,310	39,841	2,144	1,197	947
Under 5 years.....	71,318	36,203	35,115	54,060	27,648	27,012	14,833	7,644	7,189	392	196	196	117	49	68
Under 1 year.....	13,597	6,913	6,084	10,554	5,337	5,217	2,658	1,382	1,276	35	20	15	26	9	17
5 to 9 years.....	73,084	37,072	36,012	53,028	27,212	26,416	17,355	8,802	8,553	1,087	539	548	134	68	66
10 to 14 years.....	69,014	34,933	34,081	49,637	25,116	24,521	16,287	8,277	8,010	2,144	1,068	1,076	120	69	60
15 to 19 years.....	62,775	31,181	31,594	43,214	21,411	21,803	15,420	7,567	7,853	2,968	1,523	1,440	118	63	55
20 to 44 years.....	314,820	166,595	148,225	187,843	96,085	91,158	73,518	36,455	37,063	47,571	29,599	17,072	1,092	606	486
45 years and over....	191,524	109,787	81,737	108,155	60,189	47,966	31,749	17,395	14,354	47,862	29,285	18,577	547	337	210
Age unknown.....	854	563	291	589	386	203	107	62	45	127	95	32	7	5	2
18 to 44 years.....	340,092	179,038	161,054	204,977	105,084	99,893	79,787	39,496	40,291	48,937	30,307	18,630	1,149	635	514
21 years and over....	494,968	270,953	224,015	288,455	153,332	135,123	102,268	52,390	49,878	94,807	58,580	36,227	1,620	937	683
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.....	9.1	8.7	9.6	11.0	10.7	11.3	8.8	4.3	4.5	0.4	0.3	0.5	5.5	4.1	7.2
Under 1 year.....	1.7	1.7	1.8	2.1	2.1	2.2	1.6	0.8	0.8	(1)	(1)	(1)	1.2	0.8	1.8
5 to 9 years.....	9.3	8.9	9.8	10.8	10.5	11.0	10.3	5.4	5.3	1.1	0.9	1.4	6.2	5.7	7.0
10 to 14 years.....	8.8	8.4	9.3	10.0	9.7	10.3	9.0	3.8	3.8	2.1	1.7	2.7	6.0	5.8	6.3
15 to 19 years.....	8.0	7.5	8.0	8.7	8.3	9.1	9.1	3.8	4.0	2.9	2.5	3.6	5.5	5.3	5.8
20 to 44 years.....	40.2	40.0	40.4	37.7	37.4	38.1	43.4	14.2	14.0	46.0	47.5	45.1	50.9	50.6	51.3
45 years and over....	24.4	26.4	22.3	21.7	23.3	20.1	18.8	20.2	17.3	46.9	47.0	46.6	25.5	28.2	22.2
18 to 44 years.....	43.4	43.0	43.9	41.2	40.6	41.8	47.1	16.8	16.5	47.9	48.8	46.8	53.6	53.0	54.3
21 years and over....	63.2	65.1	61.0	58.0	59.3	56.5	60.4	23.0	23.0	62.8	64.0	60.9	75.6	78.3	72.1
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.....	8.9	8.0	10.2	10.7	9.9	11.7	10.4	10.0	10.9	0.6	0.5	0.9	4.7	3.7	6.2
Under 1 year.....	1.8	1.6	2.1	2.2	2.0	2.4	2.2	2.0	2.3	0.1	(1)	0.1	1.1	0.8	1.5
5 to 9 years.....	8.5	7.5	9.7	9.8	9.1	10.6	10.2	0.7	10.8	1.5	1.1	2.4	4.2	3.9	4.8
10 to 14 years.....	8.3	7.4	9.5	9.2	8.5	10.0	11.1	10.5	11.8	1.6	1.3	2.3	3.6	2.5	5.3
15 to 19 years.....	9.0	8.3	10.0	9.5	8.9	10.2	12.3	11.6	13.1	3.6	3.6	3.6	4.5	3.7	5.6
20 to 44 years.....	44.1	46.0	41.6	41.6	42.9	39.9	42.7	43.5	41.8	56.1	58.3	51.5	63.1	66.0	58.5
45 years and over....	20.9	22.5	18.8	19.0	20.3	17.5	13.2	14.6	11.6	36.1	34.6	39.2	19.4	19.3	19.5
18 to 44 years.....	48.0	49.6	45.8	45.5	46.6	44.1	47.7	48.3	47.1	58.4	60.7	53.5	65.1	67.6	61.4
21 years and over....	63.2	69.9	53.3	58.9	61.7	55.4	53.6	55.9	50.9	90.9	91.6	89.6	81.0	84.5	75.7
URBAN POPULATION.															
All ages: 1920..	391,019	200,473	190,546	227,549	113,143	114,406	95,034	46,376	48,658	61,508	36,049	25,459	1,844	1,005	839
Under 5 years.....	30,680	15,570	15,090	21,049	10,609	10,740	8,186	4,241	3,945	251	131	120	96	42	54
Under 1 year.....	5,830	2,987	2,843	4,181	2,122	2,059	1,486	783	703	18	12	6	17	5	12
5 to 9 years.....	32,210	16,172	16,038	21,730	10,831	10,899	9,371	4,774	4,597	724	353	371	115	62	53
10 to 14 years.....	30,023	14,825	15,198	20,059	9,845	10,214	8,329	4,166	4,163	1,380	684	696	95	49	46
15 to 19 years.....	29,334	13,688	15,646	18,837	8,697	10,140	8,146	3,780	4,360	2,019	986	1,033	93	40	47
20 to 44 years.....	171,803	87,294	84,209	94,514	46,605	47,909	43,428	20,340	23,088	30,250	18,094	12,156	975	525	450
45 years and over....	96,790	52,615	44,175	50,447	26,076	24,371	17,400	9,024	8,475	26,788	15,728	11,060	463	276	187
Age unknown.....	499	309	190	313	180	133	76	45	30	98	73	23	7	5	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.....	7.8	7.8	7.9	9.5	9.6	9.4	8.6	9.1	8.1	0.4	0.4	0.5	5.2	4.2	6.4
Under 1 year.....	1.5	1.5	1.4	1.8	1.8	1.8	1.5	0.8	0.8	0.1	0.1	0.1	0.8	0.6	1.0
5 to 9 years.....	8.2	8.1	8.4	9.5	9.6	9.5	9.9	10.3	9.4	1.2	1.0	1.5	6.2	6.2	6.3
10 to 14 years.....	7.7	7.4	8.0	8.8	8.7	8.9	8.8	9.0	8.6	2.2	1.9	2.7	5.2	4.9	5.5
15 to 19 years.....	7.5	6.8	8.2	8.3	7.7	8.9	8.6	8.2	9.0	3.3	2.7	4.1	5.0	4.6	5.6
20 to 44 years.....	43.9	43.5	44.2	41.5	41.2	41.9	45.7	14.9	14.9	49.2	50.2	47.7	52.9	52.2	53.6
45 years and over....	24.8	26.2	23.2	22.2	23.0	21.3	18.4	19.5	17.4	43.6	43.6	43.4	25.1	27.5	22.3
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.....	7.2	6.4	8.2	8.4	7.8	9.1	10.2	10.1	10.3	0.8	0.6	1.0	4.7	3.7	6.1
Under 1 year.....	1.5	1.4	1.7	1.8	1.7	1.8	1.6	0.8	0.8	0.1	0.1	0.1	0.8	0.7	1.1
5 to 9 years.....	8.5	7.5	9.7	9.8	9.1	10.6	10.2	0.7	10.8	1.5	1.1	2.4	4.2	3.9	4.8
10 to 14 years.....	8.3	7.4	9.5	9.2	8.5	10.0	11.1	11.6	13.1	1.6	1.3	2.3	3.6	2.5	5.3
15 to 19 years.....	9.0	8.3	10.0	9.5	8.9	10.2	12.3	11.6	13.1	3.6	3.6	3.6	4.5	3.7	5.6
20 to 44 years.....	44.1	46.0	41.6	41.6	42.9	39.9	42.7	43.5	41.8	56.1	58.3	51.5	63.1	66.0	58.5
45 years and over....	20.7	22.0	19.0	19.0	20.3	17.5	13.2	14.6	11.6	36.1	34.6	39.2	19.4	19.3	19.5
18 to 44 years.....	48.0	49.6	45.8	45.5	46.6	44.1	47.7	48.3	47.1	58.4	60.7	53.5	65.1	67.6	61.4
21 years and over....	63.2	69.9	53.3	58.9	61.7	55.4	53.6	55.9	50.9	90.9	91.6	89.6	81.0	84.5	75.7
RURAL POPULATION.															
All ages: 1920..	392,370	215,861	176,509	270,177	145,504	124,673	74,235	39,826	34,409	40,643	26,261	14,382	300	192	108
Under 5 years.....	40,658	20,633	20,025	33,011	16,739	16,272	6,647	3,403	3,244	141	65	76	21	7	14
Under 1 year.....	7,787	3,926	3,841	6,373	3,215	3,158	1,172	599	573	17	8	9	4	5	5
5 to 9 years.....	40,874	20,900	19,974	31,898	16,381	15,517	7,984	4,028	3,956	363	186	177	19	6	13
10 to 14 years.....	38,991	20,108	18,883	29,578	15,271	14,307	7,958	4,111	3,847	764	384	380	34	20	14
15 to 19 years.....	33,441	17,493	15,948	24,377	12,714	11,663	7,274	3,781	3,403	949	542	407	25	17	8
20 to 44 years.....	143,317	79,301	64,016	93,329	50,080	43,249	30,090	16,115	13,975	17,321	11,505	5,816	117	81	36
45 years and over....	94,734	57,172	37,562	57,708	34,113	23,595	14,250	8,371	5,870	21,074	13,557	7,517	84	61	23
Age unknown.....	355	254	101	276	206	70	32	17	15	31	22	9	-----	-----	-----
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	9.6	11.3	12.2											

POPULATION—OREGON.

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

[Per cent not shown where base is less than 100. For statistics of illiteracy for Indian, Chinese, and Japanese population, see supplemental table.]

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.....	638,987	9,317	1.5	389,438	1,529	0.4	137,081	461	0.3	100,672	5,172	5.1	1,893	89	4.7
Male.....	343,059	5,589	1.6	203,787	919	0.5	69,756	261	0.4	61,875	3,056	5.0	1,080	50	4.6
Female.....	295,928	3,728	1.3	185,651	610	0.3	67,325	200	0.3	39,097	2,116	5.4	813	39	4.8
10 to 15 years.....	81,500	189	0.2	58,485	121	0.2	19,242	36	0.2	2,607	14	0.5	150	.....	.....
Male.....	41,134	94	0.2	29,528	62	0.2	9,711	17	0.2	1,309	8	0.6	79	.....	.....
Female.....	40,366	95	0.2	28,957	59	0.2	9,531	19	0.2	1,298	6	0.5	71	.....	.....
16 to 20 years.....	62,519	223	0.4	42,498	105	0.2	15,571	25	0.2	3,258	61	1.9	123	.....	.....
Male.....	30,972	138	0.4	20,927	62	0.3	7,655	15	0.2	1,686	43	2.6	64	.....	.....
Female.....	31,547	85	0.3	21,571	43	0.2	7,916	10	0.1	1,572	18	1.1	59	.....	.....
21 years and over.....	494,968	8,905	1.8	288,455	1,303	0.5	102,268	400	0.4	94,807	5,097	5.4	1,620	80	5.5
Male.....	270,953	5,357	2.0	153,332	795	0.5	52,390	229	0.4	53,580	3,005	5.1	937	50	5.3
Female.....	224,015	3,548	1.6	135,123	508	0.4	49,878	171	0.3	41,227	2,092	5.8	683	30	5.7
URBAN POPULATION.															
10 years and over.....	328,149	5,001	1.5	184,170	666	0.4	77,477	217	0.3	60,533	3,182	5.3	1,033	76	4.7
Male.....	168,731	2,984	1.8	91,403	388	0.4	37,361	112	0.3	35,565	1,741	4.9	901	41	4.6
Female.....	159,418	2,017	1.3	92,767	278	0.3	40,116	105	0.3	24,968	1,441	5.8	732	35	4.8
10 to 15 years.....	35,483	82	0.2	23,655	55	0.2	9,819	20	0.2	1,706	5	0.3	111	.....	.....
Male.....	30,084	99	0.3	19,066	53	0.3	8,439	12	0.1	2,197	27	1.2	100	.....	.....
Female.....	262,582	4,820	1.8	141,449	558	0.4	59,210	185	0.3	56,630	3,150	5.6	1,422	76	5.3
RURAL POPULATION.															
10 years and over.....	310,838	4,316	1.4	205,268	863	0.4	59,604	244	0.4	40,139	1,990	5.0	260	13	5.0
Male.....	174,328	2,605	1.5	112,384	531	0.5	32,395	149	0.5	26,010	1,315	5.1	179	9	5.0
Female.....	136,510	1,711	1.3	92,884	332	0.4	27,209	95	0.3	14,129	675	4.8	81	4	.....
10 to 15 years.....	46,017	107	0.2	34,830	66	0.2	9,423	16	0.2	901	9	1.0	39	.....	.....
Male.....	32,435	124	0.4	23,432	52	0.2	7,132	13	0.2	1,061	34	3.2	23	.....	.....
Female.....	232,386	4,085	1.8	147,006	745	0.5	43,049	215	0.5	38,177	1,947	5.1	198	13	6.6
THE STATE: 1910															
10 years and over.....	555,631	10,504	1.9	331,492	1,437	0.4	107,362	404	0.4	100,759	6,120	6.1	1,359	46	3.4
Male.....	324,717	7,214	2.2	185,343	825	0.4	57,663	232	0.4	68,619	4,553	6.6	838	25	3.0
Female.....	230,914	3,290	1.4	146,149	612	0.4	49,699	172	0.3	32,140	1,567	4.9	521	21	4.0
10 to 15 years.....	60,759	151	0.2	45,675	55	0.1	18,121	21	0.1	2,000	25	1.3	67	.....	.....
Male.....	33,959	90	0.3	23,297	33	0.1	9,072	11	0.1	1,081	20	1.9	33	.....	.....
Female.....	32,800	61	0.2	22,378	22	0.1	9,049	10	0.1	919	5	0.5	34	.....	.....
16 to 20 years.....	63,361	791	1.2	40,402	94	0.2	16,800	52	0.3	5,081	561	11.0	83	1	.....
Male.....	33,570	664	2.0	20,780	63	0.3	8,423	36	0.4	3,629	500	13.8	39	1	.....
Female.....	29,791	127	0.4	19,622	31	0.2	8,377	16	0.2	1,452	61	4.2	44	.....	.....
21 years and over.....	425,511	9,562	2.2	245,415	1,288	0.5	72,441	331	0.5	93,678	5,534	5.9	1,209	45	3.7
Male.....	257,188	6,460	2.5	141,266	729	0.5	40,163	185	0.5	63,909	4,033	6.3	766	24	3.1
Female.....	168,323	3,102	1.8	104,149	559	0.5	32,273	146	0.5	29,769	1,501	5.0	443	21	4.7
URBAN POPULATION.															
10 years and over.....	284,881	3,371	1.3	143,107	338	0.2	56,618	139	0.2	55,581	2,319	4.2	1,156	35	3.0
Male.....	152,873	2,172	1.4	79,172	210	0.3	29,198	77	0.3	35,799	1,385	3.9	700	17	2.4
Female.....	112,008	1,199	1.1	63,935	128	0.2	27,420	62	0.2	19,782	934	4.7	456	18	3.9
10 to 15 years.....	24,402	34	0.1	14,892	9	0.1	8,063	7	0.1	1,266	11	0.9	49	.....	.....
Male.....	28,084	207	0.7	16,101	24	0.1	8,894	21	0.2	2,756	146	5.3	66	1	.....
Female.....	212,395	3,130	1.5	112,114	305	0.3	39,661	111	0.3	51,559	2,162	4.2	1,041	34	3.3
RURAL POPULATION.															
10 years and over.....	290,750	7,133	2.5	188,385	1,099	0.6	50,744	265	0.5	45,178	3,801	8.4	203	11	5.4
Male.....	171,844	5,042	2.9	106,171	615	0.6	28,465	155	0.5	32,820	3,168	9.7	138	8	5.8
Female.....	118,906	2,091	1.8	82,214	484	0.6	22,279	110	0.5	12,358	633	5.1	65	3	.....
10 to 15 years.....	42,357	117	0.3	30,783	46	0.1	10,058	14	0.1	784	14	1.9	18	.....	.....
Male.....	35,277	584	1.7	24,301	70	0.3	7,906	31	0.4	2,325	415	17.8	17	.....	.....
Female.....	213,116	6,432	3.0	133,301	933	0.7	32,780	220	0.7	42,119	3,372	8.0	168	11	6.5

25

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.		
	Male.		Female: 1920	Male.		Female: 1920
	1920	1910		1920	1910	
Total	270,953	257,188	224,015	100.0	100.0	100.0
White.....	264,302	246,343	221,228	97.5	95.4	98.8
Negro.....	937	766	533	0.3	0.3	0.3
Indian.....	1,008	1,235	1,003	0.4	0.5	0.5
Chinese.....	2,273	6,710	211	0.8	2.6	0.1
Japanese.....	2,134	2,834	792	0.8	1.1	0.4
All other.....	200	300	8	0.1	0.1	(¹)

¹ Less than one-tenth of 1 per cent.

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

COUNTRY OF BIRTH.	THE STATE.		PORTLAND.		COUNTRY OF BIRTH.	THE STATE.		PORTLAND.	
	Number.	Per cent distribution.	Number.	Per cent distribution.		Number.	Per cent distribution.	Number.	Per cent distribution.
All countries.....	102,151	100.0	47,114	100.0	Italy.....	4,324	4.2	2,847	6.0
Austria.....	2,798	2.7	1,599	3.4	Jugo-Slavia.....	1,133	1.2	472	1.0
Belgium.....	722	0.7	293	0.6	Mexico.....	599	0.6	91	0.2
Canada.....	13,774	13.5	6,437	13.7	Netherlands.....	917	0.9	365	0.8
Czechoslovakia.....	1,132	1.1	330	0.7	Norway.....	6,955	6.8	2,915	6.2
Denmark.....	3,602	3.5	1,365	2.9	Poland.....	1,480	1.4	909	1.9
England.....	7,953	7.8	4,021	8.5	Russia.....	6,970	6.8	5,161	11.0
Finland.....	6,050	5.9	1,394	3.0	Scotland.....	3,909	3.5	1,890	3.8
France.....	1,273	1.2	529	1.1	Spain.....	553	0.5	74	0.2
Germany.....	13,740	13.5	5,384	11.4	Sweden.....	10,532	10.3	5,060	10.7
Greece.....	1,925	1.9	896	1.9	Switzerland.....	4,166	4.1	1,283	2.7
Hungary.....	909	0.9	519	1.1	Wales.....	592	0.6	274	0.6
Ireland.....	4,203	4.1	1,969	4.2	All other countries.....	2,205	2.2	1,118	2.4

TABLE 7.—INDIANS, CHINESE, AND JAPANESE, FOR COUNTIES AND PORTLAND: 1920, 1910, AND 1900.

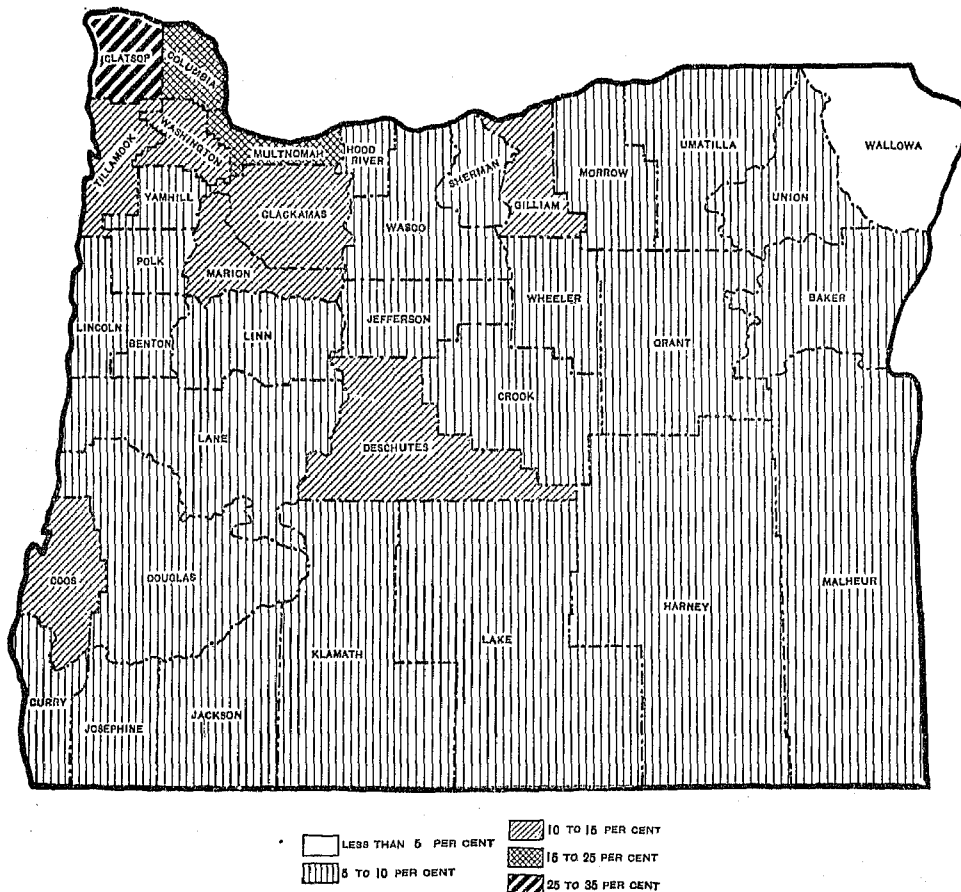
[illegible]

POPULATION—OREGON.

TABLE 8.—AGE, FOR CITIES 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.
Astoria.	7,978	6,049	4,707	4,273	2,827	1,682	4	4	Portland.	132,115	126,173	101,086	104,761	27,344	19,770	833	723
Under 5 years.....	674	583	650	560	3	4			Under 5 years.....	10,103	9,867	9,774	9,550	97	97	37	45
Under 1 year.....	121	92	112	89	1				Under 1 year.....	1,940	1,896	1,877	1,833	8	4	5	10
5 to 9 years.....	609	627	577	602	17	15			5 to 9 years.....	10,467	10,290	10,033	9,851	280	302	48	45
10 to 14 years.....	573	567	539	531	20	27		1	10 to 14 years.....	9,164	9,476	8,497	8,807	565	574	40	36
15 to 19 years.....	469	469	390	412	65	53	2		15 to 19 years.....	8,548	8,895	7,582	8,923	806	872	32	41
20 to 44 years.....	3,883	2,779	1,944	1,749	1,719	986	1	2	20 to 44 years.....	59,835	57,878	44,069	47,379	14,026	9,628	446	389
45 years and over.....	1,748	1,011	592	408	988	596	1	1	45 years and over.....	33,837	28,690	21,005	20,184	11,609	8,279	228	165
Age unknown.....	22	13	15	11	6	1			Age unknown.....	161	87	96	67	61	18	2	2
18 to 44 years.....	4,078	2,983	2,099	1,926	1,751	1,011	1	2	18 to 44 years.....	63,394	62,194	47,226	51,240	14,384	10,034	459	412
21 years and over.....	5,548	3,692	2,472	2,079	2,698	1,564	2	2	21 years and over.....	92,074	84,436	63,664	65,045	26,409	17,724	669	544
Eugene.	5,002	5,591	4,071	5,300	310	285	7	2	Salem.	8,957	8,722	7,611	7,898	1,222	761	32	31
Under 5 years.....	415	380	412	380	2		1		Under 5 years.....	550	513	514	505	5	1		1
Under 1 year.....	71	69	71	69					Under 1 year.....	112	82	109	79				
5 to 9 years.....	415	467	411	464	2	3			5 to 9 years.....	597	632	573	619	12	8	3	2
10 to 14 years.....	437	472	432	468	5	2			10 to 14 years.....	675	695	657	661	15	15	5	5
15 to 19 years.....	419	495	414	484	4	10	1		15 to 19 years.....	722	795	694	758	16	22	4	3
20 to 44 years.....	1,829	2,220	1,732	2,123	87	94	5	2	20 to 44 years.....	3,487	3,541	3,001	3,250	443	268	16	12
45 years and over.....	1,477	1,553	1,262	1,378	208	175			45 years and over.....	2,907	2,548	2,133	2,088	730	449	8	8
Age unknown.....	10	4	8	3	2	1			Age unknown.....	13	17	9	17	1	1		
18 to 44 years.....	1,989	2,434	1,888	2,331	90	100	0	2	18 to 44 years.....	3,785	3,570	3,279	3,570	453	274	20	12
21 years and over.....	3,233	3,665	2,921	3,395	295	267	5	2	21 years and over.....	6,200	5,938	5,000	5,196	1,163	707	24	20

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



COMPOSITION AND CHARACTERISTICS.

27

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

[Parts of Crook County taken to form new counties since 1910. For detailed notes concerning changes in boundaries, see Vol. I, 1920, p. 145.]

[Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

SUBJECT.	THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.	Crook. ¹	Curry.
COLOR OR RACE, NATIVITY, AND SEX.									
Total population.....	783,389	17,929	13,744	37,698	23,030	13,960	22,257	3,424	3,025
Male.....	410,334	9,832	7,185	19,084	13,381	8,004	12,255	1,903	1,798
Female.....	307,055	8,097	6,559	17,714	9,649	5,956	10,002	1,518	1,229
Native white.....	666,095	16,440	12,900	31,022	15,497	11,114	19,667	3,137	2,693
Male.....	344,849	8,781	6,673	16,662	8,356	6,058	10,563	1,706	1,567
Female.....	322,146	7,659	6,227	15,260	7,141	5,056	9,104	1,431	1,126
Native white—Native parentage.....	497,726	13,759	10,727	22,108	8,227	7,400	15,240	2,675	2,308
Native white—Foreign parentage.....	95,827	1,315	1,005	5,777	5,362	2,305	2,333	216	177
Native white—Mixed parentage.....	73,442	1,360	1,168	3,947	1,908	1,409	2,085	246	208
Foreign-born white.....	102,151	1,288	768	5,500	6,727	2,743	2,445	284	240
Male.....	62,310	886	461	3,135	4,351	1,855	1,605	198	177
Female.....	39,841	402	307	2,365	2,376	888	840	86	63
Negro.....	2,144	21	15	26	14	4	30	1	1
Male.....	1,197	14	10	15	7	2	18	1	1
Female.....	947	7	5	11	7	2	12	—	—
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	12,090	180	61	250	792	90	115	2	91
Per cent native white.....	85.1	91.7	93.9	84.7	67.3	79.6	88.4	91.6	89.0
Per cent foreign-born white.....	13.0	7.2	5.6	14.6	29.2	19.6	11.0	8.3	7.9
Per cent Negro.....	0.3	0.1	0.1	0.1	0.1	(²)	0.1	(²)	(²)
1910: Total population.....	672,785	18,076	10,663	29,931	18,108	10,580	17,959	9,315	2,044
Native white.....	552,089	15,015	9,935	24,896	9,408	8,082	15,266	8,059	1,099
Foreign-born white.....	103,001	1,852	703	4,853	6,009	2,435	2,406	790	193
Negro.....	1,492	27	1	11	25	1	17	8	1
Per cent native white.....	82.1	88.0	93.2	83.2	53.4	76.4	85.0	86.5	83.1
Per cent foreign-born white.....	15.3	10.2	6.6	16.2	37.3	23.0	13.4	8.5	9.4
Per cent Negro.....	0.2	0.1	(²)	(²)	0.2	(²)	0.1	0.1	(²)
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.									
Total under 7 years of age.....	100,717	2,622	1,761	5,305	2,996	2,140	3,180	478	468
Total 7 to 13 years, inclusive.....	90,562	2,523	1,703	5,508	2,715	2,055	3,247	423	408
Number attending school.....	94,312	2,366	1,656	5,173	2,591	1,984	2,804	380	265
Per cent attending school.....	94.7	93.8	92.4	93.9	95.4	96.5	88.2	92.0	95.0
Total 14 and 15 years.....	25,623	607	513	1,374	656	494	834	109	107
Number attending school.....	23,224	548	472	1,195	589	440	753	91	68
Per cent attending school.....	90.6	90.3	92.0	87.0	89.8	89.1	90.3	83.5	63.6
Total 16 and 17 years.....	25,017	603	499	1,245	627	420	736	121	106
Number attending school.....	14,031	358	337	641	338	196	416	76	44
Per cent attending school.....	55.7	59.4	67.5	51.5	53.9	46.7	56.5	62.8	41.5
Total 18 to 20 years, inclusive.....	37,502	846	882	1,775	1,024	626	1,058	171	157
Number attending school.....	9,146	178	430	335	205	86	209	45	20
Per cent attending school.....	24.4	21.0	48.8	18.9	20.0	13.7	19.8	26.3	12.7
Males 21 years of age and over.....	270,953	6,196	4,402	12,234	9,216	5,007	7,654	1,263	1,150
Native white—Native parentage.....	163,332	4,251	3,188	6,308	2,839	2,253	4,069	911	758
Native white—Foreign or mixed parentage.....	52,360	932	735	2,880	1,668	984	1,406	163	188
Foreign-born white.....	55,580	861	448	2,911	4,135	1,776	1,530	187	173
Naturalized.....	31,899	531	263	1,858	1,098	772	805	119	109
First papers.....	11,255	96	68	528	938	499	303	25	18
Alien.....	12,800	202	71	386	1,059	437	294	33	41
Unknown.....	2,626	32	46	189	140	63	128	10	5
Negro.....	937	12	6	7	4	1	10	1	30
Indian, Chinese, Japanese, and all other.....	5,714	140	25	128	570	73	39	1	—
Females 21 years of age and over.....	224,015	4,532	3,894	10,257	5,796	3,158	5,542	859	620
Native white—Native parentage.....	135,123	3,341	2,902	5,551	2,047	1,687	3,556	679	454
Native white—Foreign or mixed parentage.....	49,878	787	682	2,513	1,456	659	1,181	103	101
Foreign-born white.....	36,227	380	294	2,145	2,218	806	778	76	57
Naturalized.....	23,581	291	220	1,470	1,288	484	515	69	44
First papers.....	726	3	3	42	26	19	11	1	1
Alien.....	10,320	75	38	540	778	267	171	4	7
Unknown.....	1,594	11	33	87	121	36	81	2	5
Negro.....	683	7	5	3	5	—	6	—	—
Indian, Chinese, Japanese, and all other.....	2,104	17	11	45	75	6	21	1	17
Males 18 to 44 years, inclusive.....	179,038	4,088	2,996	7,553	6,669	3,516	5,155	893	757
Females 18 to 44 years, inclusive.....	161,054	3,396	2,761	6,932	4,551	2,360	4,196	653	484
ILLITERACY.									
Total 10 years of age and over.....	638,987	14,241	11,199	30,019	18,823	10,915	17,627	2,757	2,371
Number illiterate.....	9,317	179	46	383	460	176	167	17	23
Per cent illiterate.....	1.5	1.3	0.4	1.3	2.4	1.6	0.9	0.6	1.2
Per cent illiterate in 1910.....	1.9	4.4	0.5	1.6	3.5	1.3	1.2	2.8	1.4
Native white.....	526,519	12,773	10,375	24,398	11,441	8,101	15,105	2,474	2,070
Number illiterate.....	1,990	40	20	93	16	31	58	9	3
Per cent illiterate.....	0.4	0.3	0.2	0.4	0.1	0.4	0.4	0.4	0.1
Foreign-born white.....	100,672	1,278	766	5,410	6,666	2,726	2,419	280	237
Number illiterate.....	5,172	107	22	247	251	130	97	8	21
Per cent illiterate.....	5.1	8.4	2.9	4.6	3.8	4.8	4.0	2.9	8.9
Negro.....	1,893	21	14	21	14	1	20	1	1
Number illiterate.....	89	—	—	—	—	—	—	—	—
Per cent illiterate.....	4.7	—	—	—	—	—	—	—	—
Total 16 to 20 years, inclusive.....	62,519	1,449	1,381	3,020	1,651	1,040	1,794	292	263
Number illiterate.....	223	5	3	8	4	4	7	—	—
Per cent illiterate.....	0.4	0.3	0.2	0.3	0.2	0.4	0.4	—	—
Illiterate males 21 years of age and over.....	5,367	150	19	103	332	124	97	14	22
Per cent of all males 21 years of age and over.....	2.0	2.4	0.4	1.6	3.6	2.4	1.3	1.1	1.9
Native white.....	1,024	25	6	40	8	17	36	8	1
Foreign-born white.....	3,005	93	10	124	151	93	56	6	18
Negro.....	50	—	—	—	—	—	—	—	—
Illiterate females 21 years of age and over.....	3,548	24	20	171	123	45	60	3	5
Per cent of all females 21 years of age and over.....	1.6	0.5	0.5	1.7	2.1	1.4	1.1	0.3	0.8
Native white.....	679	13	7	40	7	9	15	1	1
Foreign-born white.....	2,092	11	12	118	99	35	38	2	3
Negro.....	39	—	—	—	—	—	—	—	—
DWELLINGS AND FAMILIES.									
Dwellings, number.....	185,081	4,485	3,372	9,558	5,060	3,375	5,388	912	807
Families, number.....	202,890	4,687	3,553	9,813	5,652	3,482	5,744	943	818

¹ See headnote.² Less than one-tenth of 1 per cent.

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

[Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

SUBJECT.	De- schutes. ¹	Douglas.	Gilliam.	Grant.	Harney.	Hood River.	Jackson.	Jefferson. ¹	Josephine.
COLOR OR RACE, NATIVITY, AND SEX.									
Total population.....	8,622	21,332	3,960	5,496	3,992	8,315	20,405	3,211	7,655
Male.....	5,483	11,615	2,307	3,144	2,382	4,527	10,656	1,794	4,229
Female.....	4,139	9,717	1,653	2,352	1,610	3,788	9,749	1,417	3,426
Native white.....	8,568	19,812	3,510	5,048	3,544	7,208	19,058	2,016	7,090
Male.....	4,744	10,602	1,978	2,709	2,040	3,838	9,855	1,443	3,862
Female.....	3,824	9,210	1,532	2,349	1,504	3,370	9,203	1,173	3,228
Native white—Native parentage.....	6,748	16,842	2,888	4,273	3,064	5,733	16,185	2,152	6,033
Native white—Foreign parentage.....	926	1,238	331	350	229	735	1,332	239	495
Native white—Mixed parentage.....	894	1,732	291	425	251	740	1,541	225	562
Foreign-born white.....	1,026	1,386	444	372	324	679	1,191	267	599
Male.....	720	900	324	275	267	421	708	185	333
Female.....	306	486	120	97	57	258	483	82	176
Negro.....	17	7	1	1	14	4	65	5	22
Male.....	11	4	1	1	8	1	34	3	14
Female.....	6	3			6	3	31	2	8
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	11	127	5	75	110	424	91	323	34
Per cent native white.....	89.0	92.9	88.6	91.8	88.8	86.7	93.4	81.5	92.6
Per cent foreign-born white.....	10.7	6.5	11.2	6.8	8.1	8.2	5.8	8.3	6.6
Per cent Negro.....	0.2	(²)	(²)	(²)	0.4	(²)	0.3	0.2	0.3
1910: Total population.....		19,674	3,701	5,607	4,059	8,016	25,756		9,587
Native white.....		18,020	3,306	5,025	3,633	6,486	23,651		8,826
Foreign-born white.....		1,398	380	507	352	1,022	1,927		689
Negro.....		11	1	3	2	8	41		4
Per cent native white.....		91.6	89.3	89.6	89.5	80.9	91.8		92.3
Per cent foreign-born white.....		7.1	10.3	9.0	8.7	12.7	7.5		7.2
Per cent Negro.....		0.1	(²)	0.1	(²)	0.1	0.2		(²)
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.									
Total under 7 years of age.....	1,369	2,885	641	790	404	1,270	2,305	531	916
Total 7 to 13 years, inclusive.....	1,280	2,874	515	788	506	1,151	2,054	456	1,000
Number attending school.....	1,229	2,717	442	736	477	1,089	2,399	406	982
Per cent attending school.....	96.0	94.5	85.8	95.8	94.3	94.6	90.4	89.0	98.2
Total 14 and 15 years.....	301	750	126	194	130	255	730	118	273
Number attending school.....	281	693	114	175	120	229	676	106	261
Per cent attending school.....	93.4	92.4	90.5	90.2	92.3	89.8	92.6	89.8	91.9
Total 16 and 17 years.....	297	711	125	197	130	259	690	99	256
Number attending school.....	162	442	85	141	84	166	442	70	156
Per cent attending school.....	54.5	62.2	68.0	71.6	64.6	64.1	64.1	70.7	60.9
Total 18 to 20 years, inclusive.....	439	1,076	186	297	179	378	954	147	364
Number attending school.....	57	281	38	84	36	100	232	34	74
Per cent attending school.....	13.0	26.1	20.4	28.3	20.1	26.5	27.5	23.1	20.3
Males 21 years of age and over.....	3,562	7,377	1,474	2,000	1,670	2,801	6,905	1,080	2,789
Native white—Native parentage.....	2,193	5,314	929	1,365	1,151	1,729	5,121	692	2,099
Native white—Foreign or mixed parentage.....	684	1,114	231	302	212	468	1,043	147	415
Foreign-born white.....	671	854	310	268	259	409	670	177	327
Naturalized.....	363	532	133	183	139	225	411	140	213
First papers.....	107	88	67	43	51	69	79	14	34
Alien.....	195	146	110	36	65	104	98	22	41
Unknown.....	6	8		6	4	11	82	1	39
Negro.....	8	4	1	1	6	1	24	3	5
Indian, Chinese, Japanese, and all other.....	6	91	3	64	42	194	47	91	13
Females 21 years of age and over.....	2,374	5,659	893	1,250	913	2,201	6,107	780	2,077
Native white—Native parentage.....	1,604	4,321	624	957	683	1,436	4,706	493	1,668
Native white—Foreign or mixed parentage.....	491	877	161	197	148	429	908	119	335
Foreign-born white.....	482	440	107	92	56	242	461	70	164
Naturalized.....	205	347	79	74	41	183	314	69	122
First papers.....	2	4	1	4	3	5	1	1	2
Alien.....	57	50	26	12	7	48	81	6	15
Unknown.....	8	39	1	2	5	6	61	25	3
Negro.....	5	3		1	1	3	14	3	7
Indian, Chinese, Japanese, and all other.....	2	12	1	4	25	91	18	92	7
Males 18 to 44 years, inclusive.....	2,557	4,470	1,108	1,298	1,127	1,886	3,968	746	1,507
Females 18 to 44 years, inclusive.....	1,926	3,934	735	974	679	1,601	3,940	682	1,307
ILLITERACY.									
Total 10 years of age and over.....	7,670	17,151	3,068	4,380	3,311	6,540	18,950	2,458	6,305
Number illiterate.....	70	123	10	51	71	97	108	92	62
Per cent illiterate.....	0.9	0.7	0.3	1.2	2.1	1.5	0.6	3.7	1.0
Per cent illiterate in 1910.....		1.5	1.7	1.9	2.4	2.4	1.0		0.8
Native white.....	6,646	15,667	2,625	3,937	2,897	5,557	15,655	1,946	5,764
Number illiterate.....	10	56	3	29	5	13	72	12	45
Per cent illiterate.....	0.2	0.4	0.1	0.7	0.2	0.2	0.5	0.6	0.8
Foreign-born white.....	999	1,364	438	370	323	670	1,171	265	504
Number illiterate.....	60	46	7	13	11	28	22	8	14
Per cent illiterate.....	6.0	3.4	1.6	3.5	3.4	3.9	1.9	3.0	2.8
Negro.....	18	7	1	1	2	4	54	5	15
Number illiterate.....									
Per cent illiterate.....									
Total 16 to 20 years, inclusive.....	736	1,787	311	494	309	637	1,644	246	620
Number illiterate.....		6	1		4	4		4	2
Per cent illiterate.....		0.3	0.3		1.3	0.6	0.2		0.3
Illiterate males 21 years of age and over.....	62	81	9	33	41	49	40	41	32
Per cent of all males 21 years of age and over.....	1.7	1.1	0.6	1.7	2.5	1.7	0.7	3.8	1.2
Native white.....	5	33	2	15	5	7	33	8	20
Foreign-born white.....	57	28	7	9	8	15	5	7	11
Negro.....									
Per cent of all females 21 years of age and over.....	0.3	0.5	1.0	1.2	2.5	2.0	0.8	6.4	2.5
Native white.....	3	13	8	4	3	5	27	1	20
Foreign-born white.....	3	14			1	10	15	3	3
Negro.....									
DWELLINGS AND FAMILIES.									
Dwellings, number.....	2,462	5,480	986	1,395	1,096	1,996	5,578	837	2,183
Families, number.....	2,576	5,653	1,017	1,447	1,130	2,052	5,769	880	2,242

¹ Organized since 1910; see headnote to table.² Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

29

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

[Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

SUBJECT.	Klamath.	Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.	Multi- nomah.
COLOR OR RACE, NATIVITY, AND SEX.									
Total population.....	11,413	3,991	36,166	6,084	24,550	10,907	47,187	5,617	275,898
Male.....	6,461	2,237	18,076	3,315	12,841	6,240	24,607	3,162	141,740
Female.....	4,952	1,724	17,490	2,769	11,709	4,667	22,580	2,455	134,158
Native white.....	9,308	3,627	33,804	5,170	22,844	9,871	40,502	5,171	219,476
Male.....	5,132	1,995	17,268	2,748	11,833	5,486	20,064	2,851	108,208
Female.....	4,176	1,631	16,536	2,422	11,011	4,385	19,838	2,320	111,268
Native white—Native parentage.....	7,400	3,093	28,435	4,172	18,848	8,313	29,279	4,342	145,107
Native white—Foreign parentage.....	957	226	2,629	556	1,982	816	6,085	454	44,683
Native white—Mixed parentage.....	951	308	2,740	442	2,014	742	5,138	375	29,626
Foreign-born white.....	1,119	312	2,284	590	1,618	965	5,582	430	50,380
Male.....	827	232	1,350	392	934	693	3,315	296	29,373
Female.....	292	80	934	198	684	267	2,247	134	21,007
Negro.....	18	.....	13	1	9	7	72	6	1,027
Male.....	12	.....	9	1	7	5	38	6	879
Female.....	6	.....	4	.....	2	2	34	.....	748
Indian, Chinese, Japanese, and all other (see Tables 1 and 7).....	968	62	65	323	79	64	1,051	10	4,415
Per cent native white.....	81.6	90.9	93.5	85.0	93.1	90.5	85.8	92.1	79.5
Per cent foreign-born white.....	8.8	7.8	6.3	9.7	6.6	8.8	11.8	7.7	18.3
Per cent Negro.....	0.2	.....	(1)	(1)	(1)	0.1	0.2	0.1	0.6
1910: Total population.....	8,554	4,658	33,783	5,587	22,662	8,601	39,780	4,357	226,261
Native white.....	6,602	4,028	30,636	4,484	20,334	7,387	33,012	3,910	169,514
Foreign-born white.....	891	531	3,035	662	1,683	1,045	5,176	430	47,901
Negro.....	21	.....	13	2	2	14	58	5	1,081
Per cent native white.....	77.2	86.5	90.7	80.3	92.4	85.0	84.5	89.7	74.9
Per cent foreign-born white.....	10.4	11.4	9.0	11.8	7.4	12.1	13.0	9.9	21.2
Per cent Negro.....	0.2	0.2	(1)	(1)	(1)	0.2	0.1	0.1	0.5
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.									
Total under 7 years of age.....	1,656	608	4,742	899	3,358	1,797	5,509	874	30,957
Total 7 to 13 years, inclusive.....	1,483	496	4,060	932	3,471	1,515	6,322	792	29,752
Number attending school.....	1,385	468	4,716	851	3,278	1,381	6,029	759	28,992
Per cent attending school.....	93.4	94.4	95.0	91.3	94.4	91.2	95.4	95.8	97.4
Total 14 and 15 years.....	385	135	1,345	224	906	380	1,940	215	7,392
Number attending school.....	354	116	1,204	204	837	342	1,787	194	6,711
Per cent attending school.....	91.9	85.9	89.5	91.1	92.4	88.6	92.1	90.2	90.8
Total 16 and 17 years.....	374	129	1,284	205	957	339	1,856	192	7,705
Number attending school.....	226	78	802	103	629	222	1,250	132	4,317
Per cent attending school.....	60.4	60.5	62.5	50.2	65.7	60.5	67.8	68.8	56.0
Total 18 to 20 years, inclusive.....	565	185	1,912	255	1,198	557	2,491	280	12,538
Number attending school.....	115	48	567	47	322	138	768	65	2,860
Per cent attending school.....	20.4	25.9	29.7	18.4	26.9	24.8	30.8	23.2	22.8
Males 21 years of age and over.....	4,189	1,454	11,572	2,017	7,797	3,800	15,422	1,959	98,301
Native white—Native parentage.....	2,458	1,021	8,465	1,224	5,535	2,578	8,635	1,393	45,715
Native white—Foreign or mixed parentage.....	658	185	1,775	319	1,317	532	3,423	267	21,979
Foreign-born white.....	789	225	1,284	379	881	647	3,133	290	27,334
Naturalized.....	400	159	897	266	620	301	1,753	206	14,054
First papers.....	135	38	139	30	74	71	395	39	6,167
Alien.....	235	20	154	41	121	265	440	42	6,580
Unknown.....	19	8	94	42	66	10	545	3	533
Negro.....	8	.....	7	1	5	5	28	3	700
Indian, Chinese, Japanese, and all other.....	276	23	41	94	59	38	203	6	2,573
Females 21 years of age and over.....	2,761	984	10,345	1,552	6,863	2,513	13,647	1,305	89,255
Native white—Native parentage.....	1,746	753	7,734	1,035	5,045	1,885	8,099	990	45,493
Native white—Foreign or mixed parentage.....	491	146	1,727	253	1,165	379	3,372	189	23,685
Foreign-born white.....	259	76	872	189	643	239	2,089	125	18,856
Naturalized.....	191	62	669	141	518	141	1,398	97	11,498
First papers.....	1	.....	5	1	7	6	20	1	464
Alien.....	63	10	137	20	78	89	403	22	6,472
Unknown.....	4	4	61	27	40	3	259	5	422
Negro.....	5	.....	3	.....	2	1	22	.....	560
Indian, Chinese, Japanese, and all other.....	260	9	9	75	8	9	65	1	661
Males 18 to 44 years, inclusive.....	2,972	952	7,087	1,145	4,706	2,735	9,438	1,391	67,300
Females 18 to 44 years, inclusive.....	2,198	736	6,965	1,040	4,590	2,004	8,951	1,030	65,554
ILLITERACY.									
Total 10 years of age and over.....	9,089	3,152	29,299	4,788	19,689	8,403	39,152	4,406	231,561
Number illiterate.....	275	25	182	78	159	159	507	42	3,935
Per cent illiterate.....	3.0	0.8	0.6	1.6	0.7	1.9	1.4	1.0	1.7
Per cent illiterate in 1910.....	6.2	2.6	1.6	3.7	0.8	2.1	2.0	0.5	1.5
Native white.....	7,230	2,800	26,982	3,943	18,013	7,391	32,631	3,967	176,923
Number illiterate.....	33	8	115	12	85	39	320	20	354
Per cent illiterate.....	0.5	0.3	0.4	0.3	0.5	0.5	1.0	0.5	0.2
Foreign-born white.....	1,107	312	2,249	580	1,594	952	5,492	427	49,554
Number illiterate.....	80	9	68	27	46	115	179	18	2,879
Per cent illiterate.....	7.2	2.9	2.6	4.6	2.9	12.1	3.3	4.2	5.8
Negro.....	13	.....	11	1	9	6	65	4	1,444
Number illiterate.....	1	.....	1	.....	.....	.....	2	.....	73
Per cent illiterate.....	.....	.....	.....	.....	.....	.....	.....	.....	5.1
Total 16 to 20 years, inclusive.....	939	314	3,196	460	2,155	896	4,347	472	20,241
Number illiterate.....	6	.....	8	2	5	15	42	2	49
Per cent illiterate.....	0.6	.....	0.3	0.4	0.2	1.7	1.0	0.4	0.2
Illiterate males 21 years of age and over.....	134	20	85	35	56	86	260	25	2,239
Per cent of all males 21 years of age and over.....	3.2	1.4	0.7	1.7	0.7	2.3	1.7	1.3	2.3
Native white.....	15	8	53	5	37	16	124	10	183
Foreign-born white.....	52	6	26	16	18	67	89	11	1,538
Negro.....	1	.....	1	.....	.....	.....	.....	.....	40
Illiterate females 21 years of age and over.....	131	5	80	39	69	58	221	13	1,607
Per cent of all females 21 years of age and over.....	4.7	0.5	0.8	2.5	1.0	2.2	1.6	1.0	1.8
Native white.....	13	.....	47	5	38	17	121	6	124
Foreign-born white.....	26	8	30	11	28	38	88	7	1,312
Negro.....	.....	.....	.....	.....	.....	.....	2	.....	33
DWELLINGS AND FAMILIES.									
Dwellings, number.....	2,797	1,078	9,259	1,045	6,800	2,624	10,774	1,318	59,161
Families, number.....	2,923	1,155	9,636	1,689	6,522	2,772	11,255	1,353	71,591

1 Less than one-tenth of 1 per cent.

POPULATION—OREGON.

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

(Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.)

SUBJECT.	Polk.	Sherman.	Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washington.	Wheeler.	Yamhill.
COLOR OR RACE, NATIVITY, AND SEX.										
Total population.....	14,181	3,828	8,810	25,948	16,636	9,778	13,648	28,376	2,701	20,828
Male.....	7,488	2,115	4,801	14,154	8,797	5,375	7,315	14,141	1,612	10,657
Female.....	6,693	1,711	3,919	11,792	7,839	4,403	6,333	12,235	1,170	9,872
Native white.....	12,810	3,576	7,764	22,795	15,488	9,325	12,073	22,361	2,583	18,623
Male.....	6,696	1,944	4,190	12,193	8,063	5,025	6,313	11,680	1,431	9,541
Female.....	6,114	1,632	3,574	10,602	7,425	4,300	5,760	10,681	1,152	9,082
Native white—Native parentage.....	10,471	2,994	5,969	18,874	12,874	8,286	9,753	16,481	2,318	15,196
Native white—Foreign parentage.....	1,225	297	923	1,909	1,171	463	1,203	4,020	130	1,733
Native white—Mixed parentage.....	1,114	285	872	2,021	1,443	576	1,117	2,860	126	1,694
Foreign-born white.....	1,200	234	1,010	1,975	996	437	1,071	3,888	207	1,680
Male.....	698	156	685	1,347	602	337	715	2,380	180	992
Female.....	502	78	325	628	394	100	356	1,508	27	688
Negro.....	5	3	1	84	16	1	15	0	1	8
Male.....	4	2	1	55	11	1	10	0	1	4
Female.....	1	1	0	29	5	0	5	0	0	4
Indian, Chinese, Japanese and all other (see Tables 1 and 7).....	166	13	35	1,092	136	16	489	118	0	218
Per cent native white.....	90.3	93.5	88.1	87.9	93.1	95.4	88.5	84.8	92.5	90.7
Per cent foreign-born white.....	8.5	6.1	11.5	7.6	6.0	4.5	7.8	14.7	7.4	8.2
Per cent Negro.....	(¹)	0.1	(¹)	0.3	0.1	(¹)	0.1	(¹)	(¹)	(¹)
1910: Total population.....	13,469	4,242	6,266	20,309	18,191	8,364	16,336	21,522	2,484	18,285
Native white.....	12,155	3,325	5,078	17,555	14,739	7,993	11,449	17,599	2,361	16,621
Foreign-born white.....	1,037	913	1,166	1,602	1,260	357	4,314	3,839	121	1,529
Negro.....	2	1	1	55	21	1	31	7	2	6
Per cent native white.....	90.2	78.4	81.0	86.4	81.0	95.6	70.1	81.8	95.0	90.4
Per cent foreign-born white.....	7.7	21.5	18.4	7.9	7.8	4.3	26.4	17.8	4.9	8.4
Per cent Negro.....	(¹)	(¹)	(¹)	0.3	0.1	(¹)	0.2	(¹)	0.1	(¹)
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.										
Total under 7 years of age.....	2,024	572	1,309	3,580	2,393	1,643	1,890	3,648	443	2,628
Total 7 to 13 years, inclusive.....	2,007	558	1,184	3,290	2,465	1,462	1,976	3,826	413	2,776
Number attending school.....	1,801	526	1,127	3,009	2,304	1,389	1,897	3,627	400	2,568
Per cent attending school.....	89.7	94.3	95.2	93.3	93.5	95.0	96.0	94.8	96.9	92.5
Total 14 and 15 years.....	464	138	289	917	634	366	494	949	97	779
Number attending school.....	403	128	268	857	582	341	467	853	90	685
Per cent attending school.....	86.9	92.8	92.7	93.5	91.8	93.2	94.5	90.2	92.0	87.9
Total 16 and 17 years.....	467	119	273	816	586	368	471	924	97	744
Number attending school.....	286	77	152	523	364	238	312	497	65	495
Per cent attending school.....	61.2	64.7	55.7	64.1	62.1	66.5	66.2	53.8	66.5	66.5
Total 18 to 20 years, inclusive.....	713	183	425	1,297	825	520	675	1,176	116	1,020
Number attending school.....	180	59	84	314	206	93	176	261	27	342
Per cent attending school.....	25.1	32.2	19.8	24.2	25.0	17.6	26.1	22.2	23.3	33.5
Males 21 years of age and over.....	4,590	1,296	3,102	9,109	5,368	3,201	4,554	8,707	1,014	6,021
Native white—Native parentage.....	3,211	912	1,863	6,046	3,742	2,481	2,854	4,334	725	4,490
Native white—Foreign or mixed parentage.....	716	215	578	1,375	940	387	810	2,112	112	1,138
Foreign-born white.....	603	154	647	1,296	575	323	681	2,203	176	934
Naturalized.....	366	95	312	717	388	146	434	1,352	98	571
First papers.....	82	16	150	162	91	52	77	372	20	118
Alien.....	109	31	118	332	82	119	144	371	88	168
Unknown.....	46	12	67	85	14	6	26	108	0	77
Negro.....	3	1	1	49	11	0	8	0	1	4
Indian, Chinese, Japanese, and all other.....	57	13	13	343	100	10	201	52	0	55
Females 21 years of age and over.....	3,911	960	2,168	6,937	4,365	2,219	3,588	7,089	611	5,961
Native white—Native parentage.....	2,802	706	1,414	4,842	3,183	1,815	2,392	3,833	513	4,234
Native white—Foreign or mixed parentage.....	653	178	460	1,172	813	306	732	1,826	75	1,059
Foreign-born white.....	420	75	291	590	357	96	333	1,408	23	621
Naturalized.....	236	63	189	427	289	73	255	975	20	464
First papers.....	4	2	11	11	8	3	11	31	0	9
Alien.....	100	6	72	116	46	19	52	313	3	111
Unknown.....	20	4	30	36	14	1	15	80	0	37
Negro.....	1	1	1	21	5	0	3	3	0	1
Indian, Chinese, Japanese, and all other.....	35	13	13	312	7	2	128	19	0	46
Males 18 to 44 years, inclusive.....	2,857	954	2,123	6,120	3,656	2,314	2,947	5,444	726	3,907
Females 18 to 44 years, inclusive.....	2,633	780	1,663	5,167	3,250	1,821	2,658	4,703	400	3,810
ILLITERACY.										
Total 10 years of age and over.....	11,284	3,009	6,872	20,972	13,147	7,499	10,889	21,084	2,169	16,738
Number illiterate.....	86	45	42	732	138	46	261	292	25	112
Per cent illiterate.....	0.8	1.5	0.6	3.5	1.0	0.6	2.4	1.4	1.2	0.7
Per cent illiterate in 1910.....	1.1	2.4	4.9	3.6	0.5	0.6	7.2	1.8	1.1	1.0
Native white.....	10,003	2,760	5,842	18,062	12,023	7,051	9,421	17,155	1,902	14,924
Number illiterate.....	35	16	16	203	44	19	33	63	12	39
Per cent illiterate.....	0.3	0.6	0.3	1.1	0.4	0.3	0.4	0.4	0.6	0.3
Foreign-born white.....	1,156	233	997	1,948	982	433	1,059	3,840	206	1,656
Number illiterate.....	33	21	22	217	40	25	40	199	13	62
Per cent illiterate.....	2.9	9.0	2.2	11.1	5.0	5.8	3.8	5.2	0.3	3.1
Negro.....	5	3	1	79	16	1	18	9	1	7
Number illiterate.....	5	3	1	79	16	1	18	9	1	7
Per cent illiterate.....	5	3	1	79	16	1	18	9	1	7
Total 16 to 20 years, inclusive.....	1,185	302	698	2,113	1,411	887	1,146	2,100	213	1,764
Number illiterate.....	2	1	3	14	5	1	8	5	0	3
Per cent illiterate.....	0.2	0.3	0.4	0.7	0.4	0.1	0.7	0.2	0.2	0.2
Illiterate males 21 years of age and over.....	37	35	33	424	107	40	135	189	22	50
Per cent of all males 21 years of age and over.....	0.8	2.7	1.1	4.7	2.0	1.2	3.0	2.2	2.2	0.8
Native white.....	16	9	13	141	28	14	21	32	9	21
Foreign-born white.....	15	18	16	170	39	24	28	138	13	23
Negro.....	41	8	5	291	22	4	115	65	3	54
Per cent of all females 21 years of age and over.....	1.0	0.8	0.2	4.2	0.5	0.2	3.2	1.3	0.5	0.9
Native white.....	12	5	3	51	11	3	8	27	3	13
Foreign-born white.....	18	3	2	45	9	1	12	60	0	28
Negro.....	41	8	5	291	22	4	115	65	3	54
DWELLINGS AND FAMILIES.										
Dwellings, number.....	3,660	919	2,191	6,010	4,040	2,336	3,255	6,652	635	5,427
Families, number.....	3,746	948	2,202	6,489	4,229	2,390	3,505	6,751	650	5,536

¹ Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

31

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

SUBJECT.	Astoria.	Eugene.	Portland.	Salem.
COLOR OR RACE, NATIVITY, AND SEX.				
Total population.....	14,027	10,593	258,238	17,679
Male.....	7,978	5,002	132,115	8,957
Female.....	6,049	5,591	126,173	8,722
Native white.....	8,980	9,971	205,847	15,503
Male.....	4,707	4,671	101,036	7,611
Female.....	4,273	5,300	104,761	7,898
Native white—Native parentage.....	4,325	8,259	136,216	12,228
Native white—Foreign parentage.....	3,617	812	41,935	1,671
Native white—Mixed parentage.....	1,038	900	27,696	1,610
Foreign-born white.....	4,509	595	47,114	1,983
Male.....	2,827	310	27,344	1,222
Female.....	1,682	285	19,770	761
Negro.....	8	9	1,556	63
Male.....	4	7	833	32
Female.....	4	2	723	31
Indian, Chinese, Japanese, and all other (see Table 7).....	530	18	3,771	124
Per cent native white.....	64.0	94.1	79.7	87.7
Per cent foreign-born white.....	32.1	5.6	18.2	11.2
Per cent Negro.....	0.1	0.1	0.6	0.4
1910: Total population.....	9,599	8,009	207,214	14,094
Native white.....	4,984	5,401	155,172	12,075
Foreign-born white.....	4,088	579	43,780	1,811
Negro.....	22	6	1,045	47
Per cent native white.....	51.9	93.3	74.9	85.7
Per cent foreign-born white.....	42.6	6.4	21.1	12.8
Per cent Negro.....	0.2	0.1	0.5	0.3
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.				
Total under 7 years of age.....	1,774	1,145	28,380	1,533
Total 7 to 13 years, inclusive.....	1,037	1,255	27,495	1,851
Number attending school.....	1,552	1,135	26,804	1,767
Per cent attending school.....	94.3	94.4	97.5	94.9
Total 14 and 15 years.....	402	372	6,852	513
Number attending school.....	353	350	6,244	454
Per cent attending school.....	89.1	94.1	91.1	93.5
Total 16 and 17 years.....	359	354	7,108	506
Number attending school.....	295	254	4,030	421
Per cent attending school.....	87.1	71.8	56.1	70.6
Total 18 to 20 years, inclusive.....	615	569	11,853	942
Number attending school.....	130	260	2,714	276
Per cent attending school.....	21.1	45.0	22.9	29.3
Males 21 years of age and over.....	5,548	3,233	92,074	6,260
Native white—Native parentage.....	1,496	2,338	42,942	3,935
Native white—Foreign or mixed parentage.....	976	533	20,722	1,074
Foreign-born white.....	2,698	295	28,400	1,163
Naturalized.....	1,290	218	13,094	503
First papers.....	553	34	5,764	103
Alien.....	767	20	6,162	156
Unknown.....	70	23	380	401
Negro.....	2	5	669	24
Females 21 years of age and over.....	3,692	3,665	84,430	5,983
Native white—Native parentage.....	1,126	2,734	43,216	3,926
Native white—Foreign or mixed parentage.....	953	601	22,429	1,270
Foreign-born white.....	1,564	287	17,724	707
Naturalized.....	885	212	10,782	393
First papers.....	14	1	444	10
Alien.....	581	41	6,105	121
Unknown.....	84	13	393	178
Negro.....	2	2	544	20
Males 18 to 44 years, inclusive.....	4,078	1,989	63,394	3,785
Females 18 to 44 years, inclusive.....	2,983	2,434	62,194	3,870
ILLITERACY.				
Total 10 years of age and over.....	11,534	8,916	217,561	15,381
Number illiterate.....	304	41	3,654	307
Per cent illiterate.....	2.6	0.5	1.7	2.0
Per cent illiterate in 1910.....	2.5	0.3	1.2	2.3
Native white.....	6,591	8,304	166,639	13,268
Number illiterate.....	10	30	314	243
Per cent illiterate.....	0.2	0.4	0.2	1.8
Foreign-born white.....	4,470	588	46,338	1,957
Number illiterate.....	112	11	2,701	45
Per cent illiterate.....	2.5	1.9	5.8	2.3
Negro.....	8	8	1,381	67
Number illiterate.....			69	2
Per cent illiterate.....			5.0	(1)
Total 16 to 20 years, inclusive.....	974	923	19,051	1,538
Number illiterate.....	3	3	38	88
Per cent illiterate.....	0.3	0.3	0.2	2.5
Illiterate males 21 years of age and over.....	241	13	2,075	112
Per cent of all males 21 years of age and over.....	4.3	0.4	2.3	1.8
Native white.....	5	8	167	77
Foreign-born white.....	70	5	1,420	21
Negro.....	59	23	1,513	118
Illiterate females 21 years of age and over.....	1.6	0.6	1.8	2.0
Per cent of all females 21 years of age and over.....	4	17	113	91
Native white.....	42	6	1,248	22
Foreign-born white.....			32	2
Negro.....				
DWELLINGS AND FAMILIES.				
Dwellings, number.....	2,850	2,686	54,664	3,783
Families, number.....	3,394	2,991	67,045	4,187

1 Per cent not shown, base being less than 100.

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

SUBJECT.	Albany.	Ashland.	Baker.	Bend.	Corvallis.	Dallas.	Grants Pass.	Hood River.	Klamath Falls.
COLOR OR RACE, NATIVITY, AND SEX.									
Total population.....	4,840	4,283	7,729	5,415	5,752	2,701	3,151	3,195	4,801
Male.....	2,330	2,081	3,979	3,042	2,816	1,399	1,589	1,649	2,615
Female.....	2,510	2,202	3,750	2,373	2,936	1,332	1,562	1,546	2,186
Native white—Native parentage.....	3,727	3,505	5,616	3,681	4,514	1,985	2,474	2,413	3,518
Native white—Foreign or mixed parentage.....	769	532	1,375	1,122	921	436	440	527	823
Foreign-born white.....	331	219	627	594	278	272	204	221	400
Negro.....	1	15	10	7	15	—	12	1	10
Indian, Chinese, Japanese, and all other.....	12	12	101	11	24	8	12	33	39
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.									
Total under 7 years of age.....	537	428	1,022	766	565	385	331	406	603
Total 7 to 13 years, inclusive.....	541	569	1,018	693	596	398	412	450	560
Number attending school.....	564	521	960	661	529	386	399	432	550
Total 14 and 15 years.....	136	145	263	170	181	83	114	108	139
Number attending school.....	128	141	234	161	174	77	107	95	133
Total 16 to 20 years, inclusive.....	397	312	636	446	670	193	262	251	409
Number attending school.....	192	180	246	112	484	71	120	107	161
Males 21 years of age and over.....	1,593	1,372	2,546	1,963	1,821	826	1,037	1,068	1,758
Native white—Native parentage.....	1,133	1,059	1,665	1,162	1,340	601	772	752	1,164
Native white—Foreign or mixed parentage.....	271	180	435	422	330	119	161	171	312
Foreign-born white.....	177	120	364	368	131	104	107	127	262
Naturalized.....	124	91	256	201	96	65	82	71	128
Negro.....	—	8	4	5	6	—	2	—	6
Females 21 years of age and over.....	1,636	1,457	2,244	1,377	1,919	816	995	914	1,332
Native white—Native parentage.....	1,206	1,164	1,563	900	1,443	594	730	644	933
Native white—Foreign or mixed parentage.....	292	200	432	307	332	121	173	180	269
Foreign-born white.....	138	87	234	166	135	98	88	83	115
Naturalized.....	104	65	170	121	103	68	73	61	92
Negro.....	—	6	4	2	5	—	2	1	5
ILLITERACY.									
Total 10 years of age and over.....	4,070	3,624	6,273	4,330	4,925	2,134	2,646	2,698	3,939
Number illiterate.....	27	24	39	7	13	7	27	6	17
Native whites 10 years of age and over.....	3,728	3,387	5,549	3,741	4,613	1,879	2,432	2,353	3,602
Number illiterate.....	12	20	18	3	4	2	19	2	3
Foreign-born whites 10 years of age and over.....	329	213	620	573	278	260	199	219	396
Number illiterate.....	15	1	14	4	7	4	6	1	13
Illiterate males 21 years of age and over.....	9	8	24	4	6	1	13	4	12
Illiterate females 21 years of age and over.....	18	10	12	3	6	5	12	2	3
DWELLINGS AND FAMILIES.									
Dwellings, number.....	1,279	1,192	1,883	1,381	1,365	700	806	750	1,162
Families, number.....	1,391	1,263	1,990	1,463	1,610	730	940	784	1,245

SUBJECT.	La Grande.	McMinnville.	Marshfield.	Medford.	Newberg.	North Bend.	Oregon City.	Pendleton.	Roseburg.	The Dalles.
COLOR OR RACE, NATIVITY, AND SEX.										
Total population.....	6,913	2,767	4,034	5,756	2,566	3,288	5,686	7,387	4,331	5,807
Male.....	3,574	1,291	2,154	2,801	1,223	1,789	2,684	3,970	2,222	2,943
Female.....	3,339	1,476	1,880	2,955	1,343	1,479	2,702	3,417	2,109	2,864
Native white—Native parentage.....	5,224	2,199	2,227	4,555	2,020	2,129	3,572	5,339	3,595	4,128
Native white—Foreign or mixed parentage.....	1,164	403	1,063	832	358	686	1,363	1,226	543	1,133
Foreign-born white.....	425	166	570	308	186	422	728	607	232	466
Negro.....	15	7	23	5	—	—	—	71	1	8
Indian, Chinese, Japanese, and all other.....	95	2	21	55	2	30	23	84	5	72
AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP.										
Total under 7 years of age.....	944	266	452	647	288	495	677	741	508	695
Total 7 to 13 years, inclusive.....	962	345	481	729	322	435	730	769	535	814
Number attending school.....	851	327	458	693	317	233	716	730	521	802
Total 14 and 15 years.....	237	102	126	199	92	117	177	217	168	212
Number attending school.....	217	92	116	180	78	106	160	200	161	205
Total 16 to 20 years, inclusive.....	555	254	332	433	223	262	555	644	371	493
Number attending school.....	192	160	123	191	105	93	162	210	170	233
Males 21 years of age and over.....	2,253	848	1,459	1,806	801	1,139	1,889	2,853	1,429	1,865
Native white—Native parentage.....	1,527	637	760	1,354	603	703	1,101	1,883	1,072	1,173
Native white—Foreign or mixed parentage.....	409	119	352	271	101	180	395	446	229	274
Foreign-born white.....	237	87	338	147	95	244	377	422	123	260
Naturalized.....	152	62	175	102	69	135	236	207	89	186
Negro.....	10	3	6	3	—	1	—	39	1	3
Females 21 years of age and over.....	1,962	952	1,184	1,942	840	820	1,649	2,263	1,380	1,728
Native white—Native parentage.....	1,404	723	630	1,430	623	493	965	1,584	1,142	1,104
Native white—Foreign or mixed parentage.....	386	167	350	349	139	171	397	436	148	435
Foreign-born white.....	161	61	197	151	78	151	285	218	90	179
Naturalized.....	121	48	130	101	62	99	205	137	71	138
Negro.....	5	1	4	1	—	—	—	19	—	3
ILLITERACY.										
Total 10 years of age and over.....	5,532	2,358	3,371	4,788	2,145	2,571	4,705	6,347	3,635	4,766
Number illiterate.....	64	9	31	14	7	21	52	283	8	39
Native whites 10 years of age and over.....	5,011	2,190	2,780	4,433	1,959	2,135	3,971	5,543	3,402	4,231
Number illiterate.....	23	5	1	6	5	5	17	132	5	4
Foreign-born whites 10 years of age and over.....	417	154	562	307	184	416	714	659	227	463
Number illiterate.....	13	2	29	4	2	13	35	134	1	15
Illiterate males 21 years of age and over.....	52	5	15	6	4	14	20	216	4	28
Illiterate females 21 years of age and over.....	9	3	14	7	3	7	30	64	3	10
DWELLINGS AND FAMILIES.										
Dwellings, number.....	1,642	754	958	1,518	700	795	1,317	1,497	1,128	1,814
Families, number.....	1,806	764	1,080	1,601	718	893	1,446	1,808	1,207	1,602

COMPOSITION AND CHARACTERISTICS.

33

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

COUNTY OR CITY.	Total foreign-born white.	COUNTRY OF BIRTH.																		
		Austria.	Belgium.	Canada.	Czechoslovakia.	Denmark.	England.	Finland.	France.	Germany.	Greece.	Hungary.	Ireland.	Italy.	Jugo-Slavia.	Netherlands.	Norway.	Poland.	Russia.	Scotland.
COUNTIES.																				
The state..	102,151	2,798	722	13,774	1,132	3,602	7,953	6,050	1,273	13,740	1,928	909	4,203	4,324	1,186	917	6,955	1,480	6,979	3,609
Baker.....	1,288	23	83	174	15	51	146	12	16	188	72	8	80	35	15	12	70	11	13	40
Benton.....	768	7	3	140	20	27	84	5	14	169	16	8	28	8	14	11	24	13	25	37
Clackamas.....	5,500	166	35	621	105	160	368	92	77	1,215	37	30	154	197	121	42	356	87	278	130
Clatsop.....	6,727	48	16	347	29	179	273	2,743	39	205	226	12	101	67	188	16	1,045	30	108	80
Columbia.....	2,743	16	22	222	71	76	108	530	29	194	65	1	39	187	56	18	298	30	105	54
Coos.....	2,445	37	2	333	7	79	148	537	39	236	90	11	97	50	27	13	199	12	24	71
Crook.....	284	3	2	34	5	14	21	4	15	51	.....	.....	10	23	8	10	11	2	10	16
Curry.....	240	3	1	27	8	20	15	10	1	31	21	.....	9	5	1	2	11	2	4	10
Deschutes.....	1,026	31	5	212	10	40	62	11	10	99	17	5	52	29	28	11	181	6	16	20
Douglas.....	1,386	31	2	225	12	33	136	48	16	280	8	2	47	26	3	8	76	4	14	51
Gilliam.....	444	2	.....	49	1	8	24	6	4	24	33	.....	71	4	1	9	20	.....	2	84
Grant.....	372	13	3	83	2	27	38	6	2	49	.....	.....	14	1	1	3	2	1	2	49
Harney.....	324	2	1	19	7	16	20	4	17	43	7	1	18	5	.....	2	4	4	2	25
Hood River.....	670	14	3	108	8	38	101	66	17	104	6	3	17	22	6	4	28	6	10	27
Jackson.....	1,191	10	4	298	11	37	157	4	19	213	9	8	67	15	8	9	35	11	11	57
Jefferson.....	267	1	1	29	1	16	22	.....	2	64	8	.....	32	3	1	1	9	2	4	14
Josephine.....	509	14	2	87	2	15	63	4	11	116	2	7	15	5	.....	2	13	1	10	27
Klamath.....	1,119	23	3	178	101	17	51	16	26	139	52	3	106	117	10	7	87	3	60	14
Lake.....	312	1	1	28	5	7	38	.....	14	43	3	2	102	5	.....	5	9	.....	8	23
Lane.....	2,284	42	4	413	29	447	210	22	12	278	13	8	84	37	1	31	191	31	61	73
Lincoln.....	590	6	1	65	.....	37	59	100	3	76	.....	3	28	4	11	2	59	17	26	16
Linn.....	1,618	40	5	318	117	42	147	2	38	379	16	10	49	.....	23	15	56	13	79	49
Malheur.....	965	13	2	119	4	22	62	2	9	64	15	23	81	12	.....	63	19	2	14	56
Marion.....	5,662	273	40	763	118	166	365	103	100	1,340	23	129	152	90	48	54	565	44	255	102
Morrow.....	430	2	1	60	3	11	30	2	9	39	11	3	151	.....	.....	1	9	5	11	14
Multnomah.....	50,380	1,658	327	6,804	362	1,492	4,267	1,485	557	5,837	919	545	2,083	3,052	503	403	3,081	941	5,263	1,934
Polk.....	1,200	20	2	334	2	28	93	7	26	169	2	27	25	3	3	30	28	26	186	31
Sherman.....	234	6	1	39	2	14	20	3	3	45	16	.....	18	6	.....	1	6	1	4	20
Tillamook.....	1,010	21	7	107	10	37	57	14	6	125	2	2	21	9	38	10	40	20	46	19
Umatilla.....	1,975	21	20	347	7	62	142	69	32	316	101	6	153	38	16	18	123	11	76	86
Union.....	996	10	11	170	5	47	109	10	12	148	31	1	43	27	11	13	60	4	10	64
Wallowa.....	437	43	1	62	3	8	32	8	12	59	7	1	14	8	5	2	57	4	7	11
Wasco.....	1,071	31	7	151	12	44	86	5	22	210	24	1	65	63	16	6	27	8	22	85
Washington.....	3,888	109	104	483	31	143	229	60	44	824	49	36	99	96	15	66	141	83	153	114
Wheeler.....	207	40	.....	6	.....	8	17	.....	1	13	.....	1	17	28	6	.....	4	3	23	27
Yamhill.....	1,680	18	3	319	7	134	153	60	19	265	27	11	51	38	3	17	61	39	65	98
CITIES.																				
Astoria.....	4,509	34	8	179	11	114	164	2,133	19	150	84	11	54	31	81	3	800	6	52	43
Eugene.....	595	16	3	143	13	63	78	1	5	78	4	3	17	3	.....	12	62	6	11	34
Portland.....	47,114	1,599	293	6,437	330	1,365	4,021	1,394	529	5,384	896	519	1,969	2,847	472	365	2,915	909	5,161	1,809
Salem.....	1,983	66	9	353	33	48	204	72	33	384	13	14	91	38	7	23	99	23	105	56

POPULATION—OREGON.

TABLE 13.—AGE, BY QUINQUENNIAL PERIODS, WITH SINGLE YEARS FOR PERSONS UNDER 25, FOR THE STATE: 1920.

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.....	416,334	367,055	258,647	239,079	49,146	46,681	37,056	36,386	62,310	39,841	1,197	947	7,978	4,121
Under 5 years.....	36,203	35,115	27,648	27,012	3,874	3,744	3,770	3,445	196	196	49	68	666	650
Under 1 year.....	6,913	6,684	5,337	5,217	659	606	723	670	20	15	9	17	165	159
5 to 9 years.....	37,072	36,012	27,212	26,416	4,763	4,645	4,039	3,908	539	548	68	66	451	429
10 to 14 years.....	34,933	34,081	25,116	24,521	4,251	4,237	4,026	3,773	1,068	1,076	69	60	403	414
15 to 19 years.....	31,181	31,594	21,411	21,803	4,000	4,077	3,567	3,776	1,528	1,440	63	55	612	443
20 to 24 years.....	31,439	31,710	20,233	20,754	4,436	4,848	3,430	3,643	2,661	1,968	83	67	606	430
25 to 29 years.....	33,986	32,768	20,269	20,339	5,006	5,223	3,343	3,713	4,778	2,998	95	93	495	402
30 to 34 years.....	35,111	30,902	19,870	18,704	4,848	4,451	3,010	3,211	7,085	4,136	110	113	688	287
35 to 39 years.....	36,511	28,714	20,137	17,142	4,176	3,716	2,948	2,924	8,262	4,579	183	117	805	236
40 to 44 years.....	29,548	24,131	16,176	14,219	3,423	3,064	2,335	2,270	6,823	4,291	135	96	656	191
45 to 49 years.....	26,787	20,533	14,793	11,815	3,229	2,678	1,949	1,884	6,141	3,943	126	70	549	143
50 to 54 years.....	23,390	17,681	12,577	10,239	2,485	2,029	1,574	1,338	6,155	3,926	93	54	506	95
55 to 59 years.....	19,319	13,847	10,176	7,855	2,010	1,584	1,094	931	5,412	3,364	54	35	573	88
60 to 64 years.....	15,987	11,397	8,810	6,838	1,532	1,201	852	669	4,349	2,589	23	21	421	79
65 to 69 years.....	10,871	7,567	6,045	4,608	882	620	398	398	3,142	1,861	17	9	255	71
70 to 74 years.....	6,814	5,195	3,899	3,171	385	296	312	267	2,043	1,417	16	8	159	46
75 to 79 years.....	3,942	3,244	2,256	2,021	190	153	152	144	1,281	879	2	3	61	42
80 to 84 years.....	1,781	1,496	1,073	955	76	60	62	58	540	384	2	3	28	36
85 to 89 years.....	689	599	447	365	34	21	26	23	162	172	4	3	16	15
90 to 94 years.....	170	135	97	75	6	5	13	2	46	43	—	2	8	8
95 to 99 years.....	29	42	14	23	1	2	1	1	10	9	—	—	3	7
100 years and over.....	8	1	2	1	—	—	—	—	4	—	—	—	2	—
Age unknown.....	563	291	386	203	39	27	23	18	95	32	5	2	15	9
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.....	8.7	9.6	10.7	11.3	7.9	8.0	10.2	9.5	0.3	0.5	4.1	7.2	8.3	16.8
Under 1 year.....	1.7	1.8	2.1	2.2	1.3	1.3	2.0	1.8	(1)	(1)	0.8	1.8	2.1	3.9
5 to 9 years.....	8.9	9.8	10.5	11.0	9.7	10.0	10.9	10.7	0.9	1.4	5.7	7.0	5.7	10.4
10 to 14 years.....	8.4	9.3	9.7	10.3	8.6	9.1	10.9	10.4	1.7	2.7	5.8	6.3	5.1	10.0
15 to 19 years.....	7.5	8.6	8.3	9.1	8.1	8.7	9.6	10.4	2.5	3.6	5.3	5.8	7.7	10.7
20 to 24 years.....	7.6	8.6	7.8	8.7	9.0	10.4	9.3	10.0	4.3	4.9	6.9	7.1	7.6	10.4
25 to 29 years.....	8.2	8.9	7.8	8.5	10.2	11.2	9.0	10.2	7.7	7.5	7.9	9.8	6.2	9.8
30 to 34 years.....	8.4	8.4	7.7	7.8	8.8	9.5	8.1	8.8	11.4	10.4	9.2	11.9	8.6	7.0
35 to 39 years.....	8.8	7.8	7.8	7.2	8.5	8.0	8.0	8.0	13.3	11.5	15.3	12.4	10.1	5.7
40 to 44 years.....	7.1	6.6	6.3	5.9	7.0	6.6	6.3	6.2	11.0	10.8	11.3	10.1	8.2	4.6
45 to 49 years.....	6.4	5.6	5.7	4.9	6.6	5.7	5.3	5.2	9.9	9.9	10.5	7.4	6.9	3.5
50 to 54 years.....	5.6	4.8	4.9	4.3	5.1	4.3	4.2	3.7	9.9	9.9	7.8	5.7	6.3	2.3
55 to 59 years.....	4.6	3.8	3.9	3.3	4.1	3.4	3.0	2.6	8.7	8.4	4.5	3.7	7.2	2.1
60 to 64 years.....	3.8	3.1	3.4	2.9	3.1	2.6	2.3	1.8	7.0	6.5	1.9	2.2	5.3	1.9
65 to 74 years.....	4.2	3.5	3.8	3.3	2.6	2.0	2.3	1.8	8.3	8.2	2.8	1.8	5.2	2.8
75 to 84 years.....	1.4	1.3	1.3	1.2	0.5	0.5	0.6	0.6	2.9	3.2	0.3	0.8	1.1	1.9
85 to 94 years.....	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.3	0.5	0.3	0.5	0.3	0.6
95 years and over.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.4	0.2	0.1	0.2
Age unknown.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	(1)	0.2	0.1	—	—	0.2	0.2
Year of age (1-24).														
1 year.....	7,262	7,113	5,700	5,552	708	683	680	694	34	27	9	15	131	142
2 years.....	7,364	6,945	5,572	5,371	803	750	799	654	32	47	14	12	144	111
3 years.....	7,350	7,181	5,538	5,481	829	806	796	709	50	59	8	11	120	115
4 years.....	7,314	7,192	5,501	5,391	875	899	772	718	60	48	9	13	97	123
5 years.....	7,450	7,238	5,506	5,351	974	931	787	758	74	74	13	11	96	113
6 years.....	7,513	7,198	5,576	5,281	940	936	787	781	98	79	15	16	97	105
7 years.....	7,533	7,365	5,548	5,400	962	989	818	762	100	115	16	14	89	85
8 years.....	7,331	7,222	5,352	5,308	976	910	796	807	113	122	15	12	79	63
9 years.....	7,245	6,989	5,230	5,076	911	879	851	800	154	158	9	13	90	63
10 years.....	7,271	7,064	5,299	5,137	926	864	779	764	191	195	13	18	63	86
11 years.....	7,140	6,927	5,154	5,007	907	841	816	732	188	173	13	14	62	60
12 years.....	7,078	6,878	5,089	4,951	852	855	844	740	217	229	13	10	33	93
13 years.....	6,709	6,810	4,791	4,926	780	794	813	783	219	215	18	9	38	83
14 years.....	6,735	6,402	4,803	4,500	786	783	774	754	253	264	12	9	107	92
15 years.....	6,201	6,285	4,412	4,436	727	759	707	762	241	222	10	11	104	95
16 years.....	6,240	6,318	4,260	4,439	822	794	762	741	269	247	15	8	112	89
17 years.....	6,297	6,162	4,340	4,193	794	823	714	746	310	313	9	8	130	79
18 years.....	6,168	6,559	4,184	4,456	811	877	696	783	334	331	13	14	130	98
19 years.....	6,275	6,270	4,215	4,279	846	824	688	744	374	327	16	14	136	82
20 years.....	5,992	6,238	3,928	4,204	845	874	677	710	399	354	11	15	132	81
21 years.....	6,451	6,093	4,235	4,100	906	880	730	685	441	364	18	12	121	72
22 years.....	6,160	6,126	3,952	3,999	880	943	668	716	511	365	18	16	131	87
23 years.....	6,390	6,566	4,044	4,210	895	1,047	682	770	633	434	12	14	124	91
24 years.....	6,446	6,687	4,074	4,241	910	1,124	673	762	667	451	24	10	98	99

1 Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

35

TABLE 14.—MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, FOR THE STATE: 1920, 1910, AND 1900.

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

CENSUS YEAR, CLASS OF POPULATION, AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.							FEMALES 15 YEARS OF AGE AND OVER.								
	Total. ¹	Single.		Married.		Widowed.		Divorced.	Total. ¹	Single.		Married.		Widowed.		Divorced.
		Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.			Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	
1920																
All classes—15 years and over.	308,126	112,181	36.4	175,423	56.9	14,474	4.7	5,633	261,847	60,142	23.0	170,069	64.9	26,514	10.1	4,988
15 to 19 years.	31,181	30,759	98.6	407	1.3	3	(2)	3	31,594	27,575	87.3	3,906	12.4	44	0.1	66
20 to 24 years.	31,439	25,886	76.0	7,299	23.2	82	0.3	139	31,710	13,632	43.0	17,358	54.7	286	0.9	417
25 to 34 years.	69,097	25,443	36.8	41,748	60.4	819	1.2	1,028	63,670	10,338	16.2	50,407	79.2	1,576	2.5	1,328
35 to 44 years.	66,059	14,680	22.2	48,180	72.9	1,697	2.4	1,536	62,845	4,611	8.7	44,098	83.4	2,757	5.2	1,365
45 to 54 years.	50,177	8,913	17.8	37,254	74.2	2,584	5.1	1,300	38,214	2,274	6.0	30,226	79.1	4,996	12.9	1,103
55 to 64 years.	35,306	5,428	15.4	25,335	71.8	3,546	10.0	970	25,244	1,084	4.3	16,936	67.1	6,687	26.5	523
65 years and over.	24,304	2,883	11.9	15,037	61.9	5,809	23.9	545	18,279	640	3.0	7,023	38.4	10,524	57.6	174
Age unknown.	663	189	33.6	163	29.0	34	6.0	22	291	88	30.2	7,115	39.5	44	15.1	12
Native white—Native parentage:																
15 years and over. ²	178,671	62,377	34.9	104,035	58.2	8,451	4.7	3,555	161,130	37,160	23.1	104,569	64.9	15,972	9.9	3,340
15 to 19 years.	21,411	21,080	98.5	319	1.5	2	(2)	2	21,803	18,732	85.9	2,984	13.7	34	0.2	50
20 to 24 years.	20,233	14,828	73.3	5,232	25.9	55	0.3	95	20,754	8,290	39.9	11,926	57.5	206	1.0	318
25 to 34 years.	40,139	12,492	31.1	26,410	65.8	532	1.3	674	39,043	5,672	14.5	31,438	80.5	1,013	2.6	906
35 to 44 years.	36,313	6,212	17.1	28,118	77.4	966	2.7	989	31,361	2,398	7.6	26,391	84.2	1,664	5.3	906
45 to 54 years.	27,370	4,011	14.7	21,001	76.7	1,501	5.5	846	22,054	1,145	5.2	17,556	79.6	2,624	11.9	732
55 to 64 years.	18,986	2,351	12.4	14,034	73.9	1,982	10.4	608	14,693	555	3.8	9,911	67.5	3,892	26.5	326
65 years and over.	13,833	1,302	9.4	8,303	63.6	3,380	24.5	324	11,219	307	2.7	4,281	38.2	6,515	58.1	107
Native white—For. or mixed par.:																
15 years and over. ²	61,479	25,872	42.1	32,476	52.8	2,014	3.3	1,073	59,315	17,826	30.1	36,061	60.8	4,373	7.4	1,041
15 to 19 years.	7,567	7,505	99.2	60	0.8	—	—	—	7,853	7,188	91.5	645	8.2	8	0.1	12
20 to 24 years.	7,866	6,279	79.8	1,531	19.5	18	0.2	31	8,491	4,471	52.7	3,886	45.3	58	0.7	75
25 to 34 years.	15,707	6,110	38.9	9,180	58.5	142	0.9	255	16,598	3,690	22.2	12,223	73.6	354	2.1	328
35 to 44 years.	12,882	2,992	23.2	9,306	72.2	265	2.1	312	11,974	1,447	12.1	9,618	80.3	612	5.1	296
45 to 54 years.	9,237	1,737	18.8	6,787	73.5	438	4.7	267	7,929	637	8.0	6,102	77.0	971	12.2	216
55 to 64 years.	5,488	882	16.1	3,917	71.4	555	10.1	131	4,385	278	6.3	2,797	63.8	1,222	27.9	86
65 years and over.	2,670	334	12.5	1,668	62.5	591	22.1	74	2,040	95	4.7	775	38.0	1,142	56.0	27
Native white—Foreign parentage:																
15 years and over. ²	36,258	15,376	42.4	19,038	52.5	1,215	3.4	603	34,055	10,303	30.3	20,655	60.7	2,536	7.4	552
15 to 19 years.	4,000	3,965	99.1	33	0.8	—	—	—	4,077	3,774	92.6	299	7.3	2	(2)	2
20 to 24 years.	4,436	3,005	67.8	800	18.0	8	0.2	20	4,848	2,644	54.5	2,130	44.1	29	0.6	36
25 to 34 years.	9,354	3,815	40.8	5,308	56.7	80	0.9	145	9,674	2,259	23.4	7,054	72.9	190	2.0	168
35 to 44 years.	7,590	1,932	25.4	5,345	70.3	151	2.0	166	6,780	938	13.8	5,336	78.7	335	4.9	170
45 to 54 years.	5,714	1,192	20.9	4,091	71.6	276	4.8	149	4,707	405	8.6	3,600	76.5	584	12.4	117
55 to 64 years.	3,542	626	17.7	2,492	70.4	344	9.7	78	2,785	205	7.4	1,764	63.3	770	27.6	44
65 years and over.	1,574	220	14.0	957	60.8	352	22.4	44	1,157	68	5.9	453	39.2	622	53.8	14
Native white—Mixed parentage:																
15 years and over. ²	25,221	10,496	41.6	13,438	53.3	799	3.2	470	25,260	7,523	29.8	15,406	61.0	1,337	5.3	489
15 to 19 years.	3,567	3,540	99.2	27	0.8	—	—	—	3,776	3,414	90.4	346	9.2	6	0.2	10
20 to 24 years.	3,430	2,674	78.0	731	21.3	10	0.3	11	3,643	1,827	50.2	1,747	48.0	29	0.8	39
25 to 34 years.	6,353	2,295	36.1	3,881	61.1	62	1.0	110	6,924	1,431	20.7	5,169	74.7	164	2.4	160
35 to 44 years.	5,283	1,060	20.1	3,961	75.0	114	2.2	146	5,194	509	9.8	4,282	82.4	277	5.3	126
45 to 54 years.	3,523	645	18.3	2,696	76.5	162	4.6	118	3,222	232	7.2	2,502	77.7	387	12.0	99
55 to 64 years.	1,946	256	13.2	1,425	73.2	211	10.8	53	1,600	73	4.6	1,033	64.6	452	28.3	42
65 years and over.	1,096	114	10.4	711	64.9	239	21.8	30	883	27	3.1	322	36.5	520	58.9	13
Foreign-born white:																
15 years and over. ²	60,507	20,639	34.1	35,093	58.0	3,738	6.2	944	38,021	4,486	11.8	27,190	71.5	5,763	15.2	559
15 to 19 years.	1,528	1,508	98.7	19	1.2	1	0.1	—	1,440	1,224	85.0	214	14.9	1	0.1	1
20 to 24 years.	2,651	2,223	83.9	414	15.6	4	0.2	8	1,068	751	38.2	1,182	60.1	12	0.6	21
25 to 34 years.	11,863	6,198	52.2	5,450	45.9	114	1.0	87	7,134	918	12.9	5,962	83.6	172	2.4	80
35 to 44 years.	15,085	4,971	33.0	9,553	63.3	320	2.1	215	8,870	734	8.3	7,552	85.1	429	4.8	151
45 to 54 years.	12,296	2,809	22.8	8,624	70.1	589	4.8	259	7,869	481	6.1	6,291	79.9	935	11.9	157
55 to 64 years.	9,761	1,818	18.6	6,745	69.1	957	9.8	223	5,943	246	4.1	4,090	68.8	1,496	25.2	109
65 years and over.	7,228	1,061	14.7	4,264	59.0	1,748	24.2	144	4,765	129	2.7	1,884	39.5	2,707	56.8	39
Negro:																
15 years and over. ²	1,011	393	38.9	534	52.8	50	4.9	27	753	112	14.9	511	67.9	99	13.1	30
15 to 19 years.	63	63	100.0	—	—	—	—	—	55	46	83.6	9	16.4	—	—	—
20 to 24 years.	83	88	106.0	14	16.9	1	1.2	—	67	21	31.3	42	62.7	1	1.5	—
25 to 34 years.	205	84	41.0	110	53.7	8	3.9	2	206	18	8.7	172	83.5	10	4.9	6
35 to 44 years.	318	96	30.2	193	60.7	13	4.1	14	213	17	8.0	166	77.9	16	7.5	13
45 to 54 years.	219	48	21.9	150	68.5	12	5.5	8	124	3	2.4	90	72.6	24	19.4	7
55 to 64 years.	77	18	23.4	45	58.4	9	11.7	2	56	4	7.1	27	48.2	24	42.9	1
65 years and over.	41	15	36.6	18	43.9	7	17.1	1	30	3	10.0	4	13.3	23	76.7	—
Indian—15 years and over.	1,534	690	45.0	699	45.6	118	7.7	25	1,504	452	30.1	763	50.7	266	17.7	18
Chinese—15 years and over.	2,384	1,105	46.4	1,216	51.0	52	2.2	1	264	64	24.2	173	65.5	27	10.2	—
Japanese—15 years and over.	2,309	933	40.4	1,320	57.2	44	1.9	6	849	39	4.6	794	93.5	14	1.6	—
All other—15 years and over.	231	172	74.5	50	21.6	7	3.0	2	11	3	27.3	8	72.7	—	—	—

TABLE 15.—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.....	783,389	769,146	14,243	100.0	100.0	100.0	100.0	100.0	100.0		
Native.....	675,745	666,995	8,750	86.3	83.2	86.7	84.3	61.4	42.7	100.0	100.0
Born in—											
Oregon.....	295,723	290,378	5,345	37.7	33.5	37.8	33.6	37.5	28.5	43.5	39.9
Iowa.....	30,609	30,576	33	3.9	4.2	4.0	4.3	0.2	0.2	4.6	5.1
Washington.....	29,702	29,302	340	3.8	2.6	3.8	2.6	0.2	0.2	4.4	3.1
Illinois.....	29,462	29,393	69	3.8	4.2	3.8	4.3	0.5	0.3	4.4	5.1
Missouri.....	26,032	26,737	195	3.4	3.8	3.5	3.9	1.4	0.9	4.0	4.6
Wisconsin.....	21,952	21,933	19	2.8	2.8	2.9	2.9	0.1	0.1	3.3	3.4
Minnesota.....	20,961	20,948	13	2.7	2.5	2.7	2.5	0.1	0.1	3.1	3.0
California.....	20,709	20,202	507	2.6	2.7	2.6	2.7	3.0	3.2	3.0	3.2
Kansas.....	19,291	19,177	114	2.5	2.4	2.5	2.4	0.8	0.2	2.9	2.9
Ohio.....	16,970	16,911	59	2.2	3.0	2.2	3.0	0.4	0.3	2.5	3.6
Michigan.....	16,698	16,678	20	2.1	2.3	2.2	2.3	0.1	0.1	2.3	2.7
Nebraska.....	15,303	15,286	17	2.0	1.9	2.0	1.9	0.1	0.1	2.3	2.3
Indiana.....	14,347	14,321	26	1.8	2.2	1.9	2.3	0.2	0.1	2.1	2.7
New York.....	13,204	13,174	30	1.7	2.4	1.7	2.5	0.2	0.2	2.0	2.9
Pennsylvania.....	12,526	12,499	27	1.6	2.0	1.6	2.0	0.2	0.2	1.9	2.4
Idaho.....	9,513	9,408	105	1.2	0.7	1.2	0.7	0.3	0.3	1.4	0.8
Colorado.....	6,714	6,669	45	0.9	0.7	0.9	0.7	0.3	0.1	1.0	0.9
Tennessee.....	5,580	5,463	117	0.7	0.8	0.7	0.8	0.3	0.4	0.8	0.9
Kentucky.....	5,406	5,332	74	0.7	0.8	0.7	0.8	0.5	0.4	0.8	1.0
South Dakota.....	5,262	5,250	12	0.7	0.6	0.7	0.6	0.1	(²)	0.8	0.7
Other states.....	53,151	52,007	1,054	6.8	6.7	6.8	6.8	7.4	3.3	7.8	8.0
Other native.....	5,730	5,201	529	0.7	0.7	0.7	0.7	3.7	1.3	0.8	0.9
Foreign born.....	107,644	102,151	5,493	13.7	16.8	13.3	15.7	38.6	57.3		

¹ Comprises persons of Negro descent, Indians, Chinese, Japanese, and all other; see Table 1.² Less than one-tenth of 1 per cent.³ 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 16.—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. Per cent not shown where base is less than 100.]

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.	Citi- zen- ship not reported.	Total.	Naturalized.	
	Number.	Per cent distrib- ution.				Number.	Per cent.					Number.	Per cent.
Total.....	107,644	100.0	66,798	40,846	102,151	57,627	56.4	12,159	27,823	4,542	94,807	55,480	58.6
Canada.....	13,800	12.8	7,481	6,319	13,774	8,269	60.0	919	3,704	882	11,641	7,751	66.6
Germany.....	13,740	12.8	8,080	5,660	13,740	10,195	74.2	1,270	1,634	641	13,408	10,058	75.0
Sweden.....	10,532	9.8	6,626	3,906	10,532	6,458	61.3	1,395	2,326	353	10,188	6,333	62.2
England.....	7,953	7.4	4,599	3,354	7,953	4,943	62.2	851	1,712	447	7,454	4,758	63.8
Russia.....	6,979	6.5	3,917	3,062	6,979	2,886	41.4	928	1,712	447	5,848	2,577	44.1
Norway.....	6,955	6.5	4,224	2,731	6,955	4,306	61.9	862	1,402	285	6,879	4,188	62.7
Finland.....	6,050	5.6	3,621	2,429	6,050	2,498	41.3	868	2,278	300	5,758	2,417	42.0
Italy.....	4,324	4.0	2,928	1,396	4,324	1,214	28.1	727	2,276	107	3,865	1,136	29.4
Ireland.....	4,203	3.9	2,612	1,591	4,203	2,856	68.0	492	632	238	4,126	2,823	68.4
Switzerland.....	4,166	3.9	2,562	1,604	4,166	2,491	59.8	481	1,020	174	3,938	2,430	61.7
Scotland.....	3,609	3.4	2,146	1,463	3,609	2,190	60.7	429	837	153	3,347	2,076	62.0
Denmark.....	3,602	3.3	2,279	1,323	3,602	2,558	71.0	391	528	126	3,458	2,515	72.1
Japan.....	3,169	2.9	2,321	848	3,169	1			3		4	1	
Austria.....	2,798	2.6	1,851	947	2,798	1,162	41.5	443	1,067	126	2,616	1,104	42.2
China.....	2,151	2.0	2,021	130	2,151	1		1	15		7	3	
Greece.....	1,928	1.8	1,798	130	1,928	319	16.5	343	1,195	71	1,869	314	16.8
All other countries.....	11,685	10.9	7,734	3,951	11,615	5,278	45.8	1,589	4,198	450	10,571	4,966	47.3

TABLE 17.—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.....	107,644	2,914	1,851	12,731	16,736	12,605	52,641	8,166	2.7	1.7	11.8	15.5	11.7	48.9	7.6
Male.....	66,798	1,588	1,084	7,958	11,117	8,284	32,809	3,998	2.3	1.6	11.9	16.6	12.4	49.1	6.0
Female.....	40,846	1,346	767	4,773	5,619	4,341	19,832	4,168	3.3	1.9	11.7	13.8	10.6	48.6	10.2

TABLE 18.—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.....	100,672	3,342	3.3	94,807	3,209	3.4
Male.....	61,575	1,769	2.9	58,580	1,689	2.9
Female.....	39,097	1,573	4.0	36,227	1,520	4.2

COMPOSITION AND CHARACTERISTICS.

37

TABLE 19.—SCHOOL ATTENDANCE, BY AGE PERIODS, FOR THE STATE: 1920.

[See also Table 2. Per cent not shown where base is less than 100.]

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.....	157,552	99,562	94,312	94.7	25,623	23,224	90.6	25,017	14,931	59.7	37,502	9,146	24.4	10,776	5,161
Male.....	79,291	50,307	47,037	94.7	12,936	11,596	89.6	12,537	6,898	55.0	18,435	4,491	24.4	5,431	3,238
Female.....	78,261	49,255	40,675	94.8	12,687	11,628	91.7	12,480	8,033	64.4	19,067	4,655	24.4	5,347	1,923
Native white:															
Native parentage.....	113,446	72,248	68,455	94.8	18,151	16,622	91.6	17,232	10,005	61.5	25,266	6,426	25.4	7,968	3,370
Male.....	56,921	36,443	34,503	94.7	9,215	8,345	90.6	8,000	4,837	60.2	12,327	3,125	25.4	4,017	2,094
Female.....	56,525	35,805	33,952	94.8	9,936	8,277	92.6	8,032	5,768	66.8	12,939	3,301	25.5	3,951	1,276
Foreign parentage.....	19,524	12,546	12,015	95.8	3,055	2,706	88.6	3,233	1,674	51.8	5,077	1,050	20.7	1,416	663
Male.....	9,311	6,314	6,041	95.7	1,513	1,328	87.8	1,616	773	47.8	2,502	533	21.3	715	421
Female.....	9,713	6,232	5,974	95.9	1,542	1,378	89.4	1,617	901	55.7	2,575	517	20.1	701	242
Mixed parentage.....	18,036	11,105	10,591	95.4	2,997	2,711	90.5	2,963	1,833	61.9	4,298	1,089	25.3	1,159	663
Male.....	9,073	5,717	5,441	95.2	1,431	1,324	89.4	1,476	860	58.3	2,061	507	24.6	575	356
Female.....	8,963	5,388	5,150	95.6	1,516	1,387	91.5	1,487	973	65.4	2,237	582	26.0	584	287
Foreign-born white.....	4,147	2,389	2,148	89.9	980	788	80.4	1,139	494	43.4	2,119	256	12.1	121	340
Male.....	2,158	1,182	1,078	91.2	494	391	79.1	579	251	43.4	1,107	126	11.4	65	247
Female.....	1,989	1,207	1,070	88.6	486	397	81.7	560	243	43.4	1,012	130	12.8	56	93
Negro.....	280	187	175	93.6	42	41	.....	40	21	.....	33	17	.....	21	5
Male.....	145	97	90	.....	22	21	.....	24	11	.....	40	9	.....	11	3
Female.....	135	90	85	.....	20	20	.....	16	10	.....	43	8	.....	10	2

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

[See also Table 2. Per cent not shown where base is less than 100.]

YEAR OF AGE.	NUMBER AND PER CENT OF TOTAL AT SPECIFIED AGE ATTENDING SCHOOL: 1920													
	All classes.						Native white.						Foreign-born white.	
	Both sexes.		Male.		Female.		Native parentage.		Foreign parentage.		Mixed parentage.		Num-ber.	Per cent.
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.	Num-ber.	Per cent.		
5 years.....	1,102	7.5	553	7.4	549	7.6	794	7.3	144	7.6	128	8.3	12	8.1
6 years.....	9,560	65.0	4,818	64.1	4,742	65.9	7,089	65.3	1,261	67.2	1,017	64.9	107	60.5
7 years.....	13,212	88.7	6,659	88.4	6,553	89.0	9,701	88.6	1,780	81.2	1,417	89.7	177	82.3
8 years.....	13,473	92.6	6,779	92.5	6,694	92.7	9,804	92.5	1,771	93.9	1,504	93.8	201	85.5
9 years.....	13,372	93.9	6,797	93.8	6,575	94.1	9,686	94.0	1,692	94.5	1,568	95.0	271	86.9
10 years.....	13,910	97.0	7,055	97.0	6,855	97.0	10,130	97.1	1,755	98.0	1,506	97.6	359	93.0
11 years.....	13,678	97.2	6,867	97.6	6,711	96.9	9,887	97.3	1,810	97.9	1,505	97.2	333	92.2
12 years.....	13,678	97.3	6,891	97.4	6,687	97.2	9,752	97.3	1,671	97.9	1,552	98.0	415	93.0
13 years.....	13,089	96.8	6,489	96.7	6,600	96.9	9,435	97.1	1,536	97.6	1,539	96.4	392	90.3
14 years.....	12,385	94.3	6,326	93.9	6,059	94.6	8,331	94.9	1,404	93.3	1,444	94.5	441	85.3
15 years.....	10,839	86.8	5,270	85.0	5,569	88.6	7,781	88.1	1,242	83.6	1,267	86.2	347	74.9
16 years.....	8,628	68.7	4,026	64.5	4,602	72.8	6,128	70.4	998	61.8	1,060	70.5	299	52.1
17 years.....	6,303	50.6	2,572	45.6	3,431	55.7	4,477	52.5	676	41.8	773	52.9	226	36.1
18 years.....	4,244	33.3	1,945	31.6	2,296	35.0	2,984	34.5	475	28.1	525	35.5	114	17.1
19 years.....	2,960	23.6	1,451	23.6	1,479	23.6	2,084	24.5	330	19.8	344	24.0	90	12.8
20 years.....	1,942	15.9	1,062	17.7	880	14.1	1,353	16.7	245	14.3	220	15.9	52	6.9

TABLE 21.—ILLITERACY OF THE POPULATION 10 YEARS OF AGE AND OVER, BY AGE PERIODS, FOR THE STATE: 1920.

[See also Table 4. Per cent not shown where base is less than 100.]

SEX AND AGE PERIOD.	ALL CLASSES: 1920			NATIVE WHITE.									FOREIGN-BORN WHITE.			NEGRO.		
				Native percentage.			Foreign parentage.			Mixed parentage.								
	Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.		Total number.	Illiterate.				
		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.		Num-ber.	Per cent.	Num-ber.	Per cent.	Num-ber.	Per cent.
10 years and over.....	636,987	9,317	1.5	389,438	1,529	0.4	78,801	294	0.4	58,280	167	0.3	100,672	5,172	5.1	1,893	88	4.7
Male.....	343,059	5,589	1.6	203,787	819	0.5	40,509	173	0.4	29,247	88	0.3	61,575	3,056	5.0	1,080	50	4.6
Female.....	295,928	3,728	1.3	185,651	610	0.3	38,292	121	0.3	29,033	79	0.3	39,097	2,116	5.4	813	39	4.8
21 years and over.....	494,968	8,905	1.8	288,455	1,803	0.5	60,517	261	0.4	41,751	139	0.3	94,807	5,097	5.4	1,620	89	5.5
Male.....	270,953	5,357	2.0	153,332	795	0.5	31,413	150	0.5	20,977	79	0.4	58,580	3,005	5.1	937	50	5.3
Female.....	224,015	3,548	1.6	135,123	508	0.4	29,104	111	0.4	20,774	60	0.3	36,227	2,092	5.8	683	39	5.7
Both sexes:																		
10 to 14 years.....	69,014	154	0.2	49,637	98	0.2	8,488	16	0.2	7,799	14	0.2	2,144	11	0.5	129	.....	.....
15 to 24 years.....	125,924	639	0.5	84,201	217	0.3	17,361	37	0.2	14,410	25	0.2	7,587	252	3.3	268	.....	.....
25 to 34 years.....	132,767	1,085	1.3	79,182	203	0.3	19,028	56	0.3	13,277	24	0.2	18,997	1,140	6.0	411	7	1.7
35 to 44 years.....	118,904	1,993	1.7	67,674	202	0.3	14,379	41	0.3	10,477	22	0.2	23,955	1,391	5.8	531	29	5.5
45 to 54 years.....	88,391	1,689	1.9	49,424	225	0.5	10,421	54	0.5	6,745	30	0.4	20,165	977	4.8	343	24	7.0
55 to 64 years.....	60,550	1,496	2.5	33,679	245	0.7	6,327	45	0.7	3,540	23	0.6	15,704	667	4.2	133	13	9.8
65 years and over.....	42,583	1,610	3.8	25,052	325	1.3	2,731	45	1.6	1,979	28	1.4	11,993	719	6.0	71	16	.....
Male:																		
10 to 14 years.....	34,933	69	0.2	25,116	46	0.2	4,251	10	0.2	4,026	3	0.1	1,068	5	0.5	69	.....	.....
15 to 24 years.....	62,620	378	0.6	41,644	129	0.3	8,436	22	0.3	6,997	11	0.2	4,179	183	4.4	146	.....	.....
25 to 34 years.....	69,097	1,007	1.5	40,139	120	0.3	9,354	34	0.4	6,353	11	0.2	11,863	718	6.1	205	3	1.5
35 to 44 years.....	66,059	1,254	1.9	36,313	129	0.4	7,599	20	0.3	5,283	13	0.2	15,085	870	5.8	318	21	6.6
45 to 54 years.....	50,177	1,090	2.2	27,370	151	0.6	5,714	35	0.6	3,523	20	0.6	12,296	593	4.8	219	16	7.3
55 to 64 years.....	35,306	925	2.6	18,986	158	0.8	3,542	27	0.8	1,946	13	0.7	9,761	345	3.5	77	3	.....
65 years and over.....	24,304	836	3.4	13,833	174	1.3	1,574	25	1.6	1,096	16	1.5	7,228	330	4.6	41	7	.....
Female:																		
10 to 14 years.....	34,081	85	0.2	24,521	52	0.2	4,237	6	0.1	3,773	11	0.3	1,076	6	0.6	80	.....	.....
15 to 24 years.....	63,304	261	0.4	42,557	88	0.2	8,925	15	0.2	7,419	14	0.2	3,408	69	2.0	122	.....	.....
25 to 34 years.....	63,670	978	1.1	39,043	83	0.2	9,674	22	0.2	6,924	13	0.2	7,134	422	5.9	206	4	1.9
35 to 44 years.....	52,845	744	1.4	31,361	73	0.2	6,780	21	0.3	5,194	9	0.2	8,870	521	5.9	213	8	3.8
45 to 54 years.....	35,214	599	1.6	22,054	74	0.3	4,707	19	0.4	3,222	10	0.3	7,869	384	4.9	124	8	6.5
55 to 64 years.....	25,244	571	2.3	14,693	87	0.6	2,735	18	0.6	1,600	10	0.6	5,943	322	5.4	56	10	.....
65 years and over.....	18,279	780	4.3	11,219	151	1.3	1,157	20	1.7	883	12	1.4	4,765	389	8.2	30	9	.....

POPULATION—OREGON.

TABLE 22.—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.....	271,420	102,151	169,269	95,827	49,643	23,799	Total.....	271,420	102,151	169,269	95,827	49,643	23,799
Northwestern Europe:							English and Celtic.....	90,501	20,312	61,189	22,832	25,088	13,269
England.....	25,525	9,346	16,179	4,949	7,643	3,587	Germanic:						
Scotland.....	10,965	5,150	5,815	2,083	2,645	1,087	German.....	74,531	24,790	49,741	30,658	13,596	5,487
Wales.....	2,024	665	1,359	556	481	322	Dutch and Frisian.....	2,711	1,012	1,699	932	550	217
Ireland.....	18,355	5,774	12,581	6,202	4,441	1,938	Flemish.....	1,161	557	604	345	217	42
Norway.....	16,120	6,866	9,254	6,040	2,011	1,203	Scandinavian:						
Sweden.....	22,004	10,713	11,291	7,593	2,493	1,215	Swedish.....	23,600	11,475	12,124	8,354	2,530	1,250
Denmark.....	8,703	3,698	5,005	2,839	1,511	655	Norwegian.....	16,119	6,940	9,179	6,001	1,982	1,196
Netherlands.....	2,568	981	1,587	866	515	206	Danish.....	8,665	3,632	5,033	2,859	1,511	663
Belgium.....	1,531	726	805	455	271	79	Latin and Greek:						
Luxemburg.....	395	147	248	133	93	22	Italian.....	7,689	4,419	3,270	2,789	422	59
Switzerland.....	9,921	4,169	5,752	3,386	1,687	679	French.....	6,481	2,226	4,255	1,651	1,836	768
France.....	3,216	1,173	2,043	683	953	407	Spanish.....	1,715	1,236	479	287	86	106
Central and Eastern Europe:							Portuguese.....	416	164	252	135	103	14
Germany.....	51,224	15,347	35,877	20,436	11,128	4,313	Rumanian.....	253	178	75	50	10	15
Austria.....	9,904	5,228	4,676	3,220	968	488	Greek.....	2,069	1,847	222	148	73	1
Hungary.....	2,260	1,306	954	749	146	59	Slavic and Lettic:						
Russia.....	14,745	7,874	6,871	5,524	873	474	Polish.....	2,190	1,024	1,166	816	265	85
Finland.....	11,398	6,124	5,274	4,553	499	222	Czech.....	2,897	1,174	1,723	1,220	305	198
Rumania.....	372	243	129	80	34	15	Slovak.....	598	431	167	138	24	5
Bulgaria, Serbia, and Montenegro.....	480	422	58	26	28	4	Russian.....	3,676	2,121	1,555	1,229	210	116
Turkey in Europe.....	244	210	34	26	8	-----	Ruthenian.....	71	51	20	15	1	4
Southern Europe:							Slovenian.....	975	617	358	302	42	14
Greece.....	2,011	1,789	222	148	73	1	Serbo-Croatian.....	1,223	899	324	270	44	1
Italy.....	7,550	4,381	3,169	2,704	407	58	Bulgarian.....	302	278	24	9	13	2
Spain.....	888	577	311	234	43	34	Slavic, not specified.....	-----	-----	-----	-----	-----	-----
Portugal.....	335	124	211	116	82	13	Lithuanian and Lettish.....	407	313	170	142	33	4
Europe, not specified.....	53	19	34	26	6	2	Unclassified:						
Asia:							Yiddish and Hebrew.....	2,700	1,665	1,135	968	124	43
Turkey in Asia.....	505	291	214	183	24	7	Magyar.....	588	304	284	198	58	28
All other countries.....	141	33	108	21	70	17	Finnish.....	9,738	5,190	4,548	3,915	445	188
America:							Armenian.....	95	66	29	20	9	-----
Canada—French.....	1,977	603	1,374	488	634	252	Syrian and Arabic.....	375	191	184	168	12	4
Canada—Other.....	27,359	7,310	20,049	4,538	9,434	6,077	Turkish.....	32	25	7	-----	7	-----
Newfoundland.....	112	62	50	8	21	21	Albanian.....	15	15	-----	-----	-----	-----
West Indies ¹	109	44	65	5	46	14	All other.....	9	6	3	1	2	-----
Mexico.....	655	531	124	26	36	62	Unknown.....	222	88	134	69	45	20
Central and South America.....	109	47	62	12	19	31	Of mixed mother tongue.....	9,297	-----	9,297	9,297	-----	-----
All other.....	813	178	635	70	330	235							
Of mixed foreign parentage.....	16,849	-----	16,849	-----	-----	-----							

¹ Except possessions of the United States.² Probably includes a considerable proportion of Hebrews erroneously reported as of Russian mother tongue.

TABLE 23.—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.....	202,890	89,588	108,772	66,491	40,054	2,227	4,530	COUNTIES—CON.							
COUNTIES.								Lincoln.....	1,689	558	1,024	579	284	161	107
Baker.....	4,687	1,962	2,550	1,909	880	61	175	Linn.....	6,522	2,384	4,018	2,717	1,251	50	120
Benton.....	3,553	1,510	1,907	1,129	717	121	76	Malheur.....	2,772	1,161	1,487	842	601	44	124
Clackamas.....	9,813	2,992	6,636	4,291	2,253	92	185	Marion.....	11,255	4,093	6,923	4,589	2,258	76	239
Clatsop.....	5,652	2,972	2,551	1,864	656	31	129	Morrow.....	1,383	430	878	441	421	16	66
Columbia.....	3,482	1,842	2,048	1,398	635	20	92	Multnomah.....	71,591	38,398	32,779	17,729	14,826	224	414
Coos.....	5,744	2,748	2,752	1,878	735	144	244	Polk.....	3,746	1,399	2,220	1,433	764	23	127
Crook.....	943	273	681	392	257	12	39	Sherman.....	948	447	440	258	189	13	61
Curry.....	818	303	428	252	103	73	22	Tillamook.....	2,262	1,015	1,185	657	497	31	62
Deschutes.....	2,676	1,053	1,444	722	694	28	79	Umatilla.....	6,489	2,804	3,499	2,220	1,135	144	186
Douglas.....	5,653	2,308	3,168	2,161	936	66	162	Union.....	4,229	1,732	2,422	1,438	969	15	75
Gilliam.....	1,017	412	529	298	179	52	76	Wallowa.....	2,390	825	1,405	783	626	16	180
Grant.....	1,447	466	917	565	280	72	64	Wasco.....	3,505	1,457	1,944	1,243	675	26	104
Harney.....	1,130	359	715	445	267	3	56	Washington.....	6,751	2,106	4,509	2,856	1,576	77	136
Hood River.....	2,052	869	1,113	480	551	52	70	Wheeler.....	650	146	463	221	232	10	41
Jackson.....	6,769	2,412	3,203	2,199	848	156	154	Yamhill.....	5,536	1,781	3,528	2,382	1,034	112	227
Jefferson.....	880	232	611	323	265	23	37	CITIES.							
Josephine.....	2,242	870	1,299	956	331	12	73	Astoria.....	3,394	1,939	1,405	1,086	313	6	50
Klamath.....	2,923	1,252	1,420	906	498	25	242	Eugene.....	2,991	1,668	1,381	1,024	347	10	42
Lake.....	1,165	351	758	495	252	11	46	Portland.....	67,045	36,911	29,752	16,998	13,552	202	382
Lane.....	9,636	4,092	5,804	3,800	1,369	135	240	Salem.....	4,157	1,901	2,170	1,494	683	23	86

COMPOSITION AND CHARACTERISTICS.

39

TABLE 24.—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, 633,987; males, 343,059; females, 295,928. Persons gainfully occupied—Total, 322,283; males, 267,791; females, 54,492. Per cent of persons 10 years of age and over gainfully occupied—Total, 50.4; males, 78.1; females, 18.4.]

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.	267,791	153,619	53,574	54,160	1,037	5,401	7,448	8,629	27,020	131,312	80,486	12,896
Agriculture, forestry, and animal husbandry.	89,692	54,545	16,528	16,940	121	1,558	2,592	3,078	8,992	39,643	28,938	6,453
Dairy farm laborers.	1,074	492	303	278	—	1	151	111	233	438	112	20
Dairy farmers.	3,002	1,511	673	906	2	10	—	14	133	1,461	1,192	202
Farm foremen, general farms.	825	547	156	115	2	5	—	8	60	476	237	44
Farm laborers (home farm).	3,912	2,591	1,121	153	5	42	888	597	1,187	1,088	111	41
Farm laborers (working out).	15,741	10,633	2,870	1,674	25	539	862	1,336	3,242	6,288	3,232	781
Farmers, general farms.	38,666	23,719	7,359	7,039	51	398	—	132	1,506	16,929	16,267	8,732
Fishermen and oystermen.	1,892	464	268	1,106	1	53	28	35	112	1,089	535	93
Foresters, forest rangers, and timber cruisers.	349	237	68	44	—	—	—	5	10	195	122	17
Fruit growers.	2,703	1,741	463	501	2	56	—	5	83	975	1,326	374
Garden laborers.	601	213	48	247	2	91	25	15	38	179	221	123
Gardeners.	1,382	696	177	361	2	146	—	5	30	487	587	273
Lumbermen, raftsmen, and woodchoppers:												
Foremen and overseers.	355	207	81	66	—	1	—	5	18	240	88	4
Other lumbermen, raftsmen, and woodchoppers.	10,082	5,570	1,652	2,713	11	88	357	514	1,438	5,377	2,116	230
Orchard and nursery laborers.	1,056	714	203	105	3	31	124	80	170	424	215	43
Owners and managers of log and timber camps.	347	225	68	53	1	—	—	2	9	204	125	7
Poultry raisers.	390	247	66	75	1	1	—	10	156	157	67	—
Stock herders, drovers, and feeders.	2,680	1,689	309	622	4	59	142	170	508	1,289	488	85
Stock raisers.	3,556	2,374	542	605	6	29	—	15	132	1,771	1,409	229
All other occupations.	1,169	676	201	277	3	13	15	27	73	577	398	79
Extraction of minerals.	2,197	1,209	411	560	3	14	10	34	140	903	887	223
Gold and silver mine operatives.	1,173	723	208	231	2	9	5	20	50	439	505	154
All other occupations.	1,024	486	203	329	1	5	5	14	90	464	382	69
Manufacturing and mechanical industries.	81,215	43,483	16,724	19,372	230	1,406	2,094	3,005	8,694	41,119	23,919	2,294
Apprentices.	630	362	216	48	—	4	411	125	66	25	3	—
Bakers.	662	226	125	801	1	9	11	25	95	384	139	8
Blacksmiths.	1,767	859	345	540	6	7	—	13	73	857	701	113
Boiler makers.	836	376	223	229	6	2	—	21	116	590	135	4
Brick and stone masons.	475	215	111	146	3	—	—	3	10	223	165	49
Builders and building contractors.	1,139	628	232	278	3	—	—	1	15	491	548	81
Cabinetmakers.	416	133	67	214	2	—	—	4	21	266	157	28
Carpenters.	9,035	5,367	1,705	2,543	10	10	22	99	389	4,353	4,007	765
Compositors, linotypers, and typesetters.	946	550	256	337	2	1	17	22	106	606	255	30
Cranemen, derrickmen, holstmen, etc.	349	181	79	89	—	—	2	7	33	227	77	3
Electricians.	1,722	1,128	426	165	1	2	—	75	237	1,207	193	10
Engineers (stationary).	3,487	2,235	789	451	7	5	24	66	320	2,031	982	84
Filers (metal).	429	225	118	85	—	1	—	5	24	228	161	10
Firemen (except locomotive and fire department).	981	588	189	193	6	5	27	50	138	445	292	29
Foremen and overseers (manufacturing).	1,563	910	400	320	2	31	—	10	85	965	468	35
Iron molders, founders, and casters.	320	107	57	124	2	—	—	3	32	198	82	5
Jewelers and watchmakers (not in factory).	280	144	76	58	—	2	—	2	21	153	97	7
Laborers (not otherwise specified):												
Building, general, and not specified laborers.	7,179	3,856	1,068	2,090	53	112	208	292	763	3,040	2,860	16
Food industries—												
Fish curing and packing.	412	9	8	28	—	367	1	2	14	127	223	45
Other food industries.	1,138	690	197	211	9	31	62	57	158	495	363	3
Helpers in building and hand trades.	415	227	94	92	2	—	32	39	62	178	114	—
Iron and steel industries—												
Ship and boat building.	1,481	692	328	447	11	3	59	90	237	684	411	—
Other iron and steel industries.	791	337	140	300	10	4	38	51	94	380	225	3
Lumber and furniture industries—												
Saw and planing mills.	8,687	4,541	1,284	2,374	6	482	433	558	1,333	4,214	2,149	—
Other lumber and furniture industries.	389	190	99	99	1	—	34	23	48	143	131	10
Paper and pulp mills.	902	546	194	247	—	5	54	82	155	393	307	1
Other industries.	2,064	1,012	316	485	11	240	143	136	281	746	704	54
Machinists.	4,491	2,470	1,189	813	18	30	—	172	692	2,727	856	44
Managers and superintendents (manufacturing).	1,671	984	417	270	—	—	—	4	50	1,007	571	30
Manufacturers.	1,478	734	359	384	—	1	—	4	38	737	623	76
Mechanics (not otherwise specified).	3,283	2,217	759	290	10	7	—	181	733	1,979	361	29
Millers (grain, flour, feed, etc.).	280	165	63	62	—	—	—	12	125	130	23	—
Millwrights.	821	467	159	194	—	1	—	4	25	388	303	41
Painters, glaziers, and varnishers (building).	1,878	1,047	375	452	2	2	6	18	84	937	704	130
Plasterers and cement finishers.	351	192	56	97	6	—	—	4	8	187	132	20
Plumbers and gas and steam fitters.	1,721	867	543	306	2	3	—	43	134	1,129	398	17
Sawyers.	1,217	752	249	212	—	4	—	49	131	703	313	21
Semiskilled operatives (not otherwise specified):												
Food industries.	1,222	668	267	285	5	7	71	57	169	652	248	25
Iron and steel industries—												
Car and railroad shops.	548	262	110	173	1	2	8	32	61	304	137	6
Ship and boat building.	2,030	1,026	630	471	2	1	73	178	388	1,083	292	16
Other iron and steel industries.	973	500	247	219	4	3	37	51	138	535	190	22
Lumber and furniture industries—												
Saw and planing mills.	2,603	1,522	516	554	1	10	109	126	351	1,433	545	34
Other lumber and furniture industries.	487	228	112	146	1	—	38	23	51	209	135	31
Paper and pulp mills.	440	296	77	65	—	2	20	47	70	201	90	12
Textile industries.	415	212	103	97	1	2	26	33	60	173	103	20
Other industries.	1,803	931	473	446	8	5	86	93	192	940	476	78
Shoemakers and cobblers (not in factory).	650	220	72	350	1	7	6	8	35	235	270	96
Tailors.	756	140	87	524	11	14	—	6	23	420	270	32
Tinsmiths and sheet metal workers.	384	162	132	90	—	—	—	10	49	209	94	22
All other occupations.	2,468	1,109	677	578	5	9	36	91	267	1,337	659	78

Includes 397 males of unknown age.

Includes box factories (wood).

TABLE 24.—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.										
MALES—Continued.													
Transportation.....	26,826	15,380	4,838	5,739	114	755	529	896	3,115	14,827	6,761	698	
Brakemen.....	950	692	185	72	1	.....	.....	7	109	739	90	5
Captains, masters, mates, and pilots.....	403	196	81	126	.....	.....	.....	3	13	227	139	21
Chauffeurs.....	1,321	889	265	151	9	7	35	93	267	707	206	13	
Conductors (steam railroad).....	539	370	137	82	.....	.....	.....	1	10	329	191	8
Conductors (street railroad).....	691	487	116	88	.....	.....	2	15	94	478	99	3
Draymen, teamsters, and expressmen ¹	4,296	2,957	861	460	8	10	98	198	667	2,254	987	92	
Express messengers and railway mail clerks.....	297	212	70	14	1	.....	.....	6	20	200	66	5
Foremen and overseers (steam railroad).....	651	369	123	191	2	26	.....	2	18	358	248	15
Foremen and overseers (other transportation industries) ²	383	223	88	71	1	.....	.....	6	16	223	130	8
Garage keepers and managers.....	527	358	118	50	.....	1	.....	7	38	375	102	5
Inspectors (steam railroad).....	319	173	82	64	.....	.....	1	3	17	201	92	5
Laborers:													
Road and street building and repairing.....	2,154	983	275	863	21	12	57	80	221	1,075	632	89	
Steam railroad.....	4,780	1,734	501	1,337	46	662	125	204	630	2,182	1,402	177	
Other transportation industries.....	873	473	176	220	.....	4	36	45	116	412	229	35
Locomotive engineers.....	1,011	669	242	100	.....	.....	.....	.....	21	693	282	15
Locomotive firemen.....	758	557	153	44	3	1	.....	37	231	455	34	1
Longshoremen and stevedores.....	928	293	102	468	4	1	2	9	47	570	272	28	
Mail carriers.....	776	566	161	53	3	.....	12	15	58	433	226	32
Motor men (street railroad).....	702	443	125	134	.....	.....	.....	1	27	503	167	4
Officials and superintendents (steam railroad).....	280	176	66	38	.....	.....	.....	.....	5	153	115	7
Proprietors and managers of transfer companies.....	291	175	75	88	2	1	.....	.....	19	183	85	4
Sailors and deck hands.....	652	277	117	250	4	4	43	58	127	300	101	23	
Switchmen and flagmen (steam railroad).....	559	373	117	69	.....	.....	.....	12	35	345	143	24
Telegraph operators.....	516	355	122	39	.....	.....	9	19	92	291	99	6
All other occupations.....	2,169	1,440	430	267	9	23	109	75	217	1,131	564	73	
Trade.....	30,477	17,579	7,195	5,288	41	394	1,224	616	2,550	15,701	9,133	1,253	
Bankers and bank officials.....	725	496	164	64	.....	1	.....	.....	33	398	266	28
Brokers and money lenders.....	657	367	174	115	.....	1	.....	.....	17	339	260	41
Clerks in stores ³	1,761	1,044	442	233	1	41	167	128	351	797	289	29	
Commercial travelers.....	1,335	788	372	175	.....	.....	.....	5	70	827	396	27
Deliverymen.....	1,285	896	295	149	5	.....	111	91	237	662	173	11
Insurance agents.....	824	512	202	109	1	.....	.....	2	40	446	284	52
Laborers (coal yards, elevators, stockyards, and ware- houses).....	447	257	82	101	4	3	15	20	48	241	107	16	
Laborers (lumberyards).....	480	241	64	167	.....	4	13	16	50	245	133	23
Laborers, porters, and helpers in stores.....	774	407	156	180	9	22	62	35	118	328	202	29	
Meat cutters.....	374	189	108	77	.....	.....	8	5	34	229	93	5
Newsboys.....	667	448	160	51	6	2	618	15	8	14	9	3	
Proprietors, officials, and managers (not otherwise spec- ified) ⁴	300	175	77	45	.....	3	.....	.....	8	191	90	11
Real estate agents and officials.....	1,598	1,028	316	253	.....	1	.....	.....	17	544	813	219
Retail dealers ⁵	10,379	5,457	2,361	2,326	9	226	11	27	455	5,314	4,005	567	
Sales agents.....	362	240	77	44	.....	1	.....	2	39	219	88	14
Salesmen (stores).....	6,949	4,208	1,765	889	6	81	199	243	941	4,069	1,871	126	
Wholesale dealers, importers, and exporters.....	605	294	177	130	.....	4	.....	1	14	341	232	17
All other occupations.....	955	588	203	180	.....	4	20	26	70	487	317	35
Public service (not elsewhere classified).....	4,362	2,645	915	781	6	15	32	76	345	1,904	1,623	382	
Firemen (fire department).....	486	295	153	38	.....	.....	.....	15	43	351	73	4
Guards, watchmen, and doorkeepers.....	900	515	140	239	1	5	2	4	33	177	503	181	
Laborers (public service).....	469	177	72	214	3	3	6	8	39	216	169	31	
Marshals, sheriffs, detectives, etc.....	288	197	69	21	1	.....	.....	2	6	132	108	40
Officials and inspectors (city and county).....	533	359	114	60	.....	.....	.....	.....	13	214	262	44
Policemen.....	454	301	106	43	1	3	.....	.....	17	280	139	18
Postmasters.....	257	191	43	23	.....	.....	.....	.....	9	95	121	32
Soldiers, sailors, and marines ⁶	400	264	95	40	.....	1	21	41	145	167	25	1
United States officials (except postmasters).....	293	192	71	29	.....	1	.....	.....	12	165	106	10
All other occupations.....	282	154	52	74	.....	2	3	6	28	107	117	21
Professional service.....	11,201	7,291	2,350	1,477	30	53	55	102	767	6,236	3,443	598	
Actors and showmen.....	258	165	66	24	3	.....	10	16	44	182	21	5
Civil engineers and surveyors.....	1,173	803	258	111	1	.....	.....	.....	130	784	224	35
Clergymen.....	1,086	570	194	312	5	5	.....	.....	17	435	517	117
College presidents and professors ⁷	308	202	69	36	1	.....	.....	.....	19	198	85	6
Dentists.....	731	498	169	56	.....	8	.....	.....	35	506	176	14
Designers, draftsmen, and inventors.....	248	138	65	45	.....	.....	.....	14	47	155	27	5
Editors and reporters.....	320	226	62	28	1	3	2	5	29	167	104	13	
Electrical engineers.....	282	187	76	19	.....	.....	.....	.....	22	214	44	2
Lawyers, judges, and justices.....	1,398	987	310	95	3	3	.....	.....	19	699	584	96
Mechanical engineers.....	448	254	121	73	.....	.....	.....	.....	27	294	113	14
Musicians and teachers of music.....	511	293	106	100	9	3	11	16	79	280	125	20	
Photographers.....	292	188	47	49	1	7	2	3	18	166	104	9	
Physicians and surgeons.....	1,129	772	205	147	1	4	.....	.....	12	573	439	105
Teachers (school).....	1,091	893	184	66	2	6	1	9	123	643	275	40	
All other occupations.....	1,926	1,175	418	316	3	14	29	39	146	990	605	117	

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.

⁵ Probably includes some teachers in schools below collegiate rank.

COMPOSITION AND CHARACTERISTICS.

41

TABLE 24.—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.												
Domestic and personal service.....	10,685	4,925	1,543	2,592	475	1,150	247	192	719	5,165	3,621	741
Barbers, hairdressers, and manicurists.....	1,592	1,084	285	230	12	31	6	12	85	974	488	27
Hotel keepers and managers.....	611	306	113	117	6	69	.....	1	13	271	272	54
Janitors and sextons.....	1,471	641	209	505	82	34	66	20	33	294	759	299
Laundry operatives.....	478	208	65	51	2	152	16	7	33	208	194	20
Restaurant, café, and lunch room keepers.....	656	251	93	211	4	97	.....	2	26	389	225	14
Servants.....	2,813	1,036	359	761	84	573	92	83	265	1,480	767	126
Waiters.....	650	243	86	187	88	55	18	26	101	404	104	6
All other occupations.....	2,405	1,206	333	530	197	139	49	41	163	1,145	812	195
Clerical occupations.....	11,136	6,562	3,070	1,431	17	56	665	542	1,698	5,814	2,163	254
Accountants and auditors.....	1,165	671	302	191	.....	1	.....	9	107	728	298	23
Agents.....	1,079	661	276	135	2	5	6	10	87	629	318	29
Bookkeepers and cashiers.....	1,985	1,141	556	271	.....	18	26	70	338	1,144	356	51
Canvassers and collectors.....	291	194	62	34	1	.....	16	9	29	139	79	19
Clerks (except clerks in stores).....	5,769	3,374	1,618	739	10	28	187	337	1,003	3,037	1,081	124
Messenger, bundle, and office boys ¹	552	343	163	40	2	4	423	79	23	13	8	6
Stenographers and typists.....	295	178	94	21	2	.....	7	28	111	124	23	2
FEMALES.....	54,492	32,876	14,788	6,205	317	326	2,632	4,453	11,201	25,023	10,111	1,072
Agriculture, forestry, and animal husbandry..	2,308	1,358	468	398	5	81	65	38	97	784	1,082	262
Dairy farm, farm, and stock farm laborers.....	403	212	94	56	1	45	36	28	58	186	89	11
Farmers, general farms.....	1,162	695	226	229	.....	12	.....	.....	18	325	652	167
Gardeners, florists, fruit growers, and nurserymen.....	201	134	34	28	1	4	.....	.....	.....	68	100	33
All other occupations.....	537	317	114	83	3	20	29	10	21	185	241	51
Extraction of minerals (all occupations).....	6	5	1	.....	.....	.....	.....	.....	1	3	2	.....
Manufacturing and mechanical industries.....	7,210	4,148	1,979	1,032	18	33	527	524	938	3,261	1,834	126
Dressmakers and seamstresses (not in factory).....	1,891	1,150	472	249	11	9	6	19	73	888	837	68
Laborers (not otherwise specified):												
Food industries.....	253	164	57	27	.....	5	42	28	47	79	50	7
Other industries.....	567	360	116	86	1	4	85	73	100	210	89	10
Milliners and millinery dealers.....	695	402	224	68	1	.....	22	36	97	410	127	3
Semiskilled operatives (not otherwise specified):												
Clothing industries.....	810	421	242	144	1	2	28	22	86	431	237	6
Food industries—												
Candy factories.....	271	133	111	27	.....	.....	48	43	70	95	15	.....
Other food industries.....	514	288	135	91	.....	.....	94	66	90	168	88	8
Woolen and worsted mills.....	499	291	128	80	.....	.....	52	82	100	192	72	1
Other industries.....	1,003	560	303	128	2	10	120	120	186	403	158	16
Tailoresses.....	224	96	56	70	2	2	.....	1	20	141	59	3
All other occupations.....	483	283	135	62	2	1	30	34	69	244	102	4
Transportation.....	2,248	1,478	621	136	10	3	116	465	813	775	74	5
Telegraph operators.....	227	143	73	11	.....	.....	13	37	85	84	8	.....
Telephone operators.....	1,839	1,233	515	90	1	.....	100	419	701	583	34	2
All other occupations.....	182	102	33	35	9	3	3	9	27	108	32	3
Trade.....	6,445	4,020	1,793	607	5	20	402	557	1,260	3,155	1,019	52
Clerks in stores ²	1,473	878	445	145	1	4	156	204	389	600	121	3
Real estate agents and officials.....	304	193	73	33	.....	.....	.....	.....	8	132	151	13
Retail dealers ⁴	619	363	142	111	1	2	1	8	37	343	211	19
Saleswomen (stores).....	3,517	2,248	994	259	2	14	219	317	764	1,734	421	12
All other occupations.....	532	338	139	54	1	.....	26	28	62	296	115	5
Public service (not elsewhere classified).....	300	222	66	10	1	1	.....	6	29	179	78	8
Postmistresses.....	178	132	40	5	.....	1	.....	6	17	104	48	3
All other occupations.....	122	90	26	5	1	.....	.....	.....	12	75	30	5
Professional service.....	10,662	7,160	2,856	620	16	10	122	663	2,737	5,543	1,490	107
Librarians.....	224	151	63	10	.....	.....	.....	10	30	138	39	7
Musicians and teachers of music.....	967	661	224	75	6	1	26	36	146	551	190	18
Teachers (school).....	6,353	4,420	1,719	207	3	4	28	461	1,903	3,288	643	39
Trained nurses.....	1,348	722	442	178	3	3	6	62	378	736	158	8
All other occupations.....	1,770	1,206	408	150	4	2	62	94	280	330	460	44

¹ Except telegraph messengers.² Includes 84 females of unknown age.³ Many of the "Clerks in stores" probably are "Saleswomen."⁴ Includes, also, managers and superintendents of retail stores.

POPULATION—OREGON.

TABLE 24.—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 (includes age unknown).	45 to 64 years.	65 years and over.
		Native parentage.	Foreign or mixed parentage.									
FEMALES—Continued.												
Domestic and personal service.....	14,567	8,113	3,316	2,716	254	168	796	886	1,870	6,437	4,077	501
Barbers, hairdressers, and manicurists.....	244	152	54	23	7	8	4	6	39	163	31	1
Boarding and lodging house keepers.....	1,131	708	221	177	19	6	.....	1	15	417	594	104
Hotel keepers and managers.....	247	168	48	37	1	3	.....	.....	5	128	103	11
Housekeepers and stewardesses.....	1,899	1,085	414	351	15	34	.....	69	152	813	736	129
Janitors and sextons.....	286	111	57	101	17	.....	9	4	6	134	118	15
Laundresses (not in laundry).....	431	219	70	120	14	8	4	8	22	173	201	23
Laundry operatives.....	1,088	636	260	175	4	13	98	89	161	526	199	15
Nurses (not trained).....	1,528	891	361	268	4	4	.....	25	119	669	632	83
Servants.....	5,376	2,656	1,255	1,236	146	82	489	391	767	2,326	1,290	112
Waitresses.....	1,906	1,233	487	168	12	6	181	271	535	859	59	1
All other occupations.....	432	264	89	60	15	4	11	22	49	229	114	7
Clerical occupations.....	10,748	6,872	3,668	688	8	10	604	1,314	3,456	4,906	455	11
Bookkeepers and cashiers.....	3,284	1,988	1,092	202	.....	2	192	338	903	1,674	174	3
Clerks (except clerks in stores).....	2,564	1,635	871	153	2	3	147	335	838	1,116	126	2
Stenographers and typists.....	4,417	2,631	1,579	299	3	6	170	579	1,622	1,930	114	2
All other occupations.....	481	318	126	34	3	.....	95	62	93	186	41	4

TABLE 25.—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.....	54,370	15,155	364	1,717	4,635	4,459	3,980	39,215
Native white—Native parentage.....	32,805	9,796	257	1,158	3,000	2,840	2,541	23,009
Native white—Foreign or mixed parentage.....	14,725	3,206	77	417	1,105	856	751	11,519
Foreign-born white.....	6,199	1,788	25	91	401	644	627	4,411
Negro.....	316	168	1	16	51	64	36	148
Indian.....	114	32	1	2	10	8	11	82
Chinese, Japanese, and all other.....	211	165	3	33	68	47	14	46

¹ Includes age unknown.

COMPOSITION AND CHARACTERISTICS.

43

SUPPLEMENTAL TABLES FOR INDIAN, CHINESE, AND JAPANESE POPULATION.

AGE, FOR THE STATE: 1920 AND 1910.

AGE PERIOD.	Number: 1920			Per cent: 1920			Per cent: 1910			AGE PERIOD.	Number: 1920			Per cent: 1920			Per cent: 1910		
	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.		Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.
INDIANS.										CHINESE—continued.									
All ages.....	4,590	2,301	2,289	100.0	100.0	100.0	100.0	100.0	100.0	20 to 44 years.....	834	658	176	27.0	25.0	38.2	31.3	30.8	42.2
Under 5 years.....	453	222	231	9.9	9.6	10.1	11.8	11.8	11.8	45 years and over.....	1,680	1,634	46	54.4	62.2	10.0	62.1	64.4	9.4
Under 1 year.....	95	49	47	2.1	2.1	2.1	2.2	2.3	2.1	Age unknown.....	4	4		0.1	0.2		0.6	0.7	
5 to 9 years.....	473	241	232	10.3	10.5	10.1	11.5	11.1	11.9	18 to 44 years.....	900	705	195	29.1	26.8	42.3	32.2	31.6	44.4
10 to 14 years.....	626	304	322	13.6	13.2	14.1	12.7	12.9	12.5	21 years and over.....	2,454	2,273	211	80.4	86.5	45.8	93.3	95.3	50.0
15 to 19 years.....	741	375	366	16.1	15.3	18.0	11.7	13.3	10.0	JAPANESE.									
20 to 44 years.....	1,254	661	593	27.3	28.7	25.9	28.8	30.3	27.3	All ages.....	4,151	2,802	1,349	100.0	100.0	100.0	100.0	100.0	100.0
45 years and over.....	1,034	496	538	22.5	21.6	23.5	23.3	20.5	26.1	Under 5 years.....	685	349	336	16.5	12.5	24.9	3.5	2.1	19.0
Age unknown.....	9	2	7	0.2	0.1	0.3	0.2	0.1	0.3	Under 1 year.....	184	91	93	4.4	3.2	6.9	0.8	0.4	4.8
18 to 44 years.....	1,526	795	731	33.2	34.6	31.9	33.5	35.6	31.4	5 to 9 years.....	244	112	132	5.9	4.0	9.8	0.8	0.2	1.7
21 years and over.....	2,191	1,098	1,093	47.7	47.7	47.8	50.3	48.7	51.8	10 to 14 years.....	64	32	32	1.5	1.1	2.4	0.6	0.3	3.1
CHINESE.										15 to 19 years.....	167	134	33	4.0	4.8	2.4	4.2	4.2	3.7
All ages.....	3,090	2,629	461	100.0	100.0	100.0	100.0	100.0	100.0	20 to 44 years.....	2,507	1,738	769	60.4	62.0	57.0	86.3	88.0	68.4
Under 5 years.....	165	87	78	5.3	3.3	16.9	1.3	0.7	14.1	45 years and over.....	473	428	45	11.4	15.3	3.3	5.1	5.2	4.1
Under 1 year.....	40	22	18	1.3	0.8	3.9	0.2	0.1	2.8	Age unknown.....	11	9	2	0.3	0.3	0.1	0.1	0.1	(1)
5 to 9 years.....	157	93	64	5.1	3.5	13.9	1.5	0.9	16.8	18 to 44 years.....	2,604	1,813	791	62.7	64.7	58.6	90.0	91.7	71.4
10 to 14 years.....	120	65	55	3.9	2.5	11.9	1.3	0.8	12.8	21 years and over.....	2,926	2,134	792	70.5	76.2	58.7	88.9	90.7	70.1
15 to 19 years.....	130	88	42	4.2	3.3	9.1	2.0	1.8	5.0										

1 Less than one-tenth of 1 per cent.

SCHOOL ATTENDANCE, FOR THE STATE: 1920 AND 1910.

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

AGE PERIOD.	INDIANS: 1920			INDIANS: 1910			CHINESE: 1920			CHINESE: 1910			JAPANESE: 1920			JAPANESE: 1910		
	Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.		Total number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
5 to 20 years, inclusive.	1,946	1,426	73.3	1,939	1,411	73.0	441	293	66.4	399	197	49.4	540	246	45.6	257	30	11.7
Male.....	981	731	74.5	1,001	740	73.9	269	181	67.3	284	132	46.5	319	146	45.8	225	19	8.4
Female.....	965	695	72.0	932	671	71.9	172	112	65.1	115	65	56.5	221	100	45.2	32	11	
5 and 6 years.....	199	38	19.1	239	74	31.0	68	17		55	12		141	37	26.2	7	1	
7 to 13 years.....	738	628	85.1	822	696	84.7	184	166	90.2	130	96	73.8	156	125	80.1	20	15	
14 and 15 years.....	322	295	91.6	283	260	91.9	46	39		44	31		28	20		6	3	
16 and 17 years.....	309	246	79.6	247	194	78.5	43	27		54	26		53	27		12	3	
18 to 20 years.....	378	219	57.9	342	187	54.7	100	44	44.0	116	32	27.6	162	37	22.8	212	8	3.8

ILLITERACY, FOR THE STATE: 1920 AND 1910.

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

AGE PERIOD.	INDIANS: 1920			INDIANS: 1910			CHINESE: 1920			CHINESE: 1910			JAPANESE: 1920			JAPANESE: 1910		
	Total number.	Illiterate.		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.		Number.	Per cent.
10 years and over.....	3,664	847	23.1	3,904	1,430	36.6	2,768	782	28.3	7,156	542	7.6	3,222	409	12.7	3,287	364	11.1
Male.....	1,838	327	17.8	1,954	581	29.7	2,449	710	29.0	6,934	505	7.3	2,341	238	10.2	3,054	332	10.9
Female.....	1,826	520	28.5	1,950	849	43.5	319	72	22.6	222	37	16.7	881	171	19.4	233	39	13.7
10 to 20 years.....	1,473	27	1.8	1,346	77	5.7	284	8	2.8	286	17	5.9	296	15	5.1	247	33	13.4
Male.....	740	10	1.4	719	41	5.7	176	6	3.4	224	12	5.4	207	9	4.3	220	31	14.1
Female.....	733	17	2.3	627	36	5.7	108	2	1.9	62	5		89	6		27	2	
21 years and over.....	2,191	820	37.4	2,558	1,353	52.9	2,484	774	31.2	6,870	525	7.6	2,926	394	13.5	3,040	331	10.9
Male.....	1,098	317	28.9	1,235	540	43.7	2,273	704	31.0	6,710	493	7.3	2,134	229	10.7	2,834	301	10.6
Female.....	1,093	503	46.0	1,323	813	61.6	211	70	33.2	160	32	20.0	792	165	20.8	206	30	14.6

POPULATION—OREGON.

SEX, ILLITERACY, AND VOTING AGE, FOR COUNTIES: 1920.

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

COUNTY.	TOTAL NUMBER.				10 YEARS OF AGE AND OVER.			21 YEARS OF AGE AND OVER.			
	Both sexes.	Per cent of total population.	Male.	Female.	Total number.	Illiterate.		Male.		Female.	
						Number.	Per cent.	Total number.	Number illiterate.	Total number.	Number illiterate.
INDIANS.											
The state	4,590	0.6	2,301	2,289	3,684	847	23.1	1,098	317	1,093	503
Coos.....	68	0.3	35	33	47	10	.....	14	3	15	7
Curry.....	91	3.0	51	40	63	4	.....	30	3	17	1
Douglas.....	58	0.3	40	18	44	4	.....	25	3	12	1
Harney.....	99	2.5	56	43	70	52	.....	32	26	25	21
Jefferson.....	317	9.9	158	159	238	72	30.3	88	26	91	46
Klamath.....	953	8.4	476	477	726	160	22.0	264	65	259	92
Lincoln.....	321	5.3	172	149	248	39	15.7	92	14	75	23
Marion.....	751	1.6	376	375	728	2	0.3	37	1	25	1
Multnomah.....	130	(1)	69	61	108	17	15.7	45	6	40	6
Polk.....	108	0.8	57	51	72	9	.....	27	4	19	4
Umatilla.....	971	8.7	453	518	772	286	37.0	251	96	303	133
Wasco.....	341	2.5	157	184	271	154	56.8	98	59	111	88
Yamhill.....	197	1.0	105	92	135	13	13.3	42	3	43	13
All other counties ¹	185	0.1	96	89	142	20	14.1	53	8	58	12
CHINESE.											
The state.....	3,090	0.4	2,629	461	2,768	782	28.3	2,273	704	211	70
Baker.....	72	0.4	68	4	70	26	.....	66	26	2	.....
Clackamas.....	65	0.1	50	5	49	23	.....	42	21	2	.....
Clatsop.....	306	1.3	239	67	258	130	50.4	200	118	30	10
Douglas.....	69	0.3	69	.....	69	17	.....	66	17	.....	.....
Hood River.....	60	0.7	60	.....	60	8	.....	60	8	.....	.....
Marion.....	155	0.3	121	34	128	33	25.8	98	29	11	4
Multnomah.....	1,888	0.7	1,676	312	1,683	414	24.6	1,339	366	147	46
Umatilla.....	75	0.3	72	3	75	14	.....	66	10	3	3
Wasco.....	73	0.5	68	5	66	22	.....	63	20	3	2
All other counties ¹	337	0.1	306	31	310	95	30.6	273	89	13	4
JAPANESE.											
The state.....	4,151	0.5	2,802	1,349	3,222	409	12.7	2,134	229	792	165
Baker.....	101	0.6	80	21	94	6	.....	73	6	14	.....
Clackamas.....	169	0.4	101	68	118	16	13.6	69	5	40	11
Clatsop.....	437	1.9	380	57	396	59	14.9	325	51	44	7
Columbia.....	85	0.6	76	9	75	5	.....	62	4	6	1
Grant.....	50	0.9	44	6	47	2	.....	39	2	4	.....
Hood River.....	351	4.2	200	151	236	50	21.2	128	19	85	29
Jackson.....	58	0.3	30	28	39	4	.....	22	1	16	3
Linn.....	60	0.2	49	11	54	2	.....	41	.....	7	2
Marion.....	109	0.2	62	47	74	9	.....	46	4	26	5
Multnomah.....	2,262	0.8	1,449	813	1,725	192	11.1	1,081	100	470	86
Union.....	75	0.5	67	8	70	16	.....	53	13	3	.....
Wasco.....	70	0.5	47	23	54	9	.....	35	4	14	5
Washington.....	96	0.4	59	37	61	23	.....	37	15	16	6
All other counties ¹	228	0.1	158	70	179	16	8.9	123	5	48	10

¹ Less than one-tenth of 1 per cent.² Comprises those counties in which the total number is less than 50.

AGRICULTURE—OREGON.

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.

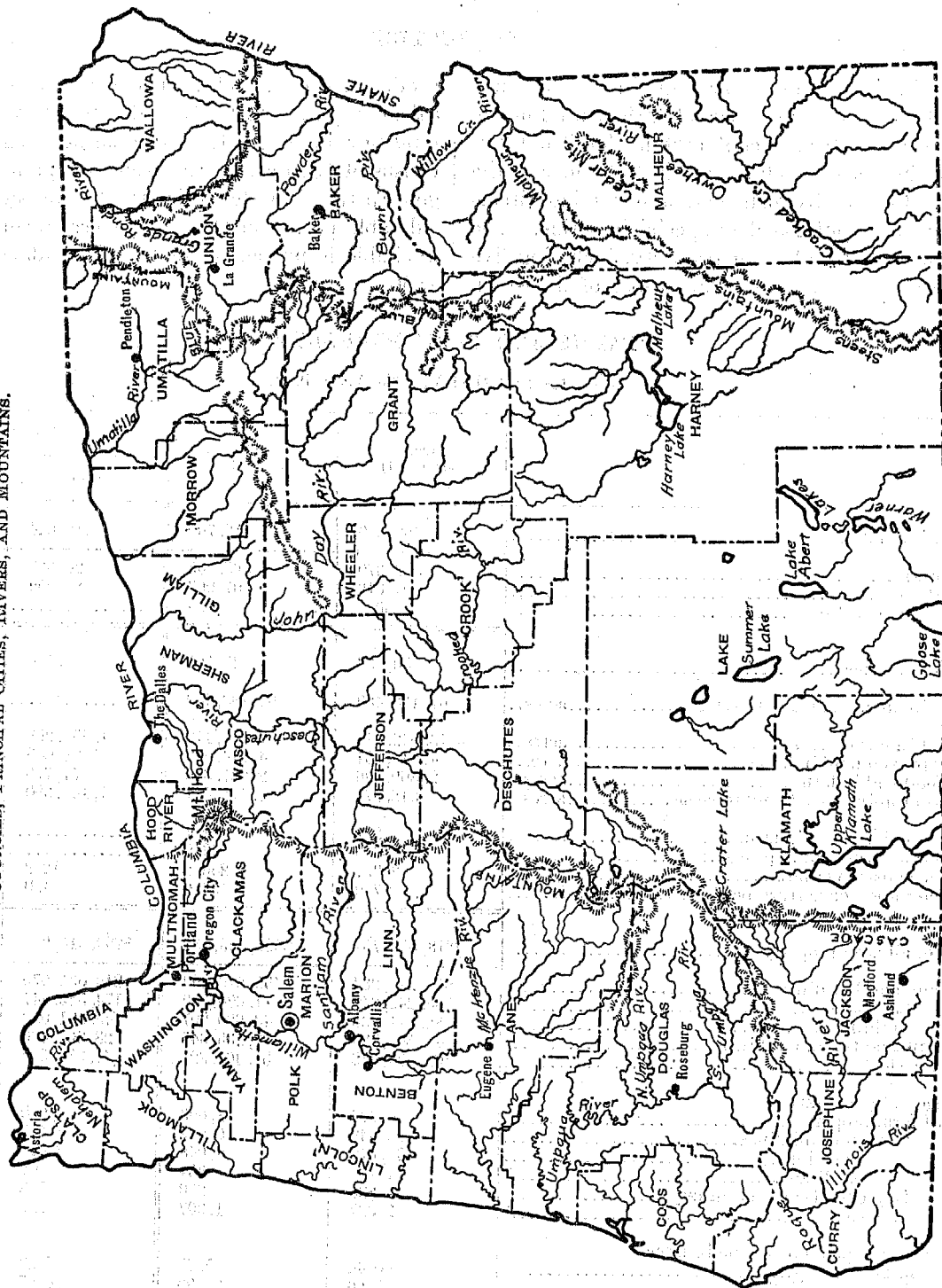
TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920 (January 1)	1910 (April 15)	INCREASE.	
			Amount.	Per cent.
Population, total.....	783, 389	672, 765	110, 624	16. 4
Rural ¹	392, 370	365, 705	26, 665	7. 3
Urban.....	391, 019	307, 060	83, 959	27. 3
Per cent rural.....	50. 1	54. 4		
Number of farms.....	50, 206	45, 502	4, 704	10. 3
Approximate land area of the state.....acres..	61, 188, 480	61, 188, 480		
All land in farms.....acres..	13, 542, 318	11, 685, 110	1, 857, 208	15. 9
Improved land in farms.....acres..	4, 913, 851	4, 274, 803	639, 048	14. 9
Woodland in farms.....acres..	2, 309, 596	2, 237, 826	71, 770	3. 2
Other unimproved land in farms.....acres..	6, 318, 871	5, 172, 481	1, 146, 390	22. 2
Per cent of land area in farms.....	22. 1	19. 1		
Per cent of farm land improved.....	36. 3	36. 6		
Average acreage per farm.....	269. 7	256. 8	12. 9	5. 0
Average improved acreage per farm.....	97. 9	93. 9	4. 0	4. 3
Value of all farm property.....	\$818, 559, 751	\$528, 243, 732	\$290, 315, 969	55. 0
Land and buildings.....	675, 213, 284	455, 576, 309	219, 636, 975	48. 2
Land alone.....	586, 242, 049	411, 696, 102	174, 545, 947	42. 4
Buildings.....	88, 971, 235	43, 880, 207	45, 091, 028	102. 8
Implements and machinery.....	41, 567, 125	13, 205, 645	28, 361, 480	214. 8
Live stock.....	101, 779, 342	59, 461, 828	42, 317, 514	71. 2
Average value per farm:				
All farm property.....	16, 304	11, 609	4, 695	40. 4
Land and buildings.....	13, 449	10, 012	3, 437	34. 3
Land alone.....	11, 677	9, 048	2, 629	29. 1
Buildings.....	1, 772	964	808	83. 8
Implements and machinery.....	828	290	538	185. 5
Live stock.....	2, 027	1, 307	720	55. 1
Average value per acre of land in farms:				
All farm property.....	60. 44	45. 21	15. 23	33. 7
Land and buildings.....	49. 86	38. 99	10. 87	27. 9
Land alone.....	43. 29	35. 23	8. 06	22. 9
Buildings.....	6. 57	3. 76	2. 81	74. 7
Implements and machinery.....	3. 07	1. 13	1. 94	171. 7
Live stock.....	7. 52	5. 09	2. 43	47. 7

¹ Population residing outside of incorporated places having 2,500 inhabitants or over. The rate of increase 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 352,811. For this territory, the increase in population between 1910 and 1920 was 11.2 per cent, which percentage indicates the rate of growth of the rural population, leaving out of consideration the changes in classification of territory.

OREGON

COUNTIES, PRINCIPAL CITIES, RIVERS, AND MOUNTAINS.



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 im- prov- ed.
	Number.	Per cent of in- crease.	All land.		Improved land.			
			Acres.	Per cent of in- crease.	Acres.	Per cent of in- crease. ¹		
1920.....	50,206	10.3	13,542,318	15.9	4,913,851	14.9	22.1	36.3
1910.....	45,502	27.0	11,685,110	16.0	4,274,803	28.4	19.1	36.6
1900.....	35,837	40.4	10,071,328	45.8	3,328,308	-5.3	16.5	33.0
1890.....	25,530	57.4	6,909,888	63.9	3,516,000	59.9	11.3	50.9
1880.....	16,217	113.7	4,214,712	76.4	2,198,645	97.0	6.9	52.2
1870.....	7,587	30.7	2,380,252	16.0	1,116,290	24.5	3.9	46.7
1860.....	5,806	398.8	2,060,539	376.1	896,414	574.7	3.4	43.5
1850.....	1,164		432,808		132,857		0.2	30.7

¹ A minus sign (—) denotes 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.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1920.....	\$318,559,751	55.0	\$375,213,284	48.2	\$41,567,125	214.8	\$101,779,342	71.2
1910.....	528,243,782	205.8	455,576,309	244.3	13,205,645	103.0	59,461,828	75.3
1900.....	172,761,287	20.8	132,337,514	14.3	6,504,725	42.8	33,917,048	49.8
1890.....	143,024,800	85.8	115,819,200	103.5	4,556,770	64.1	22,648,830	32.4
1880.....	76,975,140	152.6	53,908,575	154.0	2,958,173	128.5	17,110,392	150.6
1870.....	30,475,881	37.9	22,352,989	47.1	1,293,717	35.8	6,828,676	14.8
1860.....	22,689,101	350.2	15,200,593	433.5	952,313	410.2	5,946,255	216.9
1850.....	4,908,732	.....	2,849,170	.....	183,423	.....	1,876,189	.....

¹ 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.....	269.7	97.9	\$16,304	\$13,449	\$328	\$2,027
1910.....	256.8	63.9	11,609	10,012	290	1,307
1900.....	281.0	92.9	4,821	3,693	182	946
1890.....	270.7	137.7	5,602	4,537	178	887
1880.....	250.9	135.6	4,747	3,509	182	1,055
1870.....	314.9	147.1	4,017	2,946	171	900
1860.....	354.9	154.4	3,806	2,618	164	1,024
1850.....	371.8	114.1	4,217	2,448	158	1,612

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.....	\$60.44	\$43.86	\$43.29	\$6.57	\$3.07	\$7.52
1910.....	45.21	38.99	36.23	3.76	1.13	5.09
1900.....	17.15	13.14	11.23	1.91	0.65	3.37
1890.....	20.70	16.76	.....	.....	0.66	3.28
1880.....	18.26	13.50	.....	.....	0.70	4.06
1870.....	12.76	9.36	.....	.....	0.64	2.86
1860.....	10.72	7.38	.....	.....	0.46	2.89
1850.....	11.34	6.58	.....	.....	0.42	4.33

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.....	50,206	45,502	4,704	10.3	100.0	100.0
Under 20 acres.....	7,526	6,080	1,446	24.8	15.0	13.3
Under 3 acres.....	402	244	158	64.8	0.8	0.5
3 to 9 acres.....	3,065	2,639	416	15.8	6.1	5.8
10 to 19 acres.....	4,069	3,147	922	29.3	8.1	6.9
20 to 49 acres.....	8,755	6,888	1,867	27.1	17.4	15.1
50 to 99 acres.....	8,802	6,800	1,502	22.1	16.5	14.9
100 to 174 acres.....	9,735	12,009	-2,274	-18.9	19.4	26.4
175 to 499 acres.....	10,310	9,343	967	10.3	20.5	20.5
175 to 259 acres.....	4,017	3,680	337	9.2	8.0	8.1
260 to 499 acres.....	6,293	5,663	630	11.1	12.5	12.4
500 to 999 acres.....	3,364	2,716	648	23.9	6.7	6.0
1,000 acres and over..	2,214	1,716	498	29.0	4.4	3.8

¹ A minus sign (-) denotes decrease.

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.....	50,206	45,502	35,837	25,530	16,217
Under 10 acres.....	3,457	2,883	1,431	384	185
10 to 19 acres.....	4,069	3,147	1,640	510	207
20 to 49 acres.....	8,755	6,888	4,083	1,626	679
50 to 99 acres.....	8,302	6,800	4,673	2,630	1,723
100 to 499 acres.....	20,045	21,352	20,283	17,894	11,791
500 to 999 acres.....	3,364	2,716	2,440	1,808	1,280
1,000 acres and over.....	2,214	1,716	1,287	672	352
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	6.9	6.3	4.0	1.5	1.1
10 to 19 acres.....	8.1	6.9	4.6	2.0	1.3
20 to 49 acres.....	17.4	15.1	11.4	6.4	4.2
50 to 99 acres.....	16.5	14.9	13.0	10.3	10.6
100 to 499 acres.....	39.9	46.9	56.6	70.1	72.7
500 to 999 acres.....	6.7	6.0	6.8	7.1	7.9
1,000 acres and over.....	4.4	3.8	3.6	2.6	2.2

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

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	13,542,318	11,685,110	4,913,851	4,274,803	\$675,213,284	\$455,576,309
Under 20.....	71,149	55,128	55,593	42,075	32,360,252	23,517,393
20 to 49.....	289,943	227,085	182,195	127,814	59,777,453	37,654,879
50 to 99.....	600,514	495,834	327,878	238,549	79,128,890	48,774,337
100 to 174.....	1,363,834	1,753,678	591,348	583,111	106,660,856	82,682,016
175 to 499.....	3,087,764	2,791,920	1,255,881	1,140,175	168,671,562	124,131,252
500 to 999.....	2,320,668	1,876,662	963,027	818,971	94,860,231	50,579,881
1,000 and over.....	5,808,546	4,484,803	1,548,429	1,324,108	133,754,035	79,236,681

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.....	36.3	36.6	\$13,449	\$10,012	\$49.86	\$38.99
Under 20 acres.....	78.1	76.3	4,300	3,900	454.82	423.60
20 to 49 acres.....	62.8	56.3	6,828	5,467	204.17	165.82
50 to 99 acres.....	54.6	48.1	9,531	7,173	131.77	98.37
100 to 174 acres.....	43.4	33.3	10,956	6,885	75.21	47.15
175 to 499 acres.....	40.7	40.8	15,360	13,288	54.63	44.46
500 to 999 acres.....	41.1	43.6	28,169	21,937	40.88	31.75
1,000 acres and over.....	26.7	29.5	60,413	46,175	23.03	17.67

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.....	50,206	45,502	4,704	10.3	100.0	100.0
Owners.....	39,863	37,796	2,067	5.5	79.4	83.1
Owning entire farm.....	33,300	32,982	318	1.0	66.3	72.5
Hiring additional land.....	6,563	4,814	1,749	36.3	13.1	10.6
Managers.....	916	847	69	8.1	1.8	1.9
Tenants.....	9,427	6,859	2,568	37.4	18.8	15.1
Share tenants.....	4,176	2,927	1,249	42.7	8.3	6.4
Share-cash tenants.....	278	245	33	13.5	0.6	0.7
Cash tenants.....	4,882	3,037	1,845	44.3	8.7	6.5
Unspecified.....	591	650	-59	-9.1	1.2	1.4

¹ A minus sign (-) denotes decrease.

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

TENURE.	1920	1910	1900	1890	1880
Total number of farms.....	50,206	45,502	35,837	25,530	16,217
Farms operated by owners.....	39,863	37,796	28,963	22,324	13,938
Owning entire farm.....	33,300	32,982	24,712	(¹)	(¹)
Hiring additional land.....	6,563	4,814	4,251	(²)	(²)
Farms operated by managers.....	916	847	508	(³)	(³)
Farms operated by tenants.....	9,427	6,859	6,366	3,206	2,279
Share tenants.....	4,176	2,927	3,729	2,123	1,538
Share-cash tenants.....	278	245			
Cash tenants.....	4,882	3,037	2,637	1,083	741
Unspecified.....	591	650			
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Operated by owners.....	79.4	83.1	80.8	87.4	85.9
Owning entire farm.....	66.3	72.5	69.0	(¹)	(¹)
Hiring additional land.....	13.1	10.6	11.9	(²)	(²)
Operated by managers.....	1.8	1.9	1.4	(³)	(³)
Operated by tenants.....	18.8	15.1	17.8	12.6	14.1
Share and share-cash.....	8.9	7.0	10.4	8.3	9.5
Cash and unspecified.....	9.0	8.1	7.4	4.2	4.6

¹ Includes farms operated by managers.² Not reported separately.³ Included 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.....	13,542,318	11,685,110	4,913,851	4,274,803	\$675,213,284	\$455,576,309
Owners.....	10,017,262	9,636,370	3,331,150	3,061,350	478,525,734	335,786,072
Managers.....	837,924	766,007	300,687	212,812	36,444,760	23,725,693
Tenants.....	2,687,132	1,882,733	1,282,014	1,000,641	160,242,790	91,064,544

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.....	79.4	83.1	74.0	77.3	67.8	71.6	70.9	73.7
Managers.....	1.8	1.9	6.2	6.6	6.1	5.0	5.4	6.3
Tenants.....	18.8	15.1	19.8	16.1	26.1	23.4	23.7	20.0

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...	269.7	256.8	97.9	93.9	36.3	36.6	\$13,449	\$10,012	\$49.86	\$38.99
Owners.....	251.3	239.1	83.6	81.0	33.3	33.9	12,004	8,884	47.77	37.16
Managers.....	914.8	904.4	328.3	251.3	35.9	27.8	39,787	33,915	48.49	37.50
Tenants.....	285.0	274.5	136.0	145.9	47.7	53.1	16,998	13,277	59.03	48.37

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.....	50,206	13,542,318	4,913,851	\$875,213,284	269.7	97.9	\$13,449
Male.....	48,557	13,269,636	4,819,576	\$859,338,518	273.3	99.3	13,579
Female.....	1,649	272,682	94,275	15,874,766	165.4	57.2	9,627
Owners.....	39,863	10,017,262	3,331,150	478,525,734	251.3	83.6	12,004
Male.....	38,346	9,765,875	3,245,240	464,090,478	254.7	84.6	12,103
Female.....	1,518	251,387	85,910	14,435,256	168.6	56.0	9,509
Managers.....	916	837,924	300,687	36,444,760	914.8	323.3	39,787
Male.....	904	836,434	299,851	36,209,460	925.2	331.7	40,055
Female.....	12	1,490	836	235,300	124.2	69.7	19,608
Tenants.....	9,427	2,687,132	1,282,014	160,242,790	285.0	136.0	16,908
Male.....	9,308	2,667,327	1,274,485	159,038,680	286.6	136.9	17,086
Female.....	119	19,805	7,529	1,204,210	166.4	63.3	10,119

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.....	50,206	45,502	13,542,318	4,913,851	\$875,213,284
White farmers.....	49,633	44,875	13,442,465	4,884,562	\$869,826,485
Native ¹	40,484	35,819	11,432,137	4,278,552	\$683,545,450
Foreign-born.....	9,149	9,056	2,010,328	611,010	106,281,035
Country of birth:					
Austria.....	261	286	28,832	11,677	2,095,725
Canada.....	972	1,024	178,802	72,519	12,295,965
Denmark.....	530	498	81,534	31,758	5,075,054
England.....	620	784	165,904	36,569	7,101,873
Finland.....	396	(²)	38,795	11,178	2,985,647
France.....	125	93	30,474	8,838	1,381,455
Germany.....	1,945	2,492	320,877	136,308	21,691,562
Holland.....	121	80	18,947	9,335	1,554,795
Ireland.....	348	410	358,943	43,628	6,200,626
Italy.....	164	84	24,373	6,481	2,002,110
Norway.....	518	533	59,483	23,051	4,682,720
Russia.....	355	218	35,411	15,006	3,201,015
Sweden.....	317	350	145,096	40,966	5,625,176
Switzerland.....	957	866	166,920	60,561	9,238,841
Other countries.....	793	680	138,402	42,383	12,283,236
Colored farmers.....	573	627	99,853	29,289	5,386,799
Negro.....	15	27	2,125	800	119,400
Indian.....	300	452	87,209	21,180	2,018,352
Japanese.....	224	83	8,080	5,846	2,710,967
Chinese.....	34	65	2,439	1,463	598,080

¹ Includes farmers with country of birth not reported, as follows: For 1920, 955; for 1910, 91.

² Included with "other countries."

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.....	50,206	45,502	40,484	35,819	9,149	9,056	573	627
Owners.....	39,863	37,796	31,569	29,215	7,936	8,103	368	478
Managers.....	916	847	802	721	106	118	8	8
Tenants.....	9,427	6,859	8,113	5,883	1,107	835	207	141

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.	Percent.	1920	1910
Total.....	39,863	37,796	2,067	5.5	100.0	100.0
Free from mortgage.....	18,077	24,855	-6,778	-27.3	45.3	65.8
Mortgaged.....	17,843	12,632	5,211	41.3	44.8	33.4
Unknown.....	3,943	309	3,634	.....	9.9	0.8

¹ A minus sign (—) denotes decrease. Per cent not shown when more than 1,000. 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.....	39,863	37,796	28,638	22,503	100.0	100.0	100.0	100.0
Free from mortgage.....	18,077	24,855	20,766	17,246	45.3	65.8	72.5	76.6
Mortgaged.....	17,843	12,632	7,010	5,257	44.8	33.4	24.5	23.4
Unknown.....	3,943	309	802	.....	9.9	0.8	3.0	.....

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE.	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	14,355	10,274	4,081	39.7
Value of land and buildings.....	\$166,663,433	\$93,525,449	\$73,137,984	78.2
Amount of mortgage debt.....	\$51,999,178	\$21,165,827	\$30,833,351	145.7
Ratio of debt to value, per cent.....	31.2	22.6	.....	.....
Average rate of interest paid, per cent.....	6.5	.....	.....	.....
Average value per farm.....	\$11,610	\$9,108	\$2,502	27.5
Average debt per farm.....	\$3,622	\$2,060	\$1,562	75.8
Average equity per farm.....	\$7,988	\$7,043	\$945	13.4

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.

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.		PER CENT OF ALL FARMS.	
	1919	1909	Num-ber.	Per cent.	1919	1909
Labor.....	27,859	24,229	3,730	15.4	55.7	53.2
Fertilizer.....	5,614	2,857	2,727	94.5	11.2	6.3
Feed.....	34,404	21,012	13,392	63.7	68.5	45.2

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

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$21,030,685	\$11,101,864	\$9,928,821	89.4
Amount in cash.....	17,161,596	9,110,241	8,051,354	88.4
Value of rent and board furnished.....	3,869,090	1,991,623	1,877,467	94.3
Fertilizer.....	489,524	68,557	420,967	614.0
Feed.....	13,390,428	3,198,303	10,192,065	318.7

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 the following tables 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 Oregon the number of "dairy cows," including heifers 1 year old and over, reported for January 1, 1920, was 216,473, as compared with 172,550 "cows

kept for milk" reported for April 15, 1910. This represents an increase of 43,923, or 25.5 per cent. The number of "beef cows" reported for January 1, 1920, was 297,901, as compared with 217,480 "cows not kept for milk" reported for April 15, 1910, representing an increase of 80,421, or 37 per cent. The percentage of increase shown for dairy cows would have been even larger, except for the change in classification mentioned above, and the percentage of increase shown for beef cows correspondingly smaller.

Farms reporting domestic animals: 1910.—Horses were reported by 38,803 farms in Oregon in 1910, mules by 1,880 farms, cattle by 37,748, sheep by 6,356, and swine by 22,465. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Oregon increased from 45,502 in 1910 to 50,206 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Num-ber.	Per cent of all farms.	Num-ber.	Value.	Average value.
Total.....	47,003	83.6	.....	\$98,457,779	.....
Horses, total.....	42,641	84.9	271,559	19,225,842	\$70.80
Colts under 1 year of age.....	8,264	16.5	23,464	563,192	24.00
Colts 1 year old and under 2 years.....	8,767	17.5	24,393	896,482	36.75
Mares 2 years old and over.....	33,402	66.5	119,500	9,183,209	76.89
Geldings 2 years old and over.....	33,470	66.7	102,113	8,032,281	78.66
Stallions 2 years old and over.....	1,576	3.1	2,089	545,678	261.21
Mules, total.....	3,252	6.5	14,375	1,589,552	110.68
Mule colts under 1 year of age.....	639	1.3	1,049	70,104	40.15
Mule colts 1 year old and under 2 years.....	611	1.2	1,555	114,109	73.81
Mules 2 years old and over.....	2,363	4.7	11,171	1,399,339	125.27
Asses and burros.....	334	0.7	737	150,592	204.33
Cattle, total.....	43,037	85.7	851,108	47,818,486	56.18
Beef cattle, total.....	10,940	21.8	570,697	29,427,505	51.56
Calves under 1 year of age.....	7,879	15.7	134,748	3,095,417	27.42
Heifers 1 year old and under 2 years.....	5,906	11.9	72,193	3,005,789	41.64
Cows and heifers 2 years old and over.....	7,839	15.6	225,708	13,397,165	59.36
Steers 1 year old and under 2 years.....	5,026	10.0	66,380	3,382,111	50.95
Steers 2 years old and over.....	2,857	5.7	61,113	4,565,478	74.71
Bulls 1 year old and over.....	4,049	8.1	10,565	1,381,545	130.89
Dairy cattle, total.....	37,661	75.0	280,411	18,390,981	65.59
Calves under 1 year of age.....	19,396	38.6	57,840	1,373,505	23.75
Heifers 1 year old and under 2 years.....	14,439	28.8	30,011	1,654,336	45.04
Cows and heifers 2 years old and over.....	36,925	73.5	180,462	14,629,375	81.07
Bulls 1 year old and over.....	6,480	10.9	6,098	733,765	120.33
Sheep, total.....	9,047	18.0	2,002,378	24,423,544	12.20
Lambs under 1 year of age.....	6,066	12.1	551,313	4,783,080	8.63
Ewes 1 year old and over.....	7,968	15.9	1,302,142	17,434,029	13.39
Rams 1 year old and over.....	5,186	10.3	32,941	877,683	28.64
Wethers 1 year old and over.....	1,397	2.8	115,982	1,328,843	11.46
Goats, total.....	3,597	7.2	133,685	585,456	4.38
Kids under 1 year of age, raised for fleeces.....	2,011	4.0	25,867	96,685	3.74
Goats 1 year old and over, raised for fleeces.....	2,986	5.9	99,699	430,309	4.32
All other goats.....	542	1.1	8,119	58,403	7.19
Swine, total.....	30,201	60.2	268,778	4,664,307	17.48
Pigs under 6 months old.....	19,043	37.9	140,656	1,234,649	8.78
Sows and gilts for breeding, 6 months old and over.....	16,585	33.0	38,472	1,365,240	35.49
Boars for breeding, 6 months old and over.....	3,660	7.3	4,219	175,185	41.52
All other hogs, 6 months old and over.....	13,079	26.1	83,431	1,889,233	22.64

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

ITEM.	FARMS REPORT- ING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Num- ber.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	43,824	87.3	2,573,536	2,183,680	\$3,058,515	\$1.19
Chickens.....	43,570	86.8	2,500,123	1,753,224	2,846,324	1.14
Turkeys.....	5,040	10.1	38,373	26,689	159,016	4.14
Ducks.....	2,243	4.5	14,166	10,757	18,546	1.31
Geese.....	2,443	4.9	11,727	14,109	29,818	2.54
Guinea fowls.....	646	1.3	2,728	2,608	2,419	0.89
Pigeons.....	518	1.0	6,419	15,764	2,392	0.37
Hives of bees.....	7,702	15.3	45,264	47,285	263,048	5.81

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 small numbers of peafowls and pheasants.

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

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Num- ber.	Per cent.
Horses:				
Total, excluding spring colts re- ported for 1910.....	271,559	261,627	9,932	3.8
Colts under 1 year old on Jan. 1 of census year.....	23,464	30,154	-6,690	-22.2
Horses 1 year old and over on Jan. 1 of census year.....	248,095	229,545	18,550	8.1
Mules:				
Total, excluding spring colts re- ported for 1910.....	14,375	9,490	4,885	51.5
Mule colts under 1 year old on Jan. 1 of census year.....	1,649	1,782	-133	-7.6
Mules 1 year old and over on Jan. 1 of census year.....	12,726	7,708	5,018	65.1
Cattle:				
Total, excluding spring calves re- ported for 1910.....	851,108	649,017	202,091	31.1
Calves under 1 year old on Jan. 1 of census year.....	192,588	140,069	51,919	30.9
Cows and heifers 1 year old and over on Jan. 1 of census year.....	514,374	390,030	124,344	31.9
Steers and bulls 1 year old and over on Jan. 1 of census year.....	144,146	93,146	51,000	54.8
Sheep:				
Total, excluding spring lambs re- ported for 1910.....	2,002,378	1,958,342	44,036	2.2

¹ A minus sign (-) denotes decrease.

² Includes animals not classified.

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

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	NUMBER.		INCREASE. ¹	
			1920 (Jan. 1)	1910 (Apr. 15)	Num- ber.	Per cent.
Total.....	13,410	14,143				
Horses.....	5,743	8,928	10,575	30,203	-19,628	-65.0
Horses 1 year old and over on Jan. 1 of census year.....			10,100	29,425	-19,325	-65.7
Mules.....	172	201	524	1,377	-853	-61.9
Mules 1 year old and over on Jan. 1 of census year.....			503	1,339	-836	-62.4
Asses and burros.....	34	38	53	73	-20	.....
Cattle.....	10,295	8,927	21,350	17,006	4,344	25.5
Cattle 1 year old and over on Jan. 1 of census year.....			17,859	13,469	4,390	32.6
Sheep.....	273	71	11,191	1,755	9,436	537.7
Goats.....	382	89	1,480	1,654	-204	-12.1
Swine.....	2,404	641	5,942	3,060	2,882	94.2

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.....	282,134	271,559	10,575
Horses 2 years old and over.....	233,345	223,702	9,643
Mules.....	14,899	14,375	524
Mules 2 years old and over.....	11,640	11,171	469
Asses and burros.....	790	737	53
Cattle.....	872,458	851,108	21,350
Beef cattle.....	576,279	570,697	4,582
Dairy cattle.....	297,179	280,411	16,768
Dairy cows.....	194,655	180,462	14,193
Sheep.....	2,013,569	2,002,378	11,191
Goats.....	135,165	133,685	1,480
Swine.....	272,720	269,778	5,942

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 pro-

duction. 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.
	Num-ber.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	30,925	73.5	180,462	Head	.....
On farms reporting milk produced.....	31,043	61.8	153,462	Head	.....
On farms not reporting milk produced.....	5,882	11.7	27,000	Head	.....
Average production of milk per dairy cow, 1919 ¹			489	Gals.	.....
Specified dairy products:					
Milk, as reported.....1919..			79,641,946	Gals.	.....
.....1909..			56,106,599	Gals.	.....
Increase, 1909-1919.....			23,535,347	Gals.	.....
Per cent of increase.....			41.9		.....
Total production of milk, including estimates.....1919..			92,844,946	Gals.	.....
Butter made.....1919..	25,124	50.0	4,177,628	Lbs.	\$2,369,219
.....1909..	23,053	50.7	5,607,964	Lbs.	\$1,599,931
Cheese made.....1919..	238	0.5	43,898	Lbs.	\$14,926
.....1909..	153	0.3	160,205	Lbs.	\$23,151
Milk sold.....1919..	6,590	13.1	22,878,290	Gals.	\$6,774,576
.....1909..	3,751	8.2	14,640,108	Gals.	\$2,159,576
Cream sold.....1919..	4,173	8.3	1,106,341	Gals.	\$1,635,358
.....1909..	2,294	5.0	827,541	Gals.	\$701,177
Butter fat sold.....1919..	12,839	24.7	10,835,785	Lbs.	\$6,857,330
.....1909..	5,456	12.0	5,211,133	Lbs.	\$1,536,189
Butter sold.....1919..	7,302	14.7	1,145,803	Lbs.	\$649,243
.....1909..	9,617	20.9	2,446,158	Lbs.	\$708,301
Value of milk, cream, and butter fat sold, and of butter and cheese made ² , 1919..					\$17,651,409
.....1909..					\$6,067,024
Increase, 1909-1919.....					\$11,584,385
Per cent of increase.....					190.9
Receipts from sale of dairy products ³.....1919..					\$15,916,507
.....1909..					\$5,170,703
Increase, 1909-1919.....					\$10,745,804
Per cent of increase.....					207.8

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 \$20,460.

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

ITEM.	Farms re- port- ing.	Num- ber of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Num- ber of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.....	9,047	2,002,378			.....
On farms reporting wool.....	6,306	1,605,539			.....
On farms not reporting wool.....	2,741	396,789			.....
Sheep of shearing age ¹ on farms Apr. 15, 1910.....	6,038	1,958,342			.....
Wool produced, as reported, total.....1919..	6,535		1,544,443	13,118,479	\$6,598,979
On farms reporting sheep.....	6,306		1,517,708	12,887,830	\$5,431,871
On farms not reporting sheep.....	229		26,735	250,649	\$117,108
Total production of wool, includ- ing estimates.....1919..				16,039,048	\$3,019,524
.....1909..				18,841,822	\$3,782,721
Increase, 1909-1919 ²				-2,802,814	\$4,236,803
Per cent of increase ²				-14.9	112.0
Goats raised for fleeces, on farms Jan. 1, 1920.....	3,195	125,566			.....
Mohair produced, as reported, total.....1919..	2,554		95,519	380,675	\$211,378
.....1909..	3,075			523,435	\$128,230

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.
	Num-ber.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.....	43,576	86.8	Number. 2,500,123	.....
On farms reporting eggs produced.....	37,900	75.5	2,273,985	.....
On farms reporting chickens raised.....	29,988	59.7	1,946,408	.....
Fowls on farms Apr. 15, 1910.....	37,126	81.6	1,823,680	.....
Eggs produced, as reported.....1919..	38,096	75.9	Dozens. 13,353,471	\$5,921,712
Total production of eggs, including esti- mates.....1919..			14,625,720	6,435,317
.....1909..			11,906,903	2,912,849
Eggs sold, as reported.....1919..	27,522	54.8	8,423,715	3,740,429
.....1909..	23,178	50.9	6,233,626	1,531,932
Chickens raised, as reported.....1919..	30,135	60.0	Number. 2,471,143	2,016,324
Total chickens raised, including esti- mates.....1919..			3,150,155	2,583,127
.....1909..			2,656,492	1,416,608
Chickens sold, as reported.....1919..	16,192	32.3	909,240	733,050
.....1909..	18,337	40.3	957,644	584,460

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

ITEM.	Farms re- port- ing.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.....	7,702	45,264		
On farms reporting honey.....	4,475	34,932		
On farms not reporting honey.....	3,227	10,332		
Bees on farms Apr. 15, 1910.....	8,861	47,285		
Honey produced.....1919..	4,495		929,566	\$241,584
.....1909..	5,433		839,981	92,476
Wax produced.....1919..			11,436	4,232
.....1909..			8,353	2,034

The combined acreage of crops harvested in Oregon in 1919 for which the acreage was reported was 2,803,016, which represents 57 per cent of the total improved land in farms (4,913,851 acres). The total crop acreage reported for 1909 was 2,278,990, or 53.3 per cent of the improved land in farms (4,274,803 acres). Most of the improved land not in crops 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 in 1919, as shown in the tables, there were reported 18,762 acres of mature crops grazed or "hogged off."

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

In the case of farm crops, however, wherever a unit value could be used, such as the value per bushel 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 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 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	31,972	17,280	16,992	12,101	5,646
Oats.....	284,162	339,162	261,496	218,736	151,624
Wheat.....	1,080,051	763,187	878,379	553,052	445,077
Barley.....	66,695	108,847	60,375	37,722	29,311
Rye.....	42,476	12,913	10,090	6,845	841
Hay and forage.....	1,229,404	940,508	781,823	467,081	166,506
Potatoes.....	40,055	44,265	30,035	17,955	

¹ Includes 12,835 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.....	0.7	0.4	Bu.....	26.5	26.1	\$43.69	\$17.96
Oats.....	5.8	7.9	Bu.....	29.4	32.1	27.94	14.55
Wheat.....	22.0	17.9	Bu.....	18.1	16.3	35.15	14.22
Barley.....	1.4	2.5	Bu.....	21.5	21.8	35.26	13.50
Rye.....	0.9	0.3	Bu.....	7.4	11.4	15.45	10.28
Hay and forage.....	25.0	22.0	Tons.....	1.79	1.70	34.03	18.24
Potatoes.....	0.8	1.0	Bu.....	88.4	100.0	185.54	47.41

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.....	3,385	6.7	6,231	\$1,341,767
Asparagus.....	73	0.1	111	31,876
Beans (green).....	781	1.0	523	62,896
Cabbages.....	1,172	2.3	984	123,111
Cantaloupes and muskmelons.....	189	0.4	131	25,174
Carrots.....	271	0.5	174	26,781
Cauliflower.....	91	0.2	188	39,475
Celery.....	32	0.2	114	85,977
Corn (sweet).....	795	1.6	526	85,253
Cucumbers.....	406	0.8	348	47,675
Lettuce.....	248	0.5	123	35,068
Onions.....	694	1.4	853	420,193
Peas (green).....	307	0.8	185	27,747
Squashes.....	141	0.3	163	20,007
Tomatoes.....	932	1.9	727	178,008
Watermelons.....	165	0.3	160	21,378
All other vegetables.....			305	60,783
Mixed vegetables.....	125	0.2	217	49,455

TABLE 36.—SUGAR CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Sugar beets grown for sugar.....	25	(¹)	68	797	Tons..	\$9,564
.....	21	(¹)	781	6,513	Tons..	31,223
Sorghum grown for sirup.....	121	0.2	² 158	² 412	Tons..	
.....	17	(¹)	19	133	Tons..	
Sirup made.....				² 5,086	Gals..	7,886
.....				1,374	Gals..	1,131

¹ Less than one-tenth of 1 per cent.² Figures include estimates for incomplete reports.

TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.		FARMS REPORTING.		Acres harvested.	PRODUCTION.	
		Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....	1919.....	9,587	19.1	8,463	18,977,822	\$2,927,984
	1909.....	9,587	19.1	5,122	9,348,480	641,194
Strawberries.....	1919.....	4,134	8.2	2,812	4,159,200	790,251
	1909.....	3,701	8.1	2,941	5,322,040	395,349
Raspberries.....	1919.....	2,912	5.8	1,176	1,824,901	328,481
Loganberries.....	1919.....	3,508	7.0	2,765	10,198,011	1,427,722
Raspberries and loganberries.....	1909.....	3,294	7.2	1,460	2,644,948	150,729
Blackberries and dewberries.....	1919.....	2,793	5.6	1,354	2,139,110	299,476
	1909.....	1,307	2.9	431	915,744	61,066
Cranberries.....	1919.....	44	0.1	88	170,757	25,614
	1909.....	17	(¹)	14	40,884	3,527
Currants.....	1919.....	781	1.6	97	99,890	13,986
	1909.....	877	1.9	89	117,354	9,452
Other berries.....	1919.....	1,154	2.3	181	885,953	42,454
	1909.....			187	807,540	21,071

¹ Less than one-tenth of 1 per cent.

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

CROP.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.		1920	1910
	1920	1910	1920	1910		
Orchard fruits, total ¹	12,518	14,327	24.9	31.5	2,167,331	4,309,232
Apples.....	7,353	6,812	14.6	15.0	500,322	2,240,636
Peaches ²	3,463	6,812	6.9	15.0	29,911	508,179
Pears.....	4,915	8,624	9.8	19.0	214,523	795,669
Plums and prunes.....	6,112	6,498	12.2	14.3	1,331,606	427,809
Cherries.....	5,437	9,646	10.8	21.2	89,396	313,770
Apricots.....	45	1,186	0.1	2.6	1,560	18,128
Subtropical fruits, total.....	38	92	0.1	0.2	97	340
Figs.....	38	92	0.1	0.2	97	340
Grapes.....	1,756	2,840	3.5	6.2	35,570	468,598
Nuts, total ³	262	505	0.5	1.1	94,640	197,050
Almonds.....	31	94	0.1	0.2	1,296	4,117
Pecans.....					130	905
Walnuts (Persian or English).....	4,246	4,300	8.5	9.5	93,214	177,004

¹ Includes quinces and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, returns for that year are somewhat incomplete.

² The 1910 figures include nectarines.

³ The 1910 figures include black walnuts and several other varieties of nuts not called for by the 1920 schedule.

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

CROP.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Per cent of all farms.				Quantity.			Value.	
	1920	1910	1920	1910	1920	1910	Unit.	1919	1909	1919	1909
Orchard fruits, total ¹	31,173		62.1		7,854,006	4,583,735	Bu....	10,649,427	4,423,244	\$17,151,425	\$3,339,845
Apples.....	29,044	23,850	57.8	52.4	3,315,093	2,029,913	Bu....	6,921,284	1,930,926	9,343,737	1,656,944
Peaches ²	11,789	7,870	23.5	17.3	412,936	273,102	Bu....	504,441	179,080	781,885	194,314
Pears.....	20,145	18,133	40.1	39.9	727,444	273,542	Bu....	761,063	374,622	1,217,703	366,977
Plums and prunes.....	20,145	18,308	40.1	40.2	2,999,480	1,764,896	Bu....	2,151,864	1,747,587	4,734,103	838,783
Cherries.....	20,586	17,281	41.0	38.0	395,073	223,456	Bu....	303,898	181,089	1,063,633	269,934
Apricots.....	143	1,254	0.3	2.8	3,922	10,656	Bu....	6,807	4,616	10,214	7,727
Subtropical fruits, total.....	74	55	0.1	0.1	127	149	Lbs...	3,197	5,486	383	376
Figs.....	74	55	0.1	0.1	127	149	Lbs...	3,197	5,486	383	376
Grapes.....	6,537	4,816	13.0	10.6	361,484	381,302	Lbs...	2,842,656	3,206,874	170,558	98,776
Nuts, total ³					92,251	16,902	Lbs...	492,142	177,632	123,062	13,208
Almonds.....	518	429	1.0	0.9	3,507	3,960	Lbs...	29,945	17,515	7,489	2,468
Pecans.....	15	23	(⁴)	0.1	49	63	Lbs...	352	1,010	106	78
Walnuts (Persian or English).....	3,209	1,134	6.4	2.5	88,695	9,526	Lbs...	461,845	79,060	115,467	8,288

¹ Includes quinces and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² The figures for 1910 and 1909 include nectarines.

³ The figures for 1910 and 1909 include black walnuts and several other varieties of nuts not called for by the 1920 schedule.

⁴ Less than one-tenth of 1 per cent.

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.....	50,206	45,502	39,863	37,796	918	847	9,427	6,859
Reporting age.....	49,476	45,353	39,293	37,685	893	830	9,290	6,838
Under 25 years.....	1,424	1,590	674	910	53	79	697	601
25 to 34 years.....	8,911	8,662	5,655	6,107	245	261	3,011	2,294
35 to 44 years.....	12,608	11,847	9,682	9,785	250	232	2,676	1,830
45 to 54 years.....	12,213	11,967	10,400	10,580	198	160	1,615	1,227
55 to 64 years.....	9,504	7,325	8,472	6,617	109	72	923	636
65 years and over.....	4,816	3,962	4,410	3,686	38	26	368	250
Not reporting age.....	730	149	570	111	23	17	137	21

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.....	50,206	45,502	39,863	37,796	918	847	9,427	6,859
Rptg. years on farm.....	49,195	42,064	39,198	34,710	864	786	9,133	6,588
Less than 2 years.....	11,750	12,093	7,172	8,192	378	401	4,200	3,440
2 to 4 years.....	10,423	10,563	7,339	8,302	208	197	2,876	2,064
5 to 9 years.....	10,768	8,407	9,262	7,607	166	86	1,340	714
10 years and over.....	16,254	11,001	15,425	10,609	112	42	717	350
Not reporting.....	1,011	3,438	665	3,086	52	61	294	291

Cooperative marketing and purchasing.—Cooperative marketing of farm products or cooperative purchasing of supplies through farmers' organizations in 1919 was reported by 4,842 farms in Oregon, including

1,518 farms which reported both sales and purchases, 2,327 farms which reported sales only, and 997 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.....	4,842	9.6		
Marketing.....	3,845	7.7	\$7,746,624	\$2,015
Purchasing.....	2,515	5.0	990,166	394

Farm facilities—Motor vehicles, telephones, water, and light on farms.—The following table indicates the extent to which the farmers of Oregon 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.....	20,561	41.0	22,223	444
Motor trucks.....	1,728	3.4	1,819	36
Tractors.....	2,902	5.8	3,070	61
Telephones.....	25,351	50.5		
Water piped into house.....	12,914	25.7		
Gas or electric light.....	5,463	10.9		

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 Oregon in 1920 was 50,206, of which number 47,003 reported domestic animals of some kind and 8,293 reported pure-bred live stock.

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

NOTE.—Pure-bred horses reported in Oregon represented 0.6 per cent of all horses on farms (see Table 23); pure-bred cattle, 2.9 per cent of the total; pure-bred sheep, 1.9 per cent; and pure-bred swine, 4.4 per cent.

BREED.	Number.	BREED.	Number.
Horses, total.....	1,538	Sheep, total.....	38,738
Belgian.....	132	Dorset Horn.....	79
Clydesdale.....	205	Hampshire Down.....	4,764
French Draft.....	20	Lincoln.....	4,978
German Coach.....	16	Merino.....	6,153
Percheron.....	747	Oxford.....	821
Shire.....	181	Rambouillet.....	2,946
Standard Bred.....	29	Shropshire.....	5,040
Thoroughbred.....	24	Southdown.....	62
All other breeds ¹	184	All other breeds ¹	18,895
Cattle, total.....	24,712	Swine, total.....	11,617
Beef breeds, total.....	11,860	Berkshire.....	1,105
Aberdeen Angus.....	776	Chester White.....	2,033
Galloway.....	13	Duroc-Jersey.....	4,211
Hereford.....	4,182	Essex.....	15
Polled Durham.....	2,307	Hampshire.....	333
Shorthorn.....	3,758	Poland China.....	3,625
All other beef breeds ¹	824	Yorkshire.....	70
Dairy breeds, total.....	12,852	All other breeds ¹	225
Ayrshire.....	323		
Brown Swiss.....	135		
Guernsey.....	697		
Holstein-Friesian.....	3,624		
Jersey.....	7,771		
All other dairy breeds ¹	302		

¹ Includes 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.....	31,679	63.1	241,954	7.6
Pigs.....	17,165	34.2	258,944	15.1
Lambs.....	6,089	12.1	763,890	125.5

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 Oregon in 1919 has been estimated, however, at \$36,200,000, as compared with \$17,433,774, 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..	17,087	34.0	57,980	3.4	7,262,850
.....1909..			65,048		
Cattle.....1909..	5,946	13.1	24,292	4.1	
Calves.....1909..	9,539	21.0	40,756	4.3	
Swine.....1919..	25,816	51.4	108,032	4.2	6,948,404
.....1909..	18,153	39.9	102,755	5.7	
Sheep and lambs.....1919..	2,450	4.9	16,228	6.6	308,502
.....1909..	1,395	3.1	15,786	11.3	

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..	7,272	725	10.0	Bushels. 846,642	Bushels. 116,752	13.8
.....1909..	3,715	307	8.3	451,757	30,969	6.9
Oats.....1919..	15,432	6,202	40.1	8,357,409	3,113,113	37.2
.....1909..	13,636	5,458	40.0	10,881,286	3,240,248	29.8
Barley.....1919..	3,460	1,128	32.7	1,429,073	591,366	41.4
.....1909..	3,283	883	26.9	2,377,735	610,621	25.7
Hay.....1919..				Tons. 1,908,393	Tons. 458,794	24.0
.....1909..				1,521,634	252,290	16.6
Potatoes.....1919..	24,685	9,076	36.8	Bushels. 3,538,930	Bushels. 1,742,478	49.2
Apples.....1919..		8,500		6,921,284	5,054,500	73.0

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..	5,121	Gallons. 35,189
.....1909..	1,346	89,919
Cider made (or to be made) into vinegar.....1919..	4,013	201,545
Vinegar made on farms ¹.....1909..	1,329	60,643
Grape juice.....1919..	361	8,725
Wine and grape juice.....1909..	317	31,232
Dried fruits.....1919..	4,320	Pounds. 17,470,598
.....1909..	1,615	10,904,713

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.....	16,902	20,641
Per cent of all farms.....	33.7	45.4
Value.....	\$5,299,123	\$2,889,991
Average per farm reporting.....	\$314	\$140
Forest products sold from farms (or cut and held for sale):		
Farms reporting.....	4,931	
Value.....	\$3,558,981	\$1,668,981
Average per farm reporting.....	\$722	
Forest products used on farms (or cut and held for use):		
Farms reporting.....	15,862	
Value.....	\$1,740,142	\$1,226,010
Average per farm reporting.....	\$110	

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.....	68	112
Acres used for growing nursery stock.....	1,212	2,168
Receipts from sale of products.....	\$344,168	\$783,020
Average receipts per nursery.....	\$5,061	\$6,991
Average receipts per acre.....	\$283.97	\$361.17
Greenhouses:		
Number of farms and establishments reporting.....	182	140
Square feet under glass.....	1,627,293	716,543
Receipts from sale of products.....	\$584,665	\$268,833
Flowers and flowering plants.....	\$508,261	
Vegetables and vegetable plants.....	\$76,404	
Average receipts per farm or establishment.....	\$3,212	\$1,920

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

	THE STATE.	Baker. ¹	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.
ALL FARMS.							
1 Number of farms, 1920.....	50,206	1,509	1,320	3,836	448	991	1,178
2 1910.....	45,502	1,304	1,098	3,646	369	813	1,128
3 1900.....	35,837	725	865	2,568	433	801	863
4 All farmers classified by sex, 1920:							
5 Male.....	48,557	1,464	1,290	3,702	426	942	1,139
6 Female.....	1,649	45	30	134	22	49	39
7 Color and nativity of all farmers, 1920:							
8 Native white.....	40,484	1,361	1,159	2,641	178	566	900
9 Foreign-born white.....	9,149	148	161	1,155	269	425	513
10 Negro and other nonwhite.....	573			40	1		5
11 All farms classified by size, 1920:							
12 Under 3 acres.....	402	1	3	17	2	3	9
13 3 to 9 acres.....	3,055	21	82	279	17	44	54
14 10 to 19 acres.....	4,069	31	100	464	53	111	57
15 20 to 49 acres.....	8,755	128	208	1,072	96	344	172
16 50 to 99 acres.....	8,302	170	207	1,063	94	225	202
17 100 to 174 acres.....	9,735	406	306	670	126	164	336
18 175 to 259 acres.....	4,017	170	155	167	26	43	141
19 260 to 499 acres.....	6,293	378	178	104	28	36	142
20 500 to 999 acres.....	3,364	152	61	8	5	15	50
21 1,000 acres and over.....	2,214	52	20	2	1	6	15
LAND AND FARM AREA.							
22 Approximate land area, 1920.....	61,188,480	1,075,040	440,320	1,195,520	525,440	423,680	1,041,920
23 Land in farms, 1920.....	13,542,318	493,145	233,427	285,910	52,017	89,889	206,505
24 1910.....	11,685,110	297,695	235,504	301,009	54,221	91,372	202,102
25 1900.....	10,071,328	176,465	235,652	298,491	72,515	142,906	172,336
26 Improved land in farms, 1920.....	4,913,851	163,317	103,175	118,658	14,179	22,182	36,530
27 1910.....	4,274,803	137,759	91,603	103,371	12,730	16,112	35,471
28 1900.....	3,328,308	78,389	85,823	90,061	14,604	18,045	37,622
29 Woodland in farms, 1920.....	2,309,696	47,464	75,235	86,036	22,839	39,812	59,049
30 Other unimproved land in farms, 1920.....	6,318,871	282,364	55,017	81,217	14,999	28,395	80,386
31 Per cent of land area in farms, 1920.....	22.1	25.0	53.0	23.9	9.9	21.2	19.8
32 Per cent of farm land improved, 1920.....	36.3	33.1	44.2	41.5	27.3	24.7	17.7
33 Average acreage per farm, 1920.....	269.7	326.8	176.8	74.5	116.1	90.7	175.4
34 Average improved acreage per farm, 1920.....	97.9	108.2	78.2	30.9	31.6	22.4	31.0
VALUE OF FARM PROPERTY.							
35 All farm property, 1920.....	818,559,751	27,164,596	18,249,852	40,281,098	6,457,279	8,879,014	14,099,841
36 1910.....	528,243,782	15,232,080	11,950,336	29,725,795	4,666,077	6,666,278	8,829,700
37 1900.....	172,761,287	4,145,897	4,547,961	9,251,479	2,178,106	2,287,499	3,193,819
38 Land in farms, 1920.....	580,242,049	18,346,093	13,062,450	28,788,788	4,433,074	5,762,720	9,593,494
39 1910.....	411,696,102	10,919,695	9,297,294	23,564,509	1,902,690	3,280,675	6,763,089
40 1900.....	113,137,820	2,190,425	3,381,460	6,664,350	1,569,170	1,465,660	2,117,670
41 Farm buildings, 1920.....	88,971,235	2,852,873	2,493,323	6,203,227	930,670	1,544,520	1,959,411
42 1910.....	43,880,207	1,169,896	1,206,420	3,404,895	394,920	791,645	953,735
43 1900.....	19,199,694	407,865	349,480	1,303,620	297,610	411,290	412,080
44 Implements and machinery, 1920.....	41,567,125	1,144,928	977,231	2,263,491	312,279	474,128	688,244
45 1910.....	13,205,645	434,543	331,037	813,434	83,536	157,393	256,495
46 1900.....	6,606,725	148,895	165,930	337,630	109,460	76,830	102,050
47 Live stock on farms, 1920.....	101,779,342	5,320,702	1,716,848	3,025,592	781,256	1,098,546	1,858,692
48 1910.....	59,461,828	2,717,946	1,115,585	1,942,957	306,931	436,565	866,381
49 1900.....	33,917,048	1,400,712	651,091	945,879	211,866	333,719	562,119
50 Average values, 1920:							
51 All property per farm.....	16,304	18,002	13,826	10,501	14,414	8,961	11,969
52 Land and buildings per farm.....	13,449	13,717	11,785	9,122	11,973	7,874	9,807
53 Land alone per acre.....	48.29	87.20	55.96	100.69	85.22	64.11	46.44
FARMS OPERATED BY OWNERS.							
54 Number of farms, 1920.....	39,863	1,275	1,032	3,195	387	850	914
55 1910.....	37,766	1,121	879	3,106	303	713	913
56 1900.....	28,963	691	700	2,105	341	713	679
57 Per cent of all farms, 1920.....	79.4	84.5	78.2	83.3	86.4	85.8	77.6
58 Land in farms, 1920.....	10,017,262	411,630	168,748	230,102	43,666	66,320	151,633
59 1910.....	3,331,150	127,330	72,904	93,925	11,463	16,923	29,449
60 Value of land and buildings, 1920.....	478,525,734	16,566,758	11,485,983	27,809,220	4,423,344	5,619,100	7,961,530
61 Degree of ownership, 1920:							
62 Farmers owning entire farm.....	33,300	1,155	831	2,665	365	780	808
63 Farmers hiring additional land.....	6,563	120	201	530	22	70	106
64 Color and nativity of owners, 1920:							
65 Native white owners.....	31,569	1,139	889	2,153	138	459	734
66 Foreign-born white owners.....	7,936	136	143	1,034	249	391	176
67 Negro and other nonwhite owners.....	358			8			4
FARMS OPERATED BY MANAGERS.							
68 Number of farms, 1920.....	916	15	26	40	0	10	13
69 1910.....	847	11	11	57	5	13	13
70 1900.....	608	26	2	40	12	9	9
71 Land in farms, 1920.....	837,924	24,382	13,217	6,045	681	1,560	7,158
72 1910.....	300,687	7,292	5,758	2,418	268	423	841
73 Value of land and buildings, 1920.....	36,444,760	448,780	972,745	735,600	107,000	125,000	337,600
FARMS OPERATED BY TENANTS.							
74 Number of farms, 1920.....	9,427	219	262	601	55	131	249
75 1910.....	6,859	171	208	483	61	87	202
76 1900.....	6,366	108	163	423	80	79	178
77 Per cent of all farms, 1920.....	18.8	14.5	19.8	15.7	12.3	13.2	21.1
78 Land in farms, 1920.....	2,687,132	57,132	51,462	49,763	7,670	22,009	47,774
79 1910.....	1,282,014	28,695	24,513	22,315	2,448	4,836	9,240
80 Value of land and buildings, 1920.....	160,242,790	3,683,428	3,097,045	6,387,195	833,400	1,563,140	3,253,775
81 Form of tenancy, 1920:							
82 Share tenants.....	4,176	115	107	158	7	29	58
83 Share-cash tenants.....	278	6	20	12		1	
84 Cash tenants.....	4,382	86	111	417	48	90	181
85 Unspecified.....	591	12	24	14		11	
86 Color and nativity of tenants, 1920:							
87 Native white tenants.....	8,113	208	247	457	35	98	214
88 Foreign-born white tenants.....	1,107	11	15	114	19	33	84
89 Negro and other nonwhite tenants.....	207			30	1		1

¹ Part of Union County annexed to Baker County in 1902.² Parts of Crook County taken to form Jefferson County in 1915 and Deschutes County in 1916.

WITH SELECTED ITEMS FOR 1910 AND 1900.

Crook.*	Curry.	Deschutes.*	Douglas.	Gilliam.	Grant.	Harney.	Hood River.*	Jackson.	Jefferson.*	Josephine.	Klamath.
561 1,355 576	339 292 290	751	2,275 2,124 1,641	454 432 441	725 773 697	589 443 348	878 744	1,720 1,714 1,356	572	727 855 557	962 925 453
538 23	320 19	732 19	2,192 93	446 8	708 20	571 18	847 31	1,657 63	563 9	688 39	956 36
483 78	287 44	641 109	1,987 282	413 41	628 98	504 83	691 124	1,537 172	479 88	628 99	695 118
.....	8	1	6 .....	..... .....	2	2	63	11	5.....	..........	..........
.....	2 9	5 8	3 83	1 2	..... 4	10 1	8 91	35 122	..... .....	1 37	29 3
.....	1 9	6	161 .....	..... .....	1	5	199	144 .....	..... .....	42	8
20 35	42 32	129 162	339 337	2 4	16 21	4 11	367 131	304 288	2 10	118 174	48 130
99 37	101 33	204 49	497 262	36 13	112 62	81 34	60 10	408 159	86 30	209 69	250 80
163 83	58 32	145 36	335 174	74 143	212 106	220 108	11 1	163 70	219 153	60 13	246 125
122	21	7	84	179	144	115	.....	29	66	4	63
1,877,760 551,960 571,600 783,455	1,031,580 103,057 106,772 103,236	1,961,600 144,979	3,194,240 566,305 577,428 553,168	768,640 486,941 434,277 340,460	2,892,800 750,160 445,170 316,346	6,357,120 524,678 562,204 272,877	345,600 38,075 38,049	1,788,160 312,993 207,171 294,163	1,138,560 440,926	1,047,680 97,299 121,845 96,019	3,839,360 357,333 454,340 221,554
93,957 138,354 55,734 37,970 423,093	16,655 22,916 23,149 36,053 49,749	51,744 17,997 76,238	136,553 117,115 122,907 271,414 168,358	259,002 235,006 136,258 8,942 223,997	74,729 53,045 41,222 32,450 592,951	176,934 199,271 125,549 20,689 327,055	19,664 14,264 9,541 8,870	92,310 103,238 92,103 113,443 107,161	132,812 26,147 281,967	29,537 30,969 22,139 65,804 11,968	152,742 176,564 72,239 56,782 147,799
29.6 16.9 989.2 167.5	10.0 10.2 304.0 49.1	7.4 35.7 193.0 68.9	17.7 53.2 248.9 60.0	63.4 53.2 1,072.6 570.5	25.9 10.0 1,030.4 102.6	8.2 33.7 890.8	11.0 51.6 43.4 22.4	17.5 20.6 181.9 63.7	38.7 30.1 770.8 232.2	9.3 30.4 133.8 40.6	9.3 42.7 360.2 154.0
12,418,148 14,134,843 5,000,111	4,231,944 2,345,576 1,462,628	6,535,511	27,254,874 19,170,380 7,074,723	15,334,948 10,721,357 2,677,888	13,537,120 7,054,412 3,007,760	15,800,439 11,679,664 3,728,727	13,772,850 14,408,138	23,925,383 30,617,069 5,322,236	8,042,966	7,736,030 6,301,459 1,521,030	16,105,080 12,053,776 1,992,808
8,009,102 10,027,028 2,846,440 743,935 607,832 393,680	2,926,635 1,732,755 969,300 449,505 233,215 140,410	4,425,600 696,360	19,913,486 15,109,142 4,764,020 3,175,874 1,872,695 876,080	11,336,336 8,191,720 1,488,470 1,037,631 517,025 237,120	8,010,988 4,451,261 1,220,870 1,016,965 542,033 265,930	8,973,178 9,042,100 1,457,920 969,833 490,850 262,690	10,251,577 12,937,812 2,337,620 999,484	16,751,590 26,924,672 3,614,660 3,440,195 1,922,033 693,810	5,492,150 534,160	5,685,443 5,065,780 958,200 987,394 876,570 248,950	9,590,129 9,168,541 807,780 1,696,613 688,745 241,130
496,088 378,048 117,600 3,169,023 3,031,935 1,642,391	162,850 55,873 36,010 992,894 823,733 286,908	266,457 1,148,094	1,386,095 482,049 255,180 2,779,919 1,705,594 1,178,543	970,641 444,207 153,910 1,990,340 1,568,405 848,388	491,118 206,103 110,180 4,012,058 2,455,015 1,410,780	542,672 215,336 77,340 5,404,756 4,031,378 1,930,777	841,813 303,572 341,849 287,270	1,221,124 516,867 219,880 2,512,474 1,254,097 788,886	539,569 1,477,087	405,855 181,876 70,170 657,338 377,233 243,719	848,302 350,939 98,090 3,970,036 1,843,551 845,208
22,136 15,603 14.43	12,484 9,959 28.40	8,702 6,819 30.53	11,980 10,149 35.16	33,777 27,255 23.28	18,595 12,409 10.69	26,979 16,881 17.10	15,687 14,338 269.25	13,910 11,739 53.53	14,061 10,536 12.46	10,641 9,179 58.43	16,235 11,378 26.81
510 1,267 493 90.9 527,894 85,298 7,981,607	281 254 240 82.9 76,444 11,329 2,385,490	640 85.2 123,022 43,137 4,209,200	1,838 1,806 1,267 80.8 412,460 99,348 17,174,810	300 324 396 66.1 300,105 150,621 7,621,050	647 401 619 88.9 649,910 64,515 7,634,334	521 401 317 88.5 387,789 109,581 7,297,180	671 629 76.4 28,169 13,742 8,928,110	1,360 1,442 1,047 79.1 216,911 65,475 13,742,295	289 50.5 147,146 39,759 2,161,278	576 737 477 79.2 72,115 21,589 4,897,762	834 822 381 84.1 296,993 124,868 3,711,850
406 104 437 73	250 31 237 38	587 53 536 103	1,619 219 1,581 252	222 78 266 34	514 183 555 90	430 91 443 77	600 71 525 109	1,156 204 1,202 149	283 6 230 54	518 58 489 87	692 142 571 151
.....	6	1	5 .....	..... .....	2	1	37	9	5 .....	..... .....	109
2 14 14 1,720 760 94,000	7 6 8 9,360 1,545 298,000	6 3,540 1,205 170,000	53 40 14 52,170 8,479 1,832,100	15 20 3 32,000 19,850 784,340	17 7 14 60,341 3,533 664,864	21 12 14 87,918 53,583 1,622,881	90 75 5,253 3,348 2,273,187	73 118 23 20,100 8,020 2,932,020	6 42,080 4,692 512,595	28 40 5 7,961 2,930 1,003,625	21 14 7 19,522 6,772 836,300
49 74 69 8.7 25,346 7,899 677,430	51 32 33 15.0 17,253 3,781 692,710	105 14.0 18,417 7,492 741,760	384 278 360 16.9 101,675 28,728 4,031,950	139 88 42 30.6 154,836 85,531 3,967,977	64 59 64 8.8 39,909 6,681 734,755	47 30 17 8.0 48,971 13,770 1,022,950	117 40 13.3 4,653 2,574 1,387,900	287 159 286 16.7 75,925 18,815 3,517,470	277 48.4 251,709 88,365 8,362,437	123 78 75 16.9 17,223 4,988 771,450	137 90 65 13.8 40,848 21,102 1,738,592
28 1 13 7	9 30 12	51 2 45 7	151 6 222 5	115 13 10	35 26 3	24 21 2	58 4 48 7	114 5 168	42 7 228	32 4 59 28	89 2 33 13
44 5	43 6	99 6	360 23	135 4	58 6	42 1	83 8	274 11	243 84	114 9	105 23
.....	2 .....	..... .....	1 .....	..... .....	..... .....	..... .....	26	2 .....	..... .....	..... .....	8 51

* Hood River County organized from part of Wasco County in 1908.

* Includes 484,039 acres of the Warm Springs Indian Reservation.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.
ALL FARMS.								
1	Number of farms, 1920.....	549	3,279	767	3,041	1,322	3,681	692
2	1910.....	712	2,826	961	2,751	801	3,490	614
3	1900.....	397	2,370	489	2,417	583	2,754	586
4	All farmers classified by sex, 1920:							
5	Male.....number..	527	3,163	734	2,943	1,291	3,555	673
6	Female.....number..	22	116	33	98	31	126	19
7	Color and nativity of all farmers, 1920:							
8	Native white.....number..	472	2,819	563	2,675	1,149	2,857	609
9	Foreign-born white.....number..	76	450	176	365	171	799	83
10	Negro and other nonwhite.....number..	1	1	28	1	2	25	.....
11	All farms classified by size, 1920:							
12	Under 3 acres.....number..	6	16	5	7	32	16	2
13	3 to 9 acres.....number..	2	202	22	102	68	280	6
14	10 to 19 acres.....number..	1	279	19	160	55	469	10
15	20 to 49 acres.....number..	14	568	83	452	178	859	67
16	50 to 99 acres.....number..	29	645	169	623	193	791	40
17	100 to 174 acres.....number..	112	756	291	784	253	697	37
18	175 to 259 acres.....number..	39	338	76	435	99	280	28
19	260 to 499 acres.....number..	170	320	83	371	230	229	121
20	500 to 999 acres.....number..	85	119	14	90	136	48	179
21	1,000 acres and over.....number..	91	36	5	17	83	12	202
LAND AND FARM AREA.								
22	Approximate land area, 1920.....acres..	5,068,800	2,935,680	645,120	1,445,120	6,325,120	763,520	1,296,000
23	Land in farms, 1920.....acres..	526,218	496,917	118,758	472,469	465,851	367,788	781,613
24	1910.....acres..	401,555	485,285	158,282	462,337	230,175	394,415	673,997
25	1900.....acres..	249,288	503,406	89,685	491,439	221,043	390,091	509,958
26	Improved land in farms, 1920.....acres..	183,396	172,952	19,946	258,591	129,365	214,658	290,290
27	1910.....acres..	104,419	159,127	15,238	236,033	81,901	211,087	236,029
28	1900.....acres..	95,824	140,513	8,823	216,582	91,250	199,254	144,457
29	Woodland in farms, 1920.....acres..	65,849	157,323	60,175	115,064	6,232	95,130	56,178
30	Other unimproved land in farms, 1920.....acres..	276,973	166,642	38,637	98,814	330,254	68,005	435,145
31	Per cent of land area in farms, 1920.....	10.4	16.9	18.4	32.7	7.4	48.2	60.3
32	Per cent of farm land improved, 1920.....	34.9	34.3	16.8	54.7	27.8	58.4	37.1
33	Average acreage per farm, 1920.....	953.5	151.5	154.8	155.4	352.4	99.9	1,129.5
34	Average improved acreage per farm, 1920.....	334.1	52.7	26.0	85.0	97.9	58.3	416.5
VALUE OF FARM PROPERTY.								
35	All farm property, 1920.....dollars..	13,120,328	35,648,285	4,713,222	39,795,758	29,766,131	52,081,225	21,766,888
36	1910.....dollars..	9,031,775	23,947,624	4,038,764	27,047,815	12,795,304	36,250,354	10,602,640
37	1900.....dollars..	3,416,774	8,473,807	887,678	10,758,040	5,397,497	13,389,090	3,724,409
38	Land in farms, 1920.....dollars..	8,024,864	25,733,823	3,195,774	28,312,250	17,862,674	39,438,411	15,501,164
39	1910.....dollars..	5,889,622	19,688,058	3,221,420	20,963,372	8,107,016	28,948,165	8,332,090
40	1900.....dollars..	1,324,840	5,815,290	546,910	7,516,860	2,142,850	10,180,780	1,982,331
41	Farm buildings, 1920.....dollars..	743,040	5,004,365	701,031	5,280,445	1,699,440	6,955,147	1,334,884
42	1910.....dollars..	396,685	2,332,967	358,745	2,763,405	638,543	3,658,784	565,555
43	1900.....dollars..	232,940	1,089,180	127,290	1,369,260	277,360	1,472,440	270,300
44	Implements and machinery, 1920.....dollars..	540,431	1,810,415	171,028	2,300,057	1,151,754	2,486,020	1,289,625
45	1910.....dollars..	166,125	610,480	102,274	752,094	328,489	883,676	289,720
46	1900.....dollars..	92,840	345,770	24,000	434,350	139,720	417,250	145,980
47	Live stock on farms, 1920.....dollars..	3,811,993	3,100,182	645,389	3,903,000	9,552,263	3,201,647	3,043,716
48	1910.....dollars..	2,579,433	1,916,119	356,325	2,568,044	3,691,256	2,466,729	1,792,175
49	1900.....dollars..	1,766,154	1,226,567	188,878	1,437,530	2,337,537	1,312,620	1,313,798
50	Average values, 1920:							
51	All property per farm.....dollars..	23,899	10,872	6,145	13,086	22,516	14,149	31,459
52	Land and buildings per farm.....dollars..	15,971	9,374	5,081	11,047	14,419	12,604	24,330
53	Land alone per acre.....dollars..	15.25	51.79	26.91	59.92	37.27	107.23	19.83
FARMS OPERATED BY OWNERS.								
54	Number of farms, 1920.....	492	2,657	645	2,263	1,075	2,901	571
55	1910.....	657	2,350	884	2,154	688	2,819	503
56	1900.....	329	1,963	440	1,783	506	2,097	526
57	Per cent of all farms, 1920.....	89.6	81.0	84.1	74.4	81.3	78.8	82.5
58	Land in farms, 1920.....acres..	344,492	384,615	97,231	333,238	383,407	260,560	629,805
59	Improved land in farms, 1920.....acres..	99,416	126,851	15,531	170,126	101,218	150,059	223,281
60	Value of land and buildings, 1920.....dollars..	6,798,024	22,676,466	3,058,405	23,349,810	13,985,214	33,753,925	13,683,815
61	Degree of ownership, 1920:							
62	Farmers owning entire farm.....number..	377	2,177	583	1,778	990	2,379	459
63	Farmers hiring additional land.....number..	115	480	62	490	76	822	112
64	Color and nativity of owners, 1920:							
65	Native white owners.....number..	422	2,240	456	1,954	924	2,189	493
66	Foreign-born white owners.....number..	69	416	161	309	150	702	78
67	Negro and other nonwhite owners.....number..	1	1	28	.....	1	10	.....
FARMS OPERATED BY MANAGERS.								
68	Number of farms, 1920.....	11	33	7	17	34	83	8
69	1910.....	9	30	1	14	26	48	15
70	1900.....	21	19	1	17	25	59	6
71	Land in farms, 1920.....acres..	89,755	11,293	2,076	4,383	38,758	20,876	5,780
72	Improved land in farms, 1920.....acres..	74,320	5,099	1,042	2,773	7,655	11,093	2,013
73	Value of land and buildings, 1920.....dollars..	742,800	983,200	95,000	344,540	1,650,100	3,321,775	142,780
FARMS OPERATED BY TENANTS.								
74	Number of farms, 1920.....	46	589	115	761	213	697	113
75	1910.....	46	446	76	583	87	623	96
76	1900.....	47	388	48	617	52	598	54
77	Per cent of all farms, 1920.....	8.4	18.0	15.0	25.0	16.1	18.9	16.3
78	Land in farms, 1920.....acres..	91,971	101,009	19,451	134,848	43,686	86,352	146,028
79	Improved land in farms, 1920.....acres..	9,660	41,002	3,373	85,692	20,492	53,501	64,991
80	Value of land and buildings, 1920.....dollars..	1,227,080	7,179,022	743,400	9,898,345	3,426,800	9,817,858	3,000,453
81	Form of tenancy, 1920:							
82	Share tenants.....number..	25	259	31	316	142	391	92
83	Share-cash tenants.....number..	2	25	1	43	1	25	3
84	Cash tenants.....number..	13	304	81	360	48	281	9
85	Unspecified.....number..	6	1	2	42	22	.....	9
86	Color and nativity of tenants, 1920:							
87	Native white tenants.....number..	41	549	102	706	193	596	108
88	Foreign-born white tenants.....number..	5	40	13	54	19	88	5
89	Negro and other nonwhite tenants.....number..	.....	.....	.....	1	1	13	.....

1 Part of Union County annexed to Baker County in 1920.

AGRICULTURE—OREGON.

61

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Multnomah.	Polk.	Sherman.	Tillamook.	Umatilla.	Union. ¹	Wallowa.	Wasco. ²	Washington.	Wheeler.	Yamhill.	Indian res.
1,828	1,761	460	797	2,353	1,279	1,149	1,339	3,090	359	2,592	1
1,478	1,587	466	651	2,005	1,309	1,058	1,331	2,871	387	2,218	2
1,276	1,192	545	631	1,593	1,481	803	1,351	2,302	390	1,595	3
1,750	1,717	451	767	2,295	1,240	1,130	1,204	2,995	348	2,497	4
72	44	9	30	58	39	19	45	95	11	95	5
1,066	1,468	416	586	2,057	1,160	1,082	1,085	2,128	345	2,109	6
655	284	44	210	284	119	68	176	948	14	452	7
107	9	1	1	12	1	1	78	14	14	31	8
108	6	-----	7	24	5	4	7	17	-----	11	9
426	103	4	25	219	69	10	40	340	-----	284	10
378	150	3	50	263	90	19	43	375	-----	313	11
449	349	3	152	386	119	57	98	889	7	614	12
242	337	9	198	221	121	62	96	747	11	482	13
116	368	17	235	211	209	277	238	470	48	467	14
38	199	10	68	124	143	113	105	145	21	210	15
43	189	87	51	309	267	336	379	90	82	161	16
20	51	186	11	317	170	180	213	16	89	45	17
8	9	141	-----	279	86	91	120	1	101	5	18
277,760	453,760	535,040	720,000	2,049,920	1,284,480	2,028,180	1,499,520	467,840	1,090,500	456,960	19
100,495	239,621	498,001	91,827	1,075,400	441,735	524,029	728,226	228,406	485,178	256,184	20
86,262	260,367	372,536	94,493	1,050,258	895,769	354,732	543,764	240,328	415,576	274,260	21
102,926	256,847	302,482	101,912	703,852	301,299	193,255	431,000	251,588	280,754	284,385	22
46,148	137,049	284,126	26,663	621,660	178,021	141,404	213,553	121,325	40,104	139,025	23
36,011	137,162	273,918	30,460	544,513	165,499	86,049	171,051	107,919	53,396	136,463	24
34,196	127,072	198,285	26,940	382,763	162,495	55,131	115,059	92,512	32,058	134,822	25
23,653	75,002	1,387	40,491	90,490	83,975	78,765	69,641	65,439	58,360	73,025	26
30,694	26,670	122,488	24,673	363,250	179,739	303,860	446,032	26,042	386,705	44,134	27
36.2	52.8	76.3	12.8	52.5	34.4	25.8	48.6	47.8	44.5	56.1	28
45.9	57.6	69.6	29.0	57.8	40.3	27.0	29.3	54.3	8.3	54.3	29
55.0	136.1	887.0	115.2	457.0	345.4	456.1	543.9	72.3	1,351.5	98.8	30
25.2	78.3	617.7	33.5	264.2	130.2	123.1	159.5	39.3	111.7	53.6	31
28,908,385	28,661,564	23,832,556	12,081,962	88,011,425	28,168,416	23,643,686	25,192,917	36,371,724	9,262,962	34,611,926	32
23,227,688	17,602,029	11,460,534	7,721,789	39,876,434	16,999,077	11,319,248	15,669,186	28,816,033	5,875,825	23,416,123	33
8,422,825	6,777,753	3,591,040	2,093,762	12,884,927	8,587,507	2,776,356	5,103,542	7,112,422	2,087,748	8,218,547	34
22,149,525	21,738,848	19,111,345	8,531,518	71,048,943	21,090,007	15,578,911	18,047,766	28,425,947	5,600,311	25,421,605	35
19,720,164	14,080,988	9,364,425	0,224,273	32,831,582	13,254,762	7,165,046	12,066,213	23,349,581	3,790,554	19,030,008	36
6,642,490	4,977,240	2,468,750	1,329,080	9,301,870	5,884,100	1,283,305	3,019,650	4,993,820	993,506	5,989,550	37
3,934,317	2,617,460	1,470,083	1,466,135	5,527,901	2,030,045	2,159,500	2,308,384	5,799,920	599,985	4,807,484	38
2,240,514	1,701,975	607,700	689,675	2,169,455	1,344,311	766,255	1,149,642	3,060,043	321,010	2,258,540	39
1,022,720	808,310	348,110	299,490	1,110,840	863,870	308,060	712,190	989,010	180,974	1,009,720	40
1,162,366	1,501,489	1,724,349	504,514	4,819,431	1,488,298	1,112,743	1,520,647	2,103,447	417,025	1,921,601	41
333,136	433,502	357,246	149,178	1,110,578	453,926	338,406	483,692	653,776	137,227	494,112	42
200,600	250,220	253,020	70,640	652,320	307,980	121,160	245,420	293,010	66,090	315,670	43
1,062,177	1,803,767	1,520,779	1,579,785	6,515,150	2,690,066	4,705,532	3,307,090	3,042,410	2,646,641	2,401,226	44
933,874	1,385,564	1,131,163	678,763	3,768,819	1,941,078	3,049,541	1,069,839	1,747,033	1,676,134	1,633,465	45
557,015	741,983	531,100	377,652	1,919,897	1,471,587	1,062,831	1,123,282	836,582	847,178	840,007	46
15,814	16,276	51,810	15,159	37,404	22,024	20,578	18,815	12,742	25,802	13,353	47
14,209	14,399	44,755	12,644	32,799	18,757	15,436	15,203	11,076	17,271	11,686	48
220.40	90.72	46.84	92.91	66.62	47.68	29.73	24.78	127.24	11.59	69.23	49
1,216	1,374	255	625	1,739	1,031	918	1,098	2,501	333	2,040	50
1,063	1,193	275	538	1,583	1,089	928	1,122	2,406	348	1,772	51
835	842	464	685	1,808	1,221	700	1,154	1,843	358	1,233	52
66.5	78.0	55.4	78.4	73.9	80.6	70.9	82.0	80.9	92.8	79.1	53
56,110	161,441	223,187	68,404	737,499	350,137	400,972	548,734	161,785	397,439	174,130	54
28,124	92,446	152,673	18,905	365,711	131,653	104,820	154,139	89,172	34,610	94,185	55
13,624,626	17,587,521	11,911,803	7,210,153	46,620,033	18,055,740	13,205,417	13,881,309	25,940,582	5,161,646	21,454,795	56
991	1,137	144	559	1,340	836	767	882	2,016	207	1,703	57
225	237	111	66	399	195	151	216	485	26	346	58
760	1,124	232	442	1,491	920	856	880	1,663	210	1,620	59
448	242	23	182	238	111	61	148	833	14	402	60
8	8	-----	1	10	-----	1	70	5	-----	27	61
23	47	4	6	44	12	12	35	40	6	43	62
30	20	4	6	20	18	12	35	38	7	53	63
21	11	2	5	39	15	5	23	17	3	14	64
2,064	10,182	14,056	725	20,416	9,741	84,505	72,078	5,509	81,340	10,369	65
905	7,115	4,270	354	19,939	2,804	3,891	13,283	3,705	3,176	5,978	66
731,700	1,626,875	270,580	89,000	3,378,797	683,675	557,425	2,525,200	1,000,847	802,600	1,714,229	67
589	340	201	166	570	236	219	206	549	20	500	68
385	395	187	107	402	202	118	174	427	32	393	69
420	339	89	41	251	245	98	174	442	29	348	70
32.2	10.3	43.7	20.8	18.5	18.5	19.1	15.4	17.8	5.6	10.3	71
42,321	67,998	170,758	22,688	308,485	81,857	88,552	107,414	53,112	16,350	71,685	72
17,119	38,388	127,183	7,404	236,010	43,564	33,193	46,131	28,448	2,318	38,862	73
11,727,517	6,141,912	8,405,045	2,698,500	27,178,014	5,250,637	3,942,569	3,946,671	7,278,488	236,060	7,120,065	74
137	180	180	77	375	136	141	144	96	12	220	75
7	17	9	-----	26	6	5	4	19	-----	21	76
417	112	12	86	169	83	64	51	433	8	224	77
28	31	-----	3	-----	11	9	7	1	-----	35	78
290	302	180	139	524	228	215	174	434	20	452	79
201	37	21	27	45	8	4	24	106	-----	45	80
98	1	-----	-----	1	-----	-----	8	9	-----	3	81

¹ Part of Wasco County taken to form Hood River County in 1908.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.	
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....	number.....	47,008	1,444	1,255	3,649	414	923	1,118
2	Value of all domestic animals.....	dollars.....	98,457,779	5,256,725	1,569,382	2,720,218	750,743	1,042,644	1,800,355
Horses:									
3	Total number.....		271,559	13,185	4,497	8,409	747	1,884	2,767
4	Colts under 1 year of age.....		23,464	1,784	153	179	21	46	67
5	Colts 1 year old and under 2 years.....		24,393	1,617	205	245	20	64	71
6	Mares 2 years old and over.....		119,500	5,527	2,235	3,882	349	883	1,320
7	Geldings 2 years old and over.....		102,113	4,143	1,870	4,075	343	883	1,292
8	Stallions 2 years old and over.....		2,089	114	84	28	14	8	3
9	Total value.....	dollars.....	19,225,842	783,307	419,046	815,428	81,210	189,762	261,624
Mules:									
10	Total number.....		14,375	287	56	148	5	28	49
11	Mule colts under 1 year of age.....		1,649	66	7	8	1	1	3
12	Mule colts 1 year old and under 2 years.....		1,555	74	6	15	3	1	3
13	Mules 2 years old and over.....		11,171	147	43	125	2	27	46
14	Total value.....	dollars.....	1,589,552	20,662	5,330	14,550	350	2,965	3,807
Asses and burros:									
15	Total number.....		737	20	1	6	2	2	12
16	Total value.....	dollars.....	150,692	6,705	500	145	105	30	730
Cattle:									
17	Total number.....		851,108	57,348	10,694	19,468	8,553	9,737	21,704
18	Total value.....	dollars.....	47,818,486	3,010,870	679,265	1,301,727	615,765	747,709	1,371,402
Beef cattle—									
19	Total number.....		570,697	48,528	2,630	3,178	3,077	2,010	5,549
20	Calves under 1 year of age.....		134,748	11,993	562	644	459	385	1,889
21	Heifers 1 year old and under 2 years.....		72,193	6,229	325	391	313	192	593
22	Cows and heifers 2 years old and over.....		225,708	18,215	1,029	1,243	1,987	636	1,584
23	Steers 1 year old and under 2 years.....		66,380	6,117	241	400	45	139	829
24	Steers 2 years old and over.....		61,113	4,609	402	402	203	595	1,040
25	Bulls 1 year old and over.....		10,555	1,365	71	98	70	72	104
26	Total value.....	dollars.....	29,427,505	2,495,075	181,411	185,984	198,074	130,462	263,111
Dairy cattle—									
27	Total number.....		280,411	8,820	8,064	16,290	5,476	7,718	16,155
28	Calves under 1 year of age.....		57,840	2,149	1,669	2,317	946	1,513	2,997
29	Heifers 1 year old and under 2 years.....		36,011	1,025	1,017	2,368	646	1,040	2,031
30	Cows and heifers 2 years old and over.....		180,462	5,474	5,171	11,237	3,709	4,951	10,746
31	Bulls 1 year old and over.....		6,098	172	207	368	175	208	381
32	Total value.....	dollars.....	18,390,981	515,795	497,854	1,115,743	417,691	617,257	1,108,291
Sheep:									
33	Total number.....		2,002,378	104,256	20,998	16,780	744	2,207	5,695
34	Lambs under 1 year of age.....		551,313	27,112	4,233	3,445	261	461	1,515
35	Ewes 1 year old and over.....		1,302,142	73,997	15,914	12,478	396	1,585	3,660
36	Rams 1 year old and over.....		32,941	1,552	765	537	12	96	157
37	Wethers 1 year old and over.....		115,982	1,594	89	320	75	65	263
38	Total value.....	dollars.....	24,423,544	1,323,905	300,621	191,219	8,736	23,079	50,098
Goats:									
39	Total number.....		133,685	31	8,232	6,274	108	99	1,381
40	Kids under 1 year of age, raised for fleeces.....		25,867	1,394	1,336	1,336	27	22	187
41	Goats 1 year old and over, raised for fleeces.....		99,699	18	6,299	4,538	63	44	734
42	All other goats.....		8,119	13	39	400	18	33	460
43	Total value.....	dollars.....	585,456	232	34,108	20,623	304	611	7,066
Swine:									
44	Total number.....		266,778	7,515	7,198	20,291	2,118	3,802	5,925
45	Pigs under 6 months old.....		140,656	3,671	3,985	11,934	1,151	2,146	3,285
46	Sows and gilts for breeding, 6 months old and over.....		38,472	1,166	1,124	3,079	519	545	808
47	Boars for breeding, 6 months old and over.....		4,219	127	140	349	62	94	127
48	All other hogs, 6 months old and over.....		83,481	2,551	1,949	4,929	386	1,017	1,705
49	Total value.....	dollars.....	4,664,307	111,044	131,012	376,526	44,183	77,888	99,628
POULTRY AND BEES: 1920.									
50	Chickens.....	number.....	2,500,123	53,332	98,570	227,794	20,725	37,696	40,181
51	Other poultry.....	number.....	73,413	1,848	1,818	3,607	441	883	1,630
52	Value of all poultry.....	dollars.....	3,058,515	51,254	143,406	292,050	26,280	45,323	48,152
53	Bees.....	number of hives.....	45,264	2,000	621	3,062	535	1,676	2,133
54	Total value.....	dollars.....	263,048	12,723	3,560	13,324	4,233	10,579	10,186
LIVE-STOCK PRODUCTS: 1919.									
Dairy products:									
55	Milk produced (as reported).....	gallons.....	79,641,946	2,163,294	1,975,357	4,944,856	1,571,439	2,302,389	4,808,225
56	Milk sold.....	gallons.....	22,878,290	397,277	230,243	943,599	801,918	1,099,721	1,196,556
57	Cream sold.....	gallons.....	1,106,341	68,373	5,459	27,755	47,531	37,109	63,614
58	Butter fat sold.....	pounds.....	10,835,785	204,761	464,998	884,973	172,301	270,924	1,226,940
59	Butter made on farms.....	pounds.....	4,177,628	134,622	114,470	380,049	37,308	84,461	88,801
60	Butter sold.....	pounds.....	1,145,803	36,495	19,718	100,546	13,843	39,241	28,727
61	Cheese made on farms.....	pounds.....	43,898	93	524	5,248	25	1,030	1,030
62	Value of dairy products ¹	dollars.....	17,651,409	414,332	427,716	1,070,894	400,728	548,332	1,289,775
63	Receipts from sale of dairy products.....	dollars.....	15,916,507	358,497	371,727	916,373	386,135	517,879	1,258,010
64	Average production of milk per dairy cow.....	gallons.....	489	404	431	524	504	683	566
Eggs and chickens:									
65	Eggs produced (as reported).....	dozens.....	13,353,471	239,541	574,843	1,277,201	110,003	187,941	193,266
66	Eggs sold.....	dozens.....	8,426,715	80,069	444,952	916,347	79,727	109,885	97,603
67	Chickens raised (as reported).....	number.....	2,471,143	60,895	95,571	212,079	15,525	36,404	32,325
68	Chickens sold.....	number.....	909,249	17,268	95,054	98,964	7,694	18,758	10,020
69	Value of chickens and eggs produced.....	dollars.....	7,938,086	160,541	514,039	761,464	66,786	124,855	120,568
70	Receipts from sale of chickens and eggs.....	dollars.....	4,474,379	47,615	228,863	503,990	43,816	66,216	55,247
Honey and wax:									
71	Honey produced.....	pounds.....	929,566	62,290	7,479	39,182	17,480	35,495	23,353
72	Wax produced.....	pounds.....	11,436	487	62	382	181	640	124
73	Value of honey and wax.....	dollars.....	245,916	16,375	1,968	10,328	4,612	9,466	6,118
Wool and mohair:									
74	Sheep shorn.....	number.....	1,544,443	109,113	17,193	13,154	709	1,669	5,423
75	Wool produced (as reported).....	pounds.....	13,118,479	792,404	143,899	110,026	4,632	13,333	38,284
76	Value.....	dollars.....	6,598,979	355,948	74,915	56,170	1,903	6,213	17,681
77	Goats shorn.....	number.....	95,519	18	6,643	4,578	33	63	845
78	Mohair produced (as reported).....	pounds.....	380,675	67	26,948	17,532	129	204	3,075
79	Value.....	dollars.....	211,378	32	15,655	8,792	70	116	1,580

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

1920; AND LIVE STOCK PRODUCTS, 1919.

Crook.	Curry.	Deschutes.	Douglas.	Gilliam.	Grant.	Harney.	Hood River.	Jackson.	Jefferson.	Josephine.	Klamath.	
529	327	043	2,158	446	715	555	753	1,557	544	050	931	1
3,140,207	681,685	1,116,197	2,598,198	1,963,405	3,987,858	5,392,549	312,335	2,423,290	1,451,670	621,430	3,928,348	2
9,636	858	3,378	0,432	7,777	11,198	15,500	1,344	5,248	5,221	1,560	10,250	3
1,220	24	348	189	796	1,510	1,977	19	242	464	47	1,883	4
1,218	30	313	202	820	1,495	2,128	9	255	487	46	1,050	5
4,117	406	1,467	3,243	3,359	4,714	6,553	464	2,342	2,254	742	4,379	6
2,970	383	1,219	2,679	2,742	3,379	4,018	850	2,380	1,986	716	3,848	7
111	15	31	29	60	100	224	2	29	30	9	90	8
416,122	75,028	214,719	526,018	501,371	389,747	597,409	134,022	417,125	335,878	135,171	753,901	9
200	40	103	195	840	368	750	26	306	315	96	366	10
43	-----	8	10	135	74	54	-----	19	44	-----	48	11
28	-----	7	24	65	60	111	5	25	37	9	66	12
129	46	88	161	640	234	585	21	262	234	87	252	13
14,110	3,045	8,953	18,373	76,042	31,599	66,159	2,705	30,360	27,260	9,756	29,660	14
6	23	6	23	44	33	45	12	87	30	50	32	15
2,000	533	275	1,085	16,510	13,450	9,785	180	1,365	13,067	1,201	3,826	16
36,249	7,772	11,616	20,983	7,027	52,167	68,756	1,929	31,965	15,224	9,093	36,679	17
2,150,797	440,764	663,719	965,018	375,514	2,584,066	3,376,796	133,681	1,544,220	792,455	381,348	2,053,614	18
34,401	3,607	8,419	11,051	5,443	50,549	67,474	118	25,661	12,989	4,813	32,288	19
8,704	911	1,907	2,733	1,310	12,883	13,074	35	6,167	2,348	1,292	6,764	20
3,704	470	986	1,389	622	6,098	9,868	23	3,204	1,248	690	3,745	21
18,826	1,180	3,292	4,371	2,184	18,877	35,708	40	10,278	4,079	1,763	11,696	22
4,247	578	835	991	586	6,596	3,838	13	2,999	2,104	639	5,431	23
3,305	436	1,259	1,335	599	5,318	4,036	4	2,657	3,043	333	4,273	24
615	92	140	232	94	777	950	8	366	167	96	379	25
2,040,029	161,249	468,587	457,795	290,431	2,499,934	3,305,018	5,447	1,192,402	673,904	177,480	1,768,022	26
1,848	4,105	3,197	9,932	1,584	1,618	1,282	1,811	6,304	2,235	4,280	4,391	27
553	748	854	2,102	466	535	400	401	1,675	620	533	1,221	28
182	484	400	1,162	161	141	122	267	777	264	476	515	29
1,074	2,788	1,889	6,452	925	920	746	1,120	3,765	1,315	2,916	2,585	30
34	85	54	216	32	22	14	23	87	36	55	70	31
110,768	279,515	105,132	507,223	85,083	84,122	71,778	128,184	351,818	118,551	203,868	285,592	32
50,908	11,154	13,192	76,874	83,018	84,580	113,463	228	20,267	22,121	2,325	96,642	33
14,935	3,024	2,163	10,403	25,120	27,379	35,978	37	4,557	6,456	778	28,925	34
34,418	7,290	10,604	49,787	44,242	64,560	65,122	170	14,255	13,734	1,389	65,118	35
686	179	253	1,457	568	1,754	1,199	6	339	1,211	85	2,026	36
899	721	172	6,167	13,688	897	11,164	6	1,116	720	73	573	37
540,986	91,286	109,841	776,028	933,333	937,602	1,319,404	2,488	218,784	245,839	24,229	1,021,935	38
136	2,002	2,233	32,887	69	90	6	107	7,645	101	1,223	378	39
-----	314	400	6,533	10	18	-----	9	1,905	-----	360	64	40
132	1,280	1,803	24,965	50	33	1	16	5,463	101	820	289	41
4	408	30	1,389	9	39	5	82	277	-----	43	25	42
955	10,211	20,263	131,029	505	460	100	1,137	35,603	560	6,163	2,625	43
1,178	3,808	1,774	12,128	3,517	2,839	1,389	1,660	11,827	2,019	3,932	4,151	44
676	1,475	899	6,053	1,428	1,569	927	927	6,106	1,050	2,019	2,056	45
186	586	286	1,837	402	362	185	199	1,570	258	538	632	46
23	60	31	213	40	39	48	22	142	28	60	70	47
293	1,687	558	3,425	1,548	860	638	512	4,009	683	1,315	1,384	48
21,237	60,818	38,427	180,047	60,130	30,974	22,896	37,272	175,833	36,611	63,562	62,787	49
16,055	8,229	20,876	116,880	24,090	19,946	12,251	22,136	72,232	22,646	29,769	35,267	50
1,007	395	913	10,753	1,845	1,551	578	316	2,556	1,008	1,630	1,292	51
19,394	8,409	27,099	172,759	26,403	21,167	11,953	27,293	84,140	24,812	33,405	39,569	52
426	537	572	2,199	86	633	49	223	1,168	114	599	277	53
3,422	2,800	4,798	8,962	532	3,083	254	2,221	5,044	605	2,503	2,119	54
417,314	1,156,208	1,070,243	2,260,199	287,739	559,912	271,605	599,389	1,653,131	504,355	640,795	1,054,020	55
1,413	798,910	128,101	105,329	9,719	9,563	2,075	52,677	253,846	17,966	55,174	105,283	56
16,624	2,386	7,612	43,785	1,585	2,478	1,757	12,446	36,322	11,161	5,240	30,092	57
20,454	27,221	206,208	383,927	9,646	45,071	2,624	32,832	232,440	37,699	124,431	129,251	58
54,952	88,575	52,506	227,615	41,490	50,287	42,611	66,829	98,015	50,030	61,418	65,102	59
11,985	62,913	25,099	58,557	9,352	6,531	11,159	14,093	24,222	8,326	16,985	17,929	60
495	-----	340	505	150	90	20	1,353	390	-----	70	374	61
62,061	294,127	198,940	443,159	34,519	61,654	33,372	104,500	343,671	78,472	151,243	197,457	62
37,384	280,160	182,623	359,978	17,092	38,795	12,898	60,733	291,150	58,485	125,432	168,067	63
431	485	563	428	265	298	250	561	447	387	249	382	64
75,742	39,023	125,777	527,945	108,925	83,402	68,335	125,400	415,228	126,213	119,454	198,211	65
25,485	10,825	73,916	335,933	33,679	19,780	12,873	47,699	283,170	64,141	65,794	93,706	66
13,540	0,393	15,051	113,167	24,984	18,292	9,401	21,745	101,030	24,093	28,801	37,512	67
3,514	1,087	5,256	43,769	6,421	4,144	2,004	5,226	25,704	5,367	9,602	11,288	68
46,079	23,270	77,435	315,666	61,379	53,650	37,050	86,301	273,405	73,316	73,830	123,600	69
14,743	5,475	41,703	178,314	17,214	12,584	7,177	20,702	143,989	30,590	35,590	52,300	70
8,011	9,635	11,062	19,147	1,308	5,929	780	3,170	23,171	525	4,793	9,640	71
41	250	34	7	55	82	-----	25	601	6	-----	-----	72
2,098	2,598	2,889	4,981	360	1,572	203	883	6,246	139	1,313	2,506	73
37,806	14,691	11,990	59,719	52,186	73,028	97,111	72	15,220	16,917	1,875	58,968	74
312,491	99,212	90,656	393,308	493,384	708,935	844,090	592	117,017	191,185	12,253	567,516	75
150,950	48,165	40,690	210,057	265,901	359,006	433,310	257	61,873	89,421	5,820	300,344	76
92	1,670	1,506	22,550	60	36	1	15	6,458	101	599	209	77
225	6,491	6,446	86,955	252	182	6	47	21,977	382	2,625	723	78
198	3,433	5,389	49,655	104	76	3	21	11,171	108	1,269	315	79

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.
DOMESTIC ANIMALS: 1920.								
1	Farms reporting domestic animals.....	number	510	3,104	705	2,964	1,248	3,439
2	Value of all domestic animals.....	dollars	3,798,893	2,847,526	621,479	3,631,283	9,454,841	2,920,393
Horses:								
3	Total number.....	7,068	8,683	1,479	11,640	21,908	10,073	8,644
4	Colts under 1 year of age.....	877	220	53	618	3,103	293	899
5	Colts 1 year old and under 2 years.....	897	358	57	734	3,126	424	837
6	Mares 2 years old and over.....	3,118	3,940	667	5,739	8,738	4,802	3,044
7	Geldings 2 years old and over.....	2,100	4,127	695	4,508	6,640	4,533	3,222
8	Stallions 2 years old and over.....	76	88	17	41	301	21	42
9	Total value.....	dollars	369,451	672,268	110,938	924,407	1,009,631	943,291
Mules:								
10	Total number.....	619	216	23	170	832	185	1,614
11	Mule colts under 1 year of age.....	127	4	3	5	199	9	158
12	Mule colts 1 year old and under 2 years.....	150	25	2	23	147	143	143
13	Mules 2 years old and over.....	342	187	18	137	486	153	1,313
14	Total value.....	dollars	38,268	17,782	2,170	15,978	64,286	17,935
Asses and burros:								
15	Total number.....	46	9	4	9	82	9	78
16	Total value.....	dollars	4,730	395	100	114	13,911	190
Cattle:								
17	Total number.....	41,685	27,974	8,526	28,860	62,265	21,876	13,388
18	Total value.....	dollars	1,994,885	1,443,081	398,123	1,697,325	3,078,436	1,276,705
Beef cattle—								
19	Total number.....	38,655	10,541	2,758	8,403	57,836	2,040	10,763
20	Calves under 1 year of age.....	9,430	2,510	769	1,664	13,776	741	2,651
21	Heifers 1 year old and under 2 years.....	5,555	1,207	437	915	7,447	497	1,813
22	Cows and heifers 2 years old and over.....	10,015	4,205	982	2,901	23,375	1,157	3,693
23	Steers 1 year old and under 2 years.....	4,714	839	255	847	6,213	291	1,583
24	Steers 2 years old and over.....	1,884	1,501	231	1,893	6,209	172	1,415
25	Bulls 1 year old and over.....	1,057	279	84	183	816	91	158
26	Total value.....	dollars	1,827,244	507,835	110,340	451,423	2,814,319	136,396
Dairy cattle—								
27	Total number.....	3,030	17,433	5,768	20,457	4,429	18,427	2,625
28	Calves under 1 year of age.....	920	3,711	1,183	3,871	1,247	3,202	737
29	Heifers 1 year old and under 2 years.....	341	2,211	815	2,705	616	2,572	317
30	Cows and heifers 2 years old and over.....	1,675	11,127	3,627	13,399	2,504	12,251	1,527
31	Bulls 1 year old and over.....	94	384	138	482	62	402	44
32	Total value.....	dollars	167,641	935,196	287,782	1,245,902	264,117	1,139,309
Sheep:								
33	Total number.....	108,046	24,939	3,682	46,084	403,685	23,503	109,214
34	Lambs under 1 year of age.....	22,929	5,401	839	9,943	104,386	4,933	56,584
35	Ewes 1 year old and over.....	82,318	18,377	2,568	34,388	246,849	17,482	101,481
36	Rams 1 year old and over.....	1,931	671	96	1,120	5,252	692	1,767
37	Wethers 1 year old and over.....	868	490	179	633	47,198	399	9,382
38	Total value.....	dollars	1,358,486	314,091	40,376	594,245	5,205,979	268,747
Goats:								
39	Total number.....	649	17,607	6,532	10,962	72	8,162	22
40	Kids under 1 year of age, raised for fleeces.....	5	2,856	1,097	2,311	-----	1,862	2
41	Goats 1 year old and over, raised for fleeces.....	14	12,674	5,423	8,462	10	6,288	-----
42	All other goats.....	630	2,077	12	189	62	532	20
43	Total value.....	dollars	4,019	76,491	28,700	40,483	842	31,041
Swine:								
44	Total number.....	1,828	16,703	2,425	21,176	4,469	21,794	3,961
45	Pigs under 6 months old.....	1,001	9,591	1,333	12,420	2,110	12,276	2,071
46	Sows and gilts for breeding, 6 months old and over.....	367	2,526	372	3,151	819	2,901	524
47	Boars for breeding, 6 months old and over.....	39	269	61	315	82	310	40
48	All other hogs, 6 months old and over.....	421	4,317	659	5,290	1,449	6,301	1,320
49	Total value.....	dollars	29,044	323,468	41,073	358,671	81,856	389,424
POULTRY AND BEES: 1920.								
50	Chickens.....	number	12,182	189,028	15,482	220,023	47,307	231,030
51	Other poultry.....	number	506	3,495	491	5,466	2,192	3,633
52	Value of all poultry.....	dollars	13,080	240,807	18,591	262,269	54,466	269,498
53	Bees.....	number of hives	4	2,710	1,141	1,649	4,674	3,124
54	Total value.....	dollars	20	11,849	5,319	9,454	42,956	15,756
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
55	Milk produced (as reported).....	gallons	522,730	4,518,761	1,137,019	5,122,127	961,207	5,186,091
56	Milk sold.....	gallons	6,487	359,628	69,285	723,984	40,073	835,713
57	Cream sold.....	gallons	11,997	62,632	27,878	103,632	10,755	69,314
58	Butter fat sold.....	pounds	75,496	788,354	265,785	896,703	91,507	839,807
59	Butter made on farms.....	pounds	38,394	313,762	53,745	251,630	111,154	270,839
60	Butter sold.....	pounds	13,956	86,009	7,784	29,309	23,488	65,981
61	Cheese made on farms.....	pounds	186	465	-----	798	112	525
62	Value of dairy products.....	dollars	84,998	899,701	255,411	988,400	165,471	1,014,601
63	Receipts from sale of dairy products.....	dollars	72,543	767,180	229,213	893,672	120,794	903,656
64	Average production of milk per dairy cow.....	gallons	277	453	418	405	481	474
Eggs and chickens:								
65	Eggs produced (as reported).....	dozens	57,964	937,538	77,614	1,184,601	242,149	1,235,645
66	Eggs sold.....	dozens	11,758	691,168	35,393	938,735	89,791	899,809
67	Chickens raised (as reported).....	number	10,434	186,022	10,130	184,642	53,122	278,529
68	Chickens sold.....	number	2,355	77,492	3,292	88,769	12,420	75,208
69	Value of chickens and eggs produced.....	dollars	37,121	563,824	44,955	648,627	148,450	769,722
70	Receipts from sale of chickens and eggs.....	dollars	7,740	363,881	19,350	472,767	48,707	452,853
Honey and wax:								
71	Honey produced.....	pounds	144	41,793	19,857	20,955	41,285	15,522
72	Wax produced.....	pounds	-----	287	227	173	4,248	211
73	Value of honey and wax.....	dollars	37	10,972	5,247	5,390	55,640	10,849
Wool and mohair:								
74	Sheep shorn.....	number	85,685	15,881	2,841	34,739	275,082	18,079
75	Wool produced (as reported).....	pounds	692,592	129,032	22,192	277,910	1,830,835	146,127
76	Value.....	dollars	384,872	65,912	9,854	141,913	938,815	73,694
77	Goats shorn.....	number	12	12,128	5,094	8,520	37	5,993
78	Mohair produced (as reported).....	pounds	65	53,467	22,494	34,501	186	25,253
79	Value.....	dollars	33	28,934	13,529	19,506	85	13,517

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

1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Multnomah.	Polk.	Sherman.	Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washington.	Wheeler.	Yamhill.	
1,517	1,599	453	762	2,214	1,211	1,117	1,269	2,906	351	2,368	1
1,509,628	1,683,307	1,490,704	1,548,422	6,359,004	2,628,517	4,751,139	3,237,091	2,787,963	2,628,215	2,192,600	2
2,644	6,027	8,098	1,296	18,181	11,415	13,103	10,906	7,006	5,828	7,069	3
57	139	750	15	1,470	1,244	1,599	1,103	77	743	230	4
57	235	921	22	1,427	1,511	1,037	1,037	175	730	357	5
1,039	2,913	3,852	655	7,509	5,073	5,806	4,513	3,078	2,603	3,511	6
1,461	2,716	3,143	598	7,608	3,801	3,955	4,103	3,049	1,715	2,953	7
30	24	32	6	107	114	142	80	27	87	18	8
222,512	535,977	884,211	105,452	1,478,600	893,818	878,878	819,423	675,436	315,623	665,936	9
58	105	435	15	4,294	129	605	546	180	57	102	10
2	17	87	4	299	12	164	29	6	8	7	11
56	30	15	11	246	21	96	50	27	3	4	12
4,447	10,568	52,772	1,331	3,749	96	345	467	148	46	91	13
30	1	17	33	636,439	11,955	72,746	63,797	18,800	3,937	12,115	14
1,015	1,000	13,110	11,275	33	4	23	5	3	3	15	15
13,673	10,687	4,663	14,650	33,217	22,067	42,232	21,397	22,890	18,525	16,069	17
1,128,056	688,067	268,756	1,368,673	1,866,141	1,256,337	2,314,961	1,261,584	1,810,434	1,064,433	1,080,922	18
782	1,392	2,695	259	24,156	14,383	36,050	17,200	882	17,258	1,881	19
145	310	832	27	6,015	4,152	9,291	4,813	152	3,901	510	20
32	161	327	43	2,939	1,820	4,061	1,787	99	2,310	253	21
362	448	791	119	7,678	5,285	12,807	6,466	388	6,349	689	22
153	133	398	32	2,743	1,632	5,052	2,125	99	2,430	185	23
83	304	286	30	4,436	1,111	3,164	2,195	116	2,073	191	24
7	36	61	8	345	383	775	314	28	195	44	25
46,388	79,147	149,632	14,267	1,313,864	819,787	1,941,472	1,022,263	77,390	993,356	87,340	26
12,891	9,295	1,908	14,391	9,061	7,684	6,182	4,197	22,008	1,267	14,188	27
2,341	1,863	541	1,029	2,044	2,047	1,664	1,168	3,621	331	3,403	28
1,327	1,353	209	1,723	1,174	933	739	491	3,272	205	1,924	29
8,903	5,875	1,191	10,370	5,687	4,565	3,671	2,468	14,497	719	8,563	30
260	204	27	369	156	189	108	70	615	12	293	31
1,081,668	608,920	119,124	1,354,406	551,277	436,550	373,489	239,321	1,733,044	71,077	943,582	32
917	12,731	17,101	260	166,649	19,580	87,782	76,749	5,960	93,156	16,229	33
220	8,313	5,632	61	55,090	3,460	15,702	23,084	1,423	29,133	3,338	34
648	8,817	9,988	173	102,716	16,007	69,547	49,322	4,282	57,452	11,409	35
37	497	728	15	2,573	315	1,574	788	201	827	971	36
12	104	813	11	6,270	198	950	3,555	54	5,744	451	37
13,619	180,045	202,713	3,201	2,132,876	262,874	1,252,792	913,450	65,887	1,214,743	225,824	38
118	12,742	25	585	80	194	156	519	1,784	18	10,456	39
4	2,290	4	46	7	43	12	34	430	1	2,284	40
23	10,119	13	210	29	150	101	201	1,309	10	8,034	41
91	333	8	329	44	1	43	284	45	7	138	42
3,562	67,263	286	3,144	539	1,006	965	5,740	7,704	172	39,851	43
6,526	10,185	3,443	3,502	12,505	11,254	15,448	9,771	11,010	1,960	11,747	44
2,953	5,818	1,183	2,160	6,014	5,024	7,256	3,904	6,395	1,005	6,584	45
575	1,430	403	665	1,619	1,658	2,232	1,489	1,292	190	1,827	46
80	157	46	67	199	156	165	144	164	27	193	47
2,918	2,780	1,751	610	4,673	4,416	5,795	4,234	3,150	737	3,143	48
136,387	191,387	68,916	66,621	234,824	201,892	222,762	171,557	269,642	25,907	217,952	49
96,941	94,262	26,827	21,301	115,593	59,898	43,293	57,399	190,692	13,198	146,581	50
1,843	2,798	850	691	4,039	1,288	1,661	1,684	2,722	1,447	3,075	51
146,988	115,393	29,365	26,411	124,086	58,287	40,907	67,097	242,108	15,872	196,838	52
1,064	1,004	115	916	4,413	557	276	428	2,677	327	2,529	53
5,561	5,067	650	4,962	31,370	3,262	3,486	2,902	12,279	1,554	11,798	54
5,193,038	2,349,192	351,989	7,131,346	2,227,671	1,816,620	1,486,917	1,034,045	8,288,868	184,105	3,380,629	55
4,469,726	374,655	8,349	1,853,452	278,123	107,147	16,207	95,324	6,410,384	2,363	1,498,478	56
46,141	85,836	5,121	917	29,693	56,714	37,428	16,753	58,326	311	70,252	57
67,972	390,207	9,633	1,694,773	257,132	276,196	240,312	53,216	67,918	757	298,899	58
109,931	152,878	54,265	20,963	307,613	123,328	95,693	122,186	185,592	36,932	135,383	59
31,929	38,255	10,546	9,883	109,410	40,819	14,062	20,748	73,182	7,818	44,001	60
6,474	3,786	50,903	1,765,906	350	300	180	642	11,991	332	7,550	61
1,686,185	540,373	25,116	1,759,412	493,495	353,733	272,833	157,872	1,902,073	21,646	777,162	62
1,639,467	472,595	314	708	372,082	307,369	218,917	103,867	1,834,293	6,073	724,282	63
620	483	122,271	122,303	455	426	409	406	601	221	400	64
560,565	506,745	39,647	42,169	590,395	346,936	174,260	320,156	1,189,494	51,259	854,545	65
357,320	311,581	30,729	16,345	235,277	170,394	58,110	155,850	858,659	13,632	653,665	66
130,282	78,117	5,708	5,083	107,386	63,582	40,006	57,111	171,172	12,079	129,047	67
41,064	33,619	74,113	77,660	29,050	19,745	11,586	19,985	74,866	3,340	68,008	68
388,022	294,034	20,251	26,328	329,045	185,825	111,277	175,494	690,961	30,228	471,495	69
211,351	169,137	1,190	19,282	152,967	82,977	32,043	79,611	462,519	8,120	337,797	70
26,108	17,246	309	133	1,778	7,524	6,663	3,639	33,705	2,140	29,630	71
221	81	5,057	1,778	40,429	123	125	18	182	10	246	72
6,870	4,514	14,153	185	119,988	14,380	68,539	72,857	4,330	68,355	12,263	74
716	10,234	147,019	1,495	1,209,081	121,586	669,781	38,373	38,373	697,365	116,791	75
5,922	111,526	67,693	739	503,564	61,756	289,483	418,167	19,967	384,086	62,198	76
3,087	51,780	14	232	33	167	108	215	1,201	10	7,802	77
23	8,461	48	923	147	504	392	663	3,845	57	29,576	78
53	34,222	28	594	83	225	168	339	2,013	29	15,870	79
26	18,377										

AGRICULTURE—OREGON.

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

		THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.	Crook.	Curry.	
1	Inclosures reporting domestic animals.....	13,410	412	215	1,055	126	477	458	41	8	
2	Horses, total number.....	10,575	834	134	328	66	235	196	34	16	
3	Mules, total number.....	524	12	4	13	13	2	21	3	3	
4	Asses and burros, total number.....	53						3			
5	Cattle, total number.....	21,350	1,000	251	1,295	219	1,078	715	60	21	
6	Dairy cows.....	14,193	559	220	1,116	162	664	494	53	7	
7	Sheep, total number.....	11,191	4,768	42	126	8	4	156	1	3	
8	Goats, total number.....	1,480	16	27	44	4	7	205			
9	Swine, total number.....	5,942	157	93	415	76	406	387	10		
		Deschutes.	Douglas.	Gilliam.	Grant.	Harney.	Hood River.	Jackson.	Jefferson.	Josephine.	
1	Inclosures reporting domestic animals.....	147	530	47	114	76	106		40	157	
2	Horses, total number.....	314	220	54	285	215	89		26	87	
3	Mules, total number.....	9	18		4	6				12	
4	Asses and burros, total number.....		2			4			3	9	
5	Cattle, total number.....	225	703	621	158	286	113		317	352	
6	Dairy cows.....	117	578	46	104	98	97		44	135	
7	Sheep, total number.....	31	297	2	9	16	10			11	
8	Goats, total number.....	10	95			8	6		6	4	
9	Swine, total number.....	30	153	15	49	12	36		11	39	
		Klamath.	Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.	Multnomah.	
1	Inclosures reporting domestic animals.....	268	49	1,025	174	767	213	1,060	106	2,064	
2	Horses, total number.....	537	105	695	73	288	464	392	70	1,814	
3	Mules, total number.....	13	2	21	13	9	66	15	4	58	
4	Asses and burros, total number.....	12		3	7		2	1		3	
5	Cattle, total number.....	659	85	1,246	411	1,161	450	1,225	132	2,008	
6	Dairy cows.....	233	53	1,045	238	928	205	1,004	115	1,872	
7	Sheep, total number.....	43	379	195	24	44	7	197	1,600	2,700	
8	Goats, total number.....	5	4	61	131	43		24		550	
9	Swine, total number.....	201	2	299	55	412	199	412	30	639	
		Polk.	Sherman.	Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washington.	Wheeler.	Yamhill.
1	Inclosures reporting domestic animals.....	483	52	188	460	551	390	271	700	23	557
2	Horses, total number.....	502	72	68	681	388	348	459	266	10	210
3	Mules, total number.....	4	49		70	9	9	32	28	2	5
4	Asses and burros, total number.....					2	1	1			
5	Cattle, total number.....	627	150	340	893	852	884	318	920	37	692
6	Dairy cows.....	493	93	224	503	581	489	251	756	21	535
7	Sheep, total number.....	2			25	57	58	270	95		11
8	Goats, total number.....	70		2	1		1	26	49		72
9	Swine, total number.....	180	6	128	132	446	336	48	354	8	166

AGRICULTURE—OREGON.

67

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

		THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.
VALUE OF ALL CROPS.								
1	Total.....	dollars.. 131,884,639	4,302,823	2,807,001	6,413,178	545,202	1,179,719	1,701,160
2	Cereals.....	dollars.. 53,980,152	1,023,815	1,251,826	2,018,147	31,022	189,014	96,153
3	Other grains and seeds.....	dollars.. 1,366,901	0,858	79,732	75,067	132	169	5,551
4	Hay and forage.....	dollars.. 41,835,706	2,901,012	764,885	1,315,297	294,932	519,396	1,074,988
5	Vegetables.....	dollars.. 11,762,404	225,311	330,524	1,562,556	151,801	323,413	348,258
6	Fruits and nuts.....	dollars.. 20,373,412	145,384	308,061	807,424	67,315	147,787	176,210
7	All other crops.....	dollars.. 2,505,974	443	71,973	34,687			
SELECTED CROPS (acres harvested and production).								
8	Cereals:							
9	Total.....	acres.. 1,521,622	32,181	38,604	56,090	624	3,940	1,536
10	Corn.....	bushels.. 30,850,683	614,634	802,941	1,847,485	29,026	151,458	67,795
11	Oats.....	acres.. 31,972	365	1,053	2,042	2	3	293
12	Wheat.....	bushels.. 846,642	9,168	35,138	54,862	83	30	10,775
13	Barley.....	acres.. 284,152	6,439	14,602	26,732	534	2,314	470
14	Rye.....	bushels.. 8,357,406	182,623	347,379	1,041,489	25,925	107,988	20,890
15	Mixed crops.....	acres.. 1,080,051	19,885	20,717	24,099	81	1,315	184
16	Dry edible beans.....	bushels.. 19,526,765	311,567	374,048	659,932	2,818	33,003	4,277
17	Other grains and seeds:	acres.. 66,595	4,030	825	660	7	176	556
18	Timothy alone.....	bushels.. 1,429,073	90,952	19,552	22,003	200	6,194	31,262
19	Timothy and clover mixed.....	acres.. 42,470	1,290	376	729		52	11
20	Clover alone.....	bushels.. 312,463	8,111	5,996	12,893		1,277	266
21	Alfalfa.....	acres.. 15,591	5	1,006	1,808		86	22
22	Other tame or cultivated grasses.....	bushels.. 367,958	36	19,947	55,956		2,916	325
23	Hay and forage:							
24	Total.....	acres.. 1,220,404	76,758	22,077	30,385	4,863	11,403	16,155
25	All tame or cultivated grasses.....	tons.. 2,197,619	141,343	42,097	72,120	15,722	28,571	69,899
26	Timothy alone.....	acres.. 458,640	53,605	0,384	13,550	3,294	0,041	6,134
27	Timothy and clover mixed.....	tons.. 1,019,799	115,511	11,196	26,957	7,869	13,956	14,974
28	Clover alone.....	acres.. 30,689	2,311	918	1,368	80	353	48
29	Alfalfa.....	tons.. 45,570	4,701	1,542	2,617	132	799	29
30	Other tame or cultivated grasses.....	acres.. 81,819	13,203	309	4,039	2,154	3,149	1,262
31	Wild, salt, or prairie grasses.....	tons.. 135,625	21,540	605	7,424	5,453	7,274	3,173
32	Small grains cut for hay.....	acres.. 53,128	697	2,193	5,945	199	942	1,124
33	Annual legumes cut for hay.....	tons.. 102,953	1,112	3,769	12,457	405	2,263	2,914
34	Silage crops.....	acres.. 210,665	33,488	55	85	13	101	35
35	Corn cut for forage.....	tons.. 592,400	79,902	124	153	40	336	74
36	Kafir, sorghum, etc., for forage.....	acres.. 82,349	3,966	2,113	848	1,496	3,065	3,065
37	Root crops for forage.....	tons.. 143,191	8,256	5,156	4,306	1,839	3,314	8,784
38	Vegetables:							
39	Potatoes (Irish or white).....	acres.. 226,462	16,314	602	794	423	2,250	131
40	Other vegetables.....	tons.. 267,363	17,052	741	1,208	781	2,631	261
41	Miscellaneous crops:	acres.. 467,390	0,227	12,380	11,646	768	2,031	6,020
42	Hops.....	tons.. 581,467	0,771	18,613	22,510	1,642	3,999	14,967
43	Fruits and nuts:							
44	Total.....	acres.. 24,723	265	897	613	150	105	342
45	Strawberries.....	acres.. 39,764	330	1,740	1,491	403	472	1,068
46	Raspberries.....	acres.. 33,545	156	1,449	2,159	46	546	2,543
47	Blackberries and dewberries.....	tons.. 182,166	1,329	7,638	11,977	356	4,804	22,120
48	Loganberries.....	acres.. 12,835	117	290	1,003		111	437
49	Orchard fruits:	tons.. 34,412	273	1,187	2,508		605	2,546
50	Total.....	acres.. 693		15	26	2	31	9
51	Apples.....	tons.. 4,837		40	61		323	26
52	Peaches.....	acres.. 5,111	14	90	589	180	228	539
53	Pears.....	tons.. 67,821	77	1,036	5,408	4,665	2,281	13,937
54	Plums and prunes.....							
55	Cherries.....	acres.. 40,055	933	928	0,658	410	969	626
56	Grapes.....	bushels.. 3,538,930	61,897	107,836	554,649	55,506	114,229	103,929
57	Nuts.....	acres.. 0,231	89	132	825	49	92	59
58	FRUITS AND NUTS.							
59	Small fruits:							
60	Total.....	acres.. 8,403	42	203	440	122	76	109
61	Strawberries.....	quarts.. 18,977,822	44,521	261,708	895,722	234,960	81,777	165,227
62	Raspberries.....	acres.. 2,812	11	50	260	17	30	52
63	Blackberries and dewberries.....	quarts.. 4,159,200	16,770	32,795	419,992	25,065	48,265	85,899
64	Loganberries.....	acres.. 1,176	15	20	44	6	9	7
65	Orchard fruits:	quarts.. 1,824,901	12,369	15,021	70,973	4,332	7,172	6,519
66	Total.....	acres.. 1,354	6	40	52	26	16	14
67	Apples.....	quarts.. 2,139,110	6,190	59,339	112,371	58,355	13,999	11,610
68	Peaches.....	acres.. 2,755	1	65	84	10	9	14
69	Pears.....	quarts.. 10,198,011	100	123,010	269,245	20,696	10,029	34,284
70	Plums and prunes.....							
71	Cherries.....							
72	Grapes.....							
73	Nuts.....							
74	Total.....	acres.. 2,167,331	4,496	39,914	81,678	3,464	6,632	9,505
75	Apples.....	acres.. 7,854,006	61,890	191,829	315,735	16,380	55,339	71,453
76	Peaches.....	bushels harvested.. 10,640,427	87,307	164,000	379,315	21,864	84,243	103,141
77	Pears.....	acres.. 500,322	2,762	18,224	29,531	2,837	4,415	6,601
78	Plums and prunes.....	acres.. 3,315,093	32,052	73,002	151,524	13,650	30,704	57,558
79	Cherries.....	bushels harvested.. 6,921,284	51,604	109,143	240,806	10,163	66,674	89,297
80	Grapes.....	acres.. 29,911	466	1,794	2,068	18	297	513
81	Nuts.....	acres.. 412,936	18,834	18,969	15,133	28	875	1,854
82	Total.....	bushels harvested.. 504,441	23,469	16,202	16,299	14	182	1,420
83	Apples.....	acres.. 214,523	288	843	2,143	179	658	802
84	Peaches.....	acres.. 727,444	1,962	17,928	18,599	555	3,903	3,790
85	Pears.....	bushels harvested.. 761,063	3,195	6,805	31,560	608	4,276	5,545
86	Plums and prunes.....	acres.. 1,331,006	417	17,579	44,545	265	600	959
87	Cherries.....	acres.. 2,999,480	5,038	76,569	112,001	1,671	7,807	6,266
88	Grapes.....	bushels harvested.. 2,151,864	5,213	28,471	73,377	1,839	8,069	5,922
89	Nuts.....	acres.. 89,890	530	1,474	3,391	165	660	630
90	Total.....	acres.. 395,073	3,905	5,358	18,468	476	3,987	1,978
91	Apples.....	bushels harvested.. 303,893	3,709	6,376	17,072	240	5,139	952
92	Peaches.....							
93	Pears.....							
94	Plums and prunes.....							
95	Cherries.....							
96	Grapes.....							
97	Nuts.....							
98	Total.....	acres.. 35,570	785	1,950	2,721	4	107	148
99	Apples.....	acres.. 381,484	4,121	7,181	39,696	2	909	321
100	Peaches.....	pounds harvested.. 2,842,656	30,270	73,771	452,199		3,018	4,810
101	Pears.....							
102	Plums and prunes.....							
103	Cherries.....							
104	Grapes.....							
105	Nuts.....							
106	Total.....	acres.. 94,640	27	4,315	5,651		275	380
107	Apples.....	acres.. 92,251	115	1,370	5,179		365	70
108	Peaches.....	pounds harvested.. 492,142	1,415	7,108	28,985		2,826	353
109	Pears.....	acres.. 93,214	27	4,273	5,625		275	373
110	Plums and prunes.....	acres.. 88,695	58	1,329	5,098		382	68
111	Cherries.....	pounds harvested.. 461,845	1,195	6,910	28,893		2,826	343

AGRICULTURE—OREGON.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

			Crook.	Curry.	Deschutes.	Douglas.	Gilliam.	Grant.	Harney.	Hood River.
VALUE OF ALL CROPS.										
1	Total.....	dollars.....	1,333,353	376,844	1,029,928	3,959,415	2,593,487	1,297,974	1,730,322	4,151,971
2	Cereals.....	dollars.....	131,661	12,989	74,351	1,088,721	2,188,028	87,574	74,820	39,460
3	Other grains and seeds.....	dollars.....		994	1,788	9,344		272	1,511	6,593
4	Hay and forage.....	dollars.....	1,142,422	240,684	745,228	1,008,444	366,338	1,070,995	1,605,883	234,031
5	Vegetables.....	dollars.....	58,552	87,095	207,259	283,296	23,007	101,770	45,040	200,011
6	Fruits and nuts.....	dollars.....	718	35,732	1,301	1,616,605	15,514	37,204	2,468	3,665,867
7	All other crops.....	dollars.....				3,005		69		
SELECTED CROPS (acres harvested and production).										
Cereals:										
8	Total.....	acres.....	5,830	281	3,887	32,038	97,176	3,551	4,980	853
9	.....	bushels.....	73,841	9,897	47,297	602,683	1,044,051	53,600	43,511	24,846
10	Corn.....	acres.....		74	33	5,474	196	142	3	199
11	.....	bushels.....		2,398	818	143,118	2,552	1,434	65	8,018
12	Oats.....	acres.....	826	112	927	10,185	322	655	549	231
13	.....	bushels.....	18,331	4,744	20,631	233,121	2,508	18,071	7,330	7,553
14	Wheat.....	acres.....	3,342	30	1,166	14,310	92,775	1,678	1,159	390
15	.....	bushels.....	42,225	444	14,084	243,889	1,017,136	21,146	10,519	8,373
16	Barley.....	acres.....	214	62	94	1,486	3,220	348	1,052	33
17	.....	bushels.....	3,521	2,290	1,864	32,081	18,215	7,029	14,911	907
18	Rye.....	acres.....	1,233	3	1,067	129	668	712	2,217	
19	.....	bushels.....	8,414	12	9,300	1,558	3,640	5,930	10,686	
20	Mixed crops.....	acres.....	215			436		16		
21	.....	bushels.....	1,350			7,666		50		
Other grains and seeds:										
22	Dry edible beans.....	acres.....		13	36	94		17		12
23	.....	bushels.....		173	163	326		64		50
Hay and forage:										
24	Total.....	acres.....	43,202	4,620	25,306	33,398	17,119	41,863	73,011	6,210
25	.....	tons.....	56,039	13,768	36,371	53,111	17,598	50,383	92,780	11,492
26	All tame or cultivated grasses.....	acres.....	13,042	2,081	13,036	4,652	1,885	20,746	11,958	4,939
27	.....	tons.....	28,342	4,667	26,905	9,231	5,602	32,204	18,064	8,754
28	Timothy alone.....	acres.....	276	1	59	179	50	2,284	538	230
29	.....	tons.....	429	1	67	197	50	2,474	557	400
30	Timothy and clover mixed.....	acres.....	169	25	611	442		10,961	2,992	644
31	.....	tons.....	204	51	767	913		14,247	3,780	1,220
32	Clover alone.....	acres.....	171	437	794	894	25	71	37	1,101
33	.....	tons.....	254	1,121	1,134	1,699	37	72	66	1,743
34	Alfalfa.....	acres.....	11,539	95	12,336	1,196	1,085	5,286	5,611	2,852
35	.....	tons.....	20,192	280	24,867	3,419	5,390	13,061	10,500	5,150
36	Other tame or cultivated grasses.....	acres.....	887	1,523	136	1,941	125	2,144	2,780	112
37	.....	tons.....	1,203	3,214	70	3,003	125	2,350	3,161	151
38	Wild, salt, or prairie grasses.....	acres.....	3,644	87	1,355	1,807	79	3,883	51,494	85
39	.....	tons.....	3,351	133	870	2,420	57	3,403	68,553	138
40	Small grains cut for hay.....	acres.....	20,079	2,011	9,273	24,849	14,536	17,089	9,555	948
41	.....	tons.....	17,636	4,715	6,873	32,849	11,497	14,629	6,159	1,409
42	Annual legumes cut for hay.....	acres.....	6,056	87	417	286	448	23	4	93
43	.....	tons.....	5,708	133	354	497	212	14	4	105
44	Silage crops.....	acres.....	275	142	278	1,307	12			34
45	.....	tons.....	875	1,315	1,155	6,464	89			311
46	Corn cut for forage.....	acres.....	106	189	29	416	159	117		49
47	.....	tons.....	69	1,024	145	1,070	141	98		134
48	Kafir, sorghum, etc., for forage.....	acres.....			6	15				
49	.....	tons.....		1	25	28				
50	Root crops for forage.....	acres.....		82	12	66		5		62
51	.....	tons.....		1,780	44	552		35		591
Vegetables:										
52	Potatoes (Irish or white).....	acres.....	225	141	1,250	519	119	452	161	490
53	.....	bushels.....	18,288	16,617	85,010	52,017	4,672	23,195	9,928	66,943
54	Other vegetables.....	acres.....	5	8	22	117	11	13	15	55
Miscellaneous crops:										
55	Hops.....	acres.....				11				
56	.....	pounds.....				5,000				
FRUITS AND NUTS.										
Small fruits:										
57	Total.....	acres.....	4	18	7	141		29	2	774
58	.....	quarts.....	3,090	20,176	4,638	205,702	701	18,444	1,293	1,231,712
59	Strawberries.....	acres.....		8	2	50		11		760
60	.....	quarts.....	215	11,967	2,227	71,838	240	5,622	24	1,212,429
61	Raspberries.....	acres.....	1	2	3	15		13	1	5
62	.....	quarts.....	462	1,302	1,310	12,932	100	6,497	375	4,931
63	Blackberries and dewberries.....	acres.....		5		28				6
64	.....	quarts.....		2,142		34,129	9	152		9,587
65	Loganberries.....	acres.....		2		46				3
66	.....	quarts.....		4,002		84,079	20	257		4,639
Orchard fruits:										
67	Total.....	trees not of bearing age.....	482	4,209	184	309,051	623	1,073	116	129,594
68	.....	trees of bearing age.....	1,532	12,278	6,232	768,784	6,692	27,787	2,127	736,343
69	Apples.....	bushels harvested.....	195	21,257	205	824,483	9,263	23,297	1,617	2,512,225
70	.....	trees not of bearing age.....	373	2,811	117	43,874	270	1,075	60	86,275
71	.....	trees of bearing age.....	1,014	8,754	5,470	188,284	3,896	20,674	1,899	676,361
72	.....	bushels harvested.....	82	17,580	100	259,410	4,602	17,951	1,422	2,417,528
73	Peaches.....	trees not of bearing age.....	5	249	5	3,512	129	333	12	883
74	.....	trees of bearing age.....	99	407	61	21,539	1,025	1,365	38	3,275
75	.....	bushels harvested.....	82	880		25,176	2,127	776	17	6,636
76	Pears.....	trees not of bearing age.....	8	354	8	37,271	71	133	12	38,367
77	.....	trees of bearing age.....	67	649	332	43,733	612	1,142	53	47,195
78	.....	bushels harvested.....	13	1,236		30,078	967	2,874	114	78,905
79	Plums and prunes.....	trees not of bearing age.....	61	605	34	222,616	76	245	18	285
80	.....	trees of bearing age.....	251	1,959	237	503,842	672	3,574	71	1,029
81	.....	bushels harvested.....	17	1,610		501,058	872	1,363	43	1,295
82	Cherries.....	trees not of bearing age.....	35	190	20	1,778	75	169	14	3,784
83	.....	trees of bearing age.....	101	508	132	11,374	473	1,028	48	8,483
84	.....	bushels harvested.....	1	450	105	8,758	683	331	11	7,861
85	Grapes.....	vines not of bearing age.....		372		2,523	14	33		998
86	.....	vines of bearing age.....		465	3	25,380	58	92		754
87	.....	pounds harvested.....		10,195		173,471	420	605		12,073
Nuts:										
88	Total.....	trees not of bearing age.....		149		4,499	4	1	2	273
89	.....	trees of bearing age.....		170		2,025		5	1	453
90	.....	pounds harvested.....		885		11,502		60	50	5,300
91	Walnuts (Persian or English).....	trees not of bearing age.....		122		4,321	4		2	246
92	.....	trees of bearing age.....		106		1,570			1	424
93	.....	pounds harvested.....		851		8,475			50	5,215

AGRICULTURE—OREGON.

69

AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Jackson.	Jefferson.	Josephine.	Klamath.	Lake.	Lane.	Lincoln.	Linn.	Malheur.	Marion.	Morrow.	Multnomah.	Polk.	Sherman.	
3,429,635 502,190 18,488 1,180,081 167,836 1,539,173 21,867	1,185,372 705,998 64 429,311 36,939 13,060 -----	980,703 135,221 6,258 405,574 36,939 273,316 50,211	2,521,759 512,308 22 1,864,666 142,220 2,543 -----	2,124,245 234,128 1,795 1,820,760 55,608 11,954 -----	5,207,795 1,727,866 59,953 1,536,860 753,544 1,065,346 64,236	665,533 50,249 272 368,922 159,785 88,296 9	7,500,686 3,810,662 336,328 2,195,607 648,545 494,242 15,302	5,118,182 599,491 126,137 3,955,286 100,481 336,131 656	10,690,770 3,896,402 210,131 1,578,765 1,392,721 2,128,639 1,884,112	2,875,858 2,173,749 163 630,487 33,951 37,404 104	2,813,708 372,171 128,617 672,040 1,094,411 670,840 264	5,404,944 2,215,712 128,617 872,704 350,349 1,161,269 676,293	4,915,850 4,613,068 4,466 241,110 28,863 28,345 -----	1 2 3 4 5 6 7
12,840 275,615 3,082 56,307 665 19,423 7,239 143,356 1,704 54,846 127 1,338 23 283 ----- 201 2,704	53,060 342,053 163 1,063 731 9,011 42,201 282,588 474 5,440 9,311 42,501 174 442 ----- 8 15	4,393 32,882 822 19,093 690 18,255 1,923 27,243 702 15,139 109 1,015 87 1,537 ----- 116 1,463	21,723 309,084 ----- ----- 3,308 82,717 9,807 107,085 3,291 79,397 5,287 30,347 29 513 ----- ----- 2 17	9,480 121,090 4 175 252 8,618 0,666 85,967 879 1,052 19,683 1,636 0,304 43 343 ----- 2 466	60,210 1,018,383 3,569 103,428 20,116 293,426 33,515 555,718 11 1,052 23,405 625 8,583 1,217 20,451 ----- 234 466	1,489 43,736 30 1,115 963 35,643 444 6,331 1,031,564 0,661 235 31 345 4 67 ----- 290 1,699	112,664 2,876,123 3,135 84,649 49,735 1,290,455 52,658 1,031,564 2,720 0,661 1,009 17,851 9,732 89,841 ----- 20 1,699	15,809 333,580 1,754 3,769 104,788 1,032 1,349,366 45,192 1,050,945 1,626 58,941 1,078 1,832 1,551 43,972 ----- 20 70	95,754 2,637,586 112 2,073 41,866 1,160 102,859 979,488 5,295 53,941 1,832 8,132 40 616 ----- 582 1,603	110,283 1,045,967 112 2,073 65 1,160 102,859 979,488 5,295 53,941 1,832 8,132 40 616 ----- 582 1,603	0,227 263,719 746 18,051 3,649 144,397 3,234 83,984 346 11,631 145 2,456 1,103 3,153 ----- 44 296	61,314 1,432,171 1,287 30,218 25,395 659,682 32,126 639,213 1,000 20,133 423 6,833 1,029 25,409 ----- 266 586	121,593 2,206,236 8 145 1,329 17,859 116,024 2,150,234 35,647 150 26 150 125 2,200 400 586 1,000 25,444 47,935 9,075 15,512 55 72 253 418 2,654 3,913 124 240 551 5,984 10,869 634 780 12,735 20,707 964 2,012 1,452 6,505 453 1,523 23 10 167 896 131 806 1,147 110,708 70 1,576 1,274,540 320 777,732 115 150,174 8 3,330 40 41,812 123 445,388 368,131 735,420 530,808 13,178 126,940 185,617 885 18,041 22,422 6,955 18,125 12,735 334,973 518,165 278,579 12,140 54,143 36,464 633 7,574 96,455 1,006 2,065 33,633 11,999 11,799 20,876 12,067 12,093 31,436 11,999 11,799 20,876 25 23 350 21 12 165 88 89 90 91 92 93	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93
30,960 58,462 23,339 41,842 1,228 1,085 6,504 8,068 427 596 9,714 26,639 5,466 5,464 ----- 1,408 1,199 10,211 10,875 192 275 732 2,878 994 902 33 25 51 466 ----- 276 25,831 188 ----- 25 28,000	28,818 20,724 3,046 7,233 30 48 56 73 697 871 2,233 6,219 30 22 ----- 506 404 25,015 12,735 20 5 ----- ----- 225 319 ----- ----- 6 28 ----- 450 9,800 13 ----- ----- -----	10,850 21,150 5,414 12,714 66 116 817 1,449 419 816 2,930 8,655 1,182 1,678 ----- 282 278 4,102 4,732 92 150 432 2,127 488 871 ----- ----- ----- 211 21,948 42 ----- 109 93,000	69,961 92,007 21,640 46,869 1,141 1,942 4,691 6,329 366 670 14,849 36,717 1,243 1,211 ----- 17,474 16,323 28,602 27,199 92 1,526 5 40 1 2 8 ----- ----- ----- 615 40,200 36 ----- ----- -----	88,665 106,478 9,570 14,463 309 300 4,014 5,386 2 4,894 109 269 1,243 940 ----- 69,307 84,870 9,665 6,976 121 120 ----- ----- ----- 109 14,599 13 ----- ----- -----	48,220 87,355 10,011 16,923 110 155 1,287 2,612 2,065 4,894 269 5,870 8,993 ----- 9,692 13,873 3,274 5,912 182 334 216 1,180 81 322 16 45 48 299 4,491 ----- 1,870 206,785 491 ----- 122 110,700	7,701 20,119 4,162 7,294 212 424 1,287 2,454 447 863 11 20 2,204 3,522 ----- 476 709 3,274 5,912 182 334 216 1,180 81 322 16 45 48 299 4,491 ----- 402 43,862 28 ----- 42 27,475	59,347 120,048 14,844 25,808 3,678 6,006 324 2,072 4,301 6,790 260 655 6,281 11,188 ----- 4,303 6,538 31,045 55,827 2,804 5,509 5,284 21,207 850 2,126 26 149 5 168 2,784 ----- 1,998 196,800 80 ----- 42 27,475	76,087 197,833 42,982 158,403 99 142 2,433 2,072 7,987 15,428 398 729 6,561 12,401 ----- 22,865 24,201 1,103 16,230 28,837 2,400 83 4,938 4,011 16 5,850 147 1,235 3,339 26 202 203 8 ----- 215 18,391 50 ----- 2,752 2,602,825	41,167 89,919 16,007 30,715 350 764 71 1,393 7,987 15,428 398 729 6,561 12,401 ----- 924 1,103 16,230 28,837 2,400 83 4,938 4,011 16 18,890 47 1,235 3,339 26 202 203 8 ----- 5,016 429,869 614 ----- 2,752 2,602,825	23,030 30,163 4,902 15,534 7 41 14 ----- ----- ----- 4,819 15,479 ----- 10 10 17,969 14,321 60 20 390 1,225 10,364 46 70 221 3 10 82 167 131 806 1,430 ----- 164 5,560 8 ----- ----- -----	14,736 35,731 7,735 10,863 801 1,665 73 8,196 1,718 6,708 3,913 124 240 551 5,984 10,869 634 780 12,735 20,707 964 2,012 1,452 6,505 453 1,523 23 10 167 896 131 806 1,147 110,708 70 1,576 1,274,540 320 777,732 115 150,174 8 3,330 40 41,812 123 445,388 368,131 735,420 530,808 13,178 126,940 185,617 885 18,041 22,422 6,955 18,125 12,735 334,973 518,165 278,579 12,140 54,143 36,464 633 7,574 96,455 1,006 2,065 33,633 11,999 11,799 20,876 12,067 12,093 31,436 11,999 11,799 20,876 25 23 350 21 12 165 88 89 90 91 92 93	25,444 47,935 9,075 15,512 55 72 253 418 2,654 3,913 124 240 551 5,984 10,869 634 780 12,735 20,707 964 2,012 1,452 6,505 453 1,523 23 10 167 896 131 806 1,147 110,708 70 1,576 1,274,540 320 777,732 115 150,174 8 3,330 40 41,812 123 445,388 368,131 735,420 530,808 13,178 126,940 185,617 885 18,041 22,422 6,955 18,125 12,735 334,973 518,165 278,579 12,140 54,143 36,464 633 7,574 96,455 1,006 2,065 33,633 11,999 11,799 20,876 12,067 12,093 31,436 11,999 11,799 20,876 25 23 350 21 12 165 88 89 90 91 92 93	11,515 11,491 417 708 55 130 130 31 212 551 45 77 ----- 634 780 12,735 20,707 964 2,012 1,452 6,505 453 1,523 23 10 167 896 131 806 1,147 110,708 70 1,576 1,274,540 320 777,732 115 150,174 8 3,330 40 41,812 123 445,388 368,131 735,420 530,808 13,178 126,940 185,617 885 18,041 22,422 6,955 18,125 12,735 334,973 518,165 278,579 12,140 54,143 36,464 633 7,574 96,455 1,006 2,065 33,633 11,999 11,799 20,876 12,067 12,093 31,436 11,999 11,799 20,876 25 23 350 21 12 165 88 89 90 91 92 93	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93
483 1,438 19,279 386 805 8,291 -----	33 590 -----	588 927 1,270 463 805 835 -----	3 1 50 -----	-----	6,925 11,286 53,854 6,776 11,199 53,587 -----	89 3,398 340 89 17 340 -----	6,905 3,398 24,183 6,869 3,337 23,808 -----	12 21 10 ----- -----	19,243 10,020 55,065 18,940 9,588 51,190 -----	16 53 530 10 2 10 -----	1,006 2,065 33,633 11,999 11,799 20,876 -----	12,067 12,093 31,436 11,999 11,799 20,876 -----	25 23 350 21 12 165 88 89 90 91 92 93	

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

		Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washington.	Wheeler.	Yamhill.
VALUE OF ALL CROPS.									
1	Total.....	dollars.. 674, 026	16, 070, 626	4, 624, 388	2, 744, 055	4, 731, 888	7, 350, 522	757, 355	6, 173, 782
2	Cereals.....	dollars.. 11, 544, 551	2, 360, 527	1, 298, 731	2, 008, 493	2, 662, 526	94, 829	2, 703, 042	68, 675
3	Other grains and seeds.....	dollars.. 480, 079	2, 811, 478	1, 608, 006	1, 274, 399	743, 309	2, 061, 330	603, 766	1, 223, 320
4	Hay and forage.....	dollars.. 131, 884	273, 413	191, 567	104, 900	237, 425	1, 302, 772	42, 374	448, 310
5	Vegetables.....	dollars.. 62, 083	1, 426, 523	467, 570	64, 814	341, 808	996, 754	10, 386	1, 618, 086
6	Fruits and nuts.....	dollars.. 5, 204	50	50	33	174	131, 533	.....	105, 749
7	All other crops.....	dollars..							
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....	acres.. 244, 130	70, 383	43, 617	70, 764	53, 441	4, 444	63, 427	1, 781, 148
10	Corn.....	bushels.. 5, 503, 785	1, 249, 175	725, 060	1, 417, 840	1, 897, 974	48, 743	1, 214	35, 548
11	Oats.....	acres.. 18, 172	5, 733	4, 890	6, 156	16, 765	471	27, 148	859, 927
12	Wheat.....	bushels.. 17, 933	199, 026	125, 885	26, 009	1, 124, 452	3, 270	32, 108	806, 422
13	Barley.....	acres.. 224, 611	55, 749	33, 204	65, 120	24, 905	2, 497	746	19, 208
14	Rye.....	bushels.. 5, 197, 902	902, 054	444, 129	1, 293, 282	700, 085	29, 141	6, 983	573
15	Mixed crops.....	acres.. 14, 820	4, 301	4, 532	3, 721	599	623	9, 953	1, 621
16	Other grains and seeds:	bushels.. 314, 674	73, 133	140, 795	89, 029	20, 050	6, 885	49, 764	50
17	Dry edible beans.....	acres.. 3, 171	8, 099	1, 713	2, 613	5, 125	8, 809	219	594
18	Hay and forage:								
19	Total.....	acres.. 10, 994	61, 359	43, 544	46, 162	28, 194	37, 024	19, 915	31, 440
20	All tame or cultivated grasses.....	acres.. 26, 261	135, 035	79, 873	61, 450	36, 916	117, 231	28, 516	68, 583
21	Timothy alone.....	acres.. 7, 565	30, 690	22, 196	19, 659	3, 432	20, 102	7, 428	12, 027
22	Timothy and clover mixed.....	acres.. 16, 921	98, 856	41, 767	30, 964	6, 921	44, 176	16, 204	23, 757
23	Clover alone.....	acres.. 83	740	4, 631	3, 490	176	3, 290	1, 048	436
24	Alfalfa.....	acres.. 1, 153	49	2, 350	4, 151	365	5, 358	1, 635	1, 140
25	Other tame or cultivated grasses.....	acres.. 3, 180	66	3, 898	7, 096	820	11, 288	2, 339	4, 036
26	Wild, salt, or prairie grasses.....	acres.. 113	266	319	6, 425	176	19, 948	7, 376	427
27	Small grains cut for hay.....	acres.. 263	26, 483	13, 372	8, 432	2, 525	22	4, 345	856
28	Annual legumes cut for hay.....	acres.. 32	97, 820	30, 458	10, 135	6, 260	82	12, 341	6, 695
29	Silage crops.....	acres.. 36	121	1, 556	372	282	2, 825	400	13, 940
30	Corn cut for forage.....	acres.. 6, 231	163	1, 851	720	339	6, 058	475	594
31	Kafir, sorghum, etc., for forage.....	acres.. 882	1, 120	5, 047	1, 078	3, 777	737	359	707
32	Root crops for forage.....	acres.. 1, 772	804	5, 764	1, 388	1, 401	1, 035	335	14, 055
33	Potatoes (Irish or white).....	acres.. 2, 050	28, 889	13, 005	23, 773	10, 961	9, 104	11, 944	25, 866
34	Other vegetables.....	acres.. 4, 738	33, 244	25, 447	19, 727	26, 031	23, 420	11, 703	1, 094
35	Miscellaneous crops:								
36	Hops.....	acres.. 151	61	67	201	72	2, 182	170	2, 437
37	Small fruits:								
38	Total.....	acres.. 68	90	20	168	120	5, 986	217	1, 899
39	Strawberries.....	acres.. 185	236	1, 661	197	283	3, 753	.....	9, 184
40	Raspberries.....	acres.. 1, 330	1, 116	4, 720	902	972	23, 567	14	701
41	Blackberries and dewberries.....	acres.. 12	330	628	911	630	730	57	2, 192
42	Loganberries.....	acres.. 76	709	1, 046	1, 521	1, 388	2, 932	.....	1, 806
43	Orchard fruits:								
44	Total.....	acres.. 149	11	40	309	17	1, 117	.....	230
45	Apples.....	acres.. 2, 356	135	500	772	67	14, 312	.....	2, 634
46	Peaches.....	acres.. 223	1, 064	1, 017	392	1, 080	4, 536	161	1, 402
47	Plums and prunes.....	bushels.. 25, 099	65, 383	59, 710	22, 447	46, 489	420, 034	7, 743	132, 277
48	Cherries.....	acres.. 15	192	38	20	265	630	5	108
49	Nuts:								
50	Total.....	acres.. 106	182	55	42	82	445	10	705
51	Walnuts (Persian or English).....	acres.. 181, 088	284, 448	82, 448	28, 067	131, 886	1, 174, 625	4, 804	1, 588, 170
52	Other nuts.....	acres.. 20	80	21	14	50	122	1	116
53	Small fruits:								
54	Total.....	acres.. 35, 803	131, 651	26, 394	12, 644	98, 731	177, 550	535	117, 024
55	Strawberries.....	acres.. 3	32	15	10	13	70	3	262
56	Raspberries.....	acres.. 3, 474	77, 425	30, 342	7, 553	10, 891	95, 846	1, 183	268, 313
57	Blackberries and dewberries.....	acres.. 48	59	10	6	8	38	2	64
58	Loganberries.....	acres.. 58, 465	68, 466	11, 813	3, 033	15, 686	74, 772	882	160, 064
59	Orchard fruits:								
60	Total.....	acres.. 81	2	4	1	6	207	1	256
61	Apples.....	acres.. 80, 825	1, 900	9, 381	806	1, 720	317, 498	214	1, 029, 326
62	Peaches.....	acres.. 3, 388	133, 639	19, 518	5, 367	117, 387	89, 958	1, 692	297, 737
63	Plums and prunes.....	acres.. 13, 099	362, 732	196, 155	34, 811	416, 975	295, 303	12, 980	756, 170
64	Cherries.....	bushels harvested.. 24, 785	832, 607	291, 691	37, 550	489, 948	445, 990	9, 608	761, 055
65	Nuts:								
66	Total.....	acres.. 2, 274	28, 548	3, 754	3, 327	92, 344	11, 081	956	18, 561
67	Walnuts (Persian or English).....	acres.. 10, 262	196, 176	129, 332	23, 175	277, 801	114, 134	8, 349	182, 891
68	Other nuts.....	bushels harvested.. 23, 156	528, 119	233, 942	26, 158	318, 502	245, 991	5, 941	883, 756
69	Small fruits:								
70	Total.....	acres.. 24	2, 241	297	195	1, 754	847	295	1, 742
71	Apples.....	acres.. 17	25, 804	3, 370	2, 805	50, 490	5, 451	1, 875	24, 720
72	Peaches.....	bushels harvested.. 4	50, 770	4, 208	3, 320	69, 116	4, 585	1, 889	27, 510
73	Plums and prunes.....	acres.. 197	2, 655	2, 609	239	2, 175	2, 288	110	3, 693
74	Cherries.....	acres.. 420	11, 361	11, 443	2, 001	11, 878	12, 591	889	23, 664
75	Nuts:								
76	Total.....	acres.. 436	23, 140	5, 096	1, 956	16, 185	20, 034	978	13, 688
77	Walnuts (Persian or English).....	acres.. 753	91, 522	7, 613	1, 201	10, 388	73, 306	213	268, 213
78	Other nuts.....	acres.. 2, 015	110, 218	26, 912	4, 194	26, 803	150, 923	1, 204	494, 993
79	Small fruits:								
80	Total.....	acres.. 1, 063	209, 959	35, 714	4, 064	42, 590	162, 290	628	316, 665
81	Apples.....	acres.. 138	8, 652	5, 245	310	9, 302	2, 434	116	5, 523
82	Peaches.....	acres.. 376	19, 093	25, 084	2, 577	47, 949	12, 195	603	29, 899
83	Plums and prunes.....	bushels harvested.. 122	20, 601	12, 686	2, 034	37, 632	13, 080	672	18, 436
84	Cherries.....	acres.. 4	2, 412	10	.....	368	1, 908	160	720
85	Nuts:								
86	Total.....	acres.. 15	22, 498	67	43, 619	33, 097	387, 174	900	6, 304
87	Walnuts (Persian or English).....	acres.. 238, 327	290	.....	313, 536	.....	.....	.....	76, 915
88	Small fruits:								
89	Total.....	acres.. 16	103	6	36	345	10, 615	4	20, 576
90	Walnuts (Persian or English).....	acres.. 14	36	.....	958	12, 200	41	27, 762	113, 671
91	Other nuts.....	acres.. 41	235	.....	1, 012	7, 878	89, 666	565	20, 539
92	Small fruits:								
93	Total.....	acres.. 9	85	.....	176	10, 553	12, 128	4	27, 676
94	Walnuts (Persian or English).....	acres.. 14	22	.....	19	153	89, 418	.....	112, 806
95	Other nuts.....	acres.. 41	200	.....	892	1, 846	.....	.....	.....

AGRICULTURE—OREGON.

71

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

	THE STATE.	Baker.	Benton.	Clackamas.	Clatsop.	Columbia.	Coos.
MORTGAGE DEBT REPORTS: 1920.							
1 For all farms operated by owners:							
2 Number free from mortgage debt.....	18,077	474	458	1,636	173	485	392
3 Number with mortgage debt.....	17,843	653	488	1,259	163	318	405
4 Number with no mortgage report.....	3,943	148	86	300	51	47	117
5 For farms consisting of owned land only:							
6 Number of farms reporting amount of debt.....	14,355	580	380	904	157	282	354
7 Value of land and buildings.....dollars..	106,663,433	7,306,651	4,282,632	7,626,760	1,484,094	1,873,330	3,366,750
8 Amount of mortgage debt.....dollars..	51,999,178	2,776,512	1,066,822	2,177,322	486,694	503,810	1,140,977
9 Ratio of debt to value.....per cent..	31.2	38.0	24.9	28.5	32.8	26.9	33.9
10 Average rate of interest paid.....per cent..	6.5	7.1	6.2	6.2	6.0	6.2	6.2
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.							
11 Labor:							
12 Farms reporting.....number..	27,959	951	677	2,052	206	478	518
13 Total expenditure.....dollars..	21,030,685	744,033	317,882	516,871	96,305	159,649	239,782
14 Amount in cash.....dollars..	17,161,505	596,618	278,237	445,746	73,477	136,419	195,008
15 Value of rent and board furnished.....dollars..	3,869,080	147,415	39,645	71,125	22,828	24,130	44,774
16 Fertilizer:							
17 Farms reporting.....number..	5,614	23	189	716	62	83	53
18 Amount expended.....dollars..	489,524	8,012	7,624	38,390	3,309	2,772	2,569
19 Feed:							
20 Farms reporting.....number..	34,404	1,025	944	2,886	374	835	821
21 Amount expended.....dollars..	13,390,428	838,443	312,414	715,488	151,911	204,423	159,707
	Crook.	Curry.	Deschutes.	Douglas.	Gilliam.	Grant.	Harney.
MORTGAGE DEBT REPORTS: 1920.							
1 For all farms operated by owners:							
2 Number free from mortgage debt.....	192	140	236	957	80	334	267
3 Number with mortgage debt.....	274	96	347	671	191	280	230
4 Number with no mortgage report.....	44	45	57	210	29	38	24
5 For farms consisting of owned land only:							
6 Number of farms reporting amount of debt.....	204	81	309	573	139	213	176
7 Value of land and buildings.....dollars..	3,678,652	852,400	2,263,710	5,158,838	3,478,485	2,352,515	2,619,580
8 Amount of mortgage debt.....dollars..	1,128,812	197,087	751,734	1,447,304	1,176,780	866,546	856,030
9 Ratio of debt to value.....per cent..	30.7	23.1	33.2	28.1	33.8	36.8	32.7
10 Average rate of interest paid.....per cent..	6.4	6.2	6.6	6.3	6.8	6.8	6.4
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.							
11 Labor:							
12 Farms reporting.....number..	292	139	306	1,106	348	420	310
13 Total expenditure.....dollars..	491,436	87,304	129,475	535,390	685,817	442,784	509,242
14 Amount in cash.....dollars..	346,811	71,050	104,941	469,387	444,015	327,672	365,326
15 Value of rent and board furnished.....dollars..	144,625	16,254	24,534	66,003	241,802	115,212	143,916
16 Fertilizer:							
17 Farms reporting.....number..	58	6	325	107	4	5	8
18 Amount expended.....dollars..	46,612	163	20,333	8,638	4,292	19,105	2,760
19 Feed:							
20 Farms reporting.....number..	331	211	378	1,400	264	387	305
21 Amount expended.....dollars..	238,206	28,954	125,868	223,449	154,234	339,566	435,173
	Hood River.	Jackson.	Jefferson.	Josephine.	Klamath.	Lake.	Lane.
MORTGAGE DEBT REPORTS: 1920.							
1 For all farms operated by owners:							
2 Number free from mortgage debt.....	162	682	97	270	434	286	1,240
3 Number with mortgage debt.....	436	556	155	234	840	178	951
4 Number with no mortgage report.....	53	152	37	66	60	28	466
5 For farms consisting of owned land only:							
6 Number of farms reporting amount of debt.....	379	458	152	213	264	146	731
7 Value of land and buildings.....dollars..	5,043,800	5,374,330	1,171,951	1,746,725	2,952,175	1,550,733	6,269,199
8 Amount of mortgage debt.....dollars..	1,507,375	1,558,974	350,363	448,528	1,112,654	677,735	1,869,623
9 Ratio of debt to value.....per cent..	29.9	29.0	29.9	25.7	37.7	37.3	29.8
10 Average rate of interest paid.....per cent..	6.5	6.4	6.9	6.4	6.9	6.8	6.2
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.							
11 Labor:							
12 Farms reporting.....number..	673	945	316	320	573	320	1,376
13 Total expenditure.....dollars..	915,112	695,734	227,525	144,747	492,850	461,417	421,919
14 Amount in cash.....dollars..	885,744	619,314	172,314	131,689	375,488	360,339	375,257
15 Value of rent and board furnished.....dollars..	29,368	76,420	55,211	13,058	117,362	95,078	46,662
16 Fertilizer:							
17 Farms reporting.....number..	420	526	8	166	63	9	163
18 Amount expended.....dollars..	73,004	31,614	419	7,241	4,225	1,651	11,647
19 Feed:							
20 Farms reporting.....number..	721	1,176	308	460	583	314	2,237
21 Amount expended.....dollars..	167,197	292,960	72,601	78,085	300,372	218,289	488,706

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

	Lincoln.	Linn.	Malheur.	Marion.	Morrow.	Multnomah.	Polk.	Sherman.
MORTGAGE DEBT REPORTS: 1920.								
1 For all farms operated by owners:								
2 Number free from mortgage debt.....	281	1,048	414	1,419	132	672	616	67
3 Number with mortgage debt.....	270	981	543	1,249	398	481	621	163
4 Number with no mortgage report.....	94	234	118	233	41	63	137	25
5 For farms consisting of owned land only:								
6 Number of farms reporting amount of debt.....	235	730	497	983	311	376	512	82
7 Value of land and buildings.....dollars..	1,277,250	7,013,975	7,516,123	9,978,861	7,794,660	3,291,910	6,309,906	3,568,410
8 Amount of mortgage debt.....dollars..	368,093	2,151,047	2,138,718	3,099,983	2,677,074	986,405	1,944,145	989,476
9 Ratio of debt to value.....per cent..	28.8	30.7	28.5	31.1	34.3	30.0	30.8	27.7
10 Average rate of interest paid.....per cent..	6.2	6.1	7.4	6.1	6.6	6.3	6.2	6.4
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.								
11 Labor:								
12 Farms reporting.....number..	234	1,554	808	2,205	483	1,017	996	375
13 Total expenditure.....dollars..	40,125	452,117	1,101,279	1,210,329	842,476	880,633	680,708	723,649
14 Amount in cash.....dollars..	32,616	373,249	840,751	1,099,565	645,688	759,091	622,204	559,084
15 Value of rent and board furnished.....dollars..	7,609	78,868	260,528	110,764	196,788	121,542	64,499	107,565
16 Fertilizer:								
17 Farms reporting.....number..	53	219	11	518	6	327	149	2
18 Amount expended.....dollars..	2,912	8,736	2,010	54,865	4,344	29,760	17,475	3,500
19 Feed:								
20 Farms reporting.....number..	518	1,961	720	2,443	450	1,434	1,040	322
21 Amount expended.....dollars..	83,188	416,938	656,635	617,474	343,954	1,036,825	257,417	233,478
	Tillamook.	Umatilla.	Union.	Wallowa.	Wasco.	Washing- ton.	Wheeler.	Yamhill.
MORTGAGE DEBT REPORTS: 1920.								
1 For all farms operated by owners:								
2 Number free from mortgage debt.....	215	691	409	438	373	1,288	103	920
3 Number with mortgage debt.....	377	913	554	448	529	1,019	214	858
4 Number with no mortgage report.....	33	135	68	32	196	194	16	271
5 For farms consisting of owned land only:								
6 Number of farms reporting amount of debt.....	339	636	440	373	417	705	188	681
7 Value of land and buildings.....dollars..	4,689,380	10,619,170	7,745,316	5,089,366	5,079,102	6,892,595	2,857,072	6,407,527
8 Amount of mortgage debt.....dollars..	1,719,139	3,132,698	2,350,621	1,560,774	1,642,218	2,247,082	913,260	2,077,668
9 Ratio of debt to value.....per cent..	36.7	29.5	30.3	30.7	32.3	32.6	32.0	32.0
10 Average rate of interest paid.....per cent..	6.2	6.8	6.5	7.3	6.5	6.1	6.5	6.2
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.								
11 Labor:								
12 Farms reporting.....number..	392	1,705	854	661	833	1,861	199	1,456
13 Total expenditure.....dollars..	135,110	2,387,765	648,194	624,102	1,163,447	705,795	380,695	733,092
14 Amount in cash.....dollars..	108,694	1,881,636	525,257	450,439	632,040	594,467	287,393	672,769
15 Value of rent and board furnished.....dollars..	26,416	506,129	122,937	173,663	231,407	111,328	93,302	60,323
16 Fertilizer:								
17 Farms reporting.....number..	39	42	48	21	74	834	.....	277
18 Amount expended.....dollars..	686	7,301	8,017	3,508	8,111	25,553	.....	18,026
19 Feed:								
20 Farms reporting.....number..	690	1,771	936	741	839	2,576	213	1,715
21 Amount expended.....dollars..	362,691	955,613	352,122	640,086	266,508	974,599	124,469	548,485

IRRIGATION—OREGON.

INTRODUCTION.

The following pages present the statistics of irrigation for the state of Oregon collected at the census of 1920. Statistics of acreage irrigated, of acreage, yield, and value of crops grown on irrigated land, and of cost of operation and maintenance relate to the year 1919; other items relate to the year 1920. Throughout the report figures for the census of 1910 are given for purposes of comparison; and, for the purpose of show-

ing the historical development of irrigation, items which have been reported in censuses previous to 1910 are presented.

Statistics of number of farms irrigated and of acreage, yield, and value of crops grown on irrigated land were collected in the general census of agriculture. All other statistics were obtained in a special canvass of irrigation enterprises.

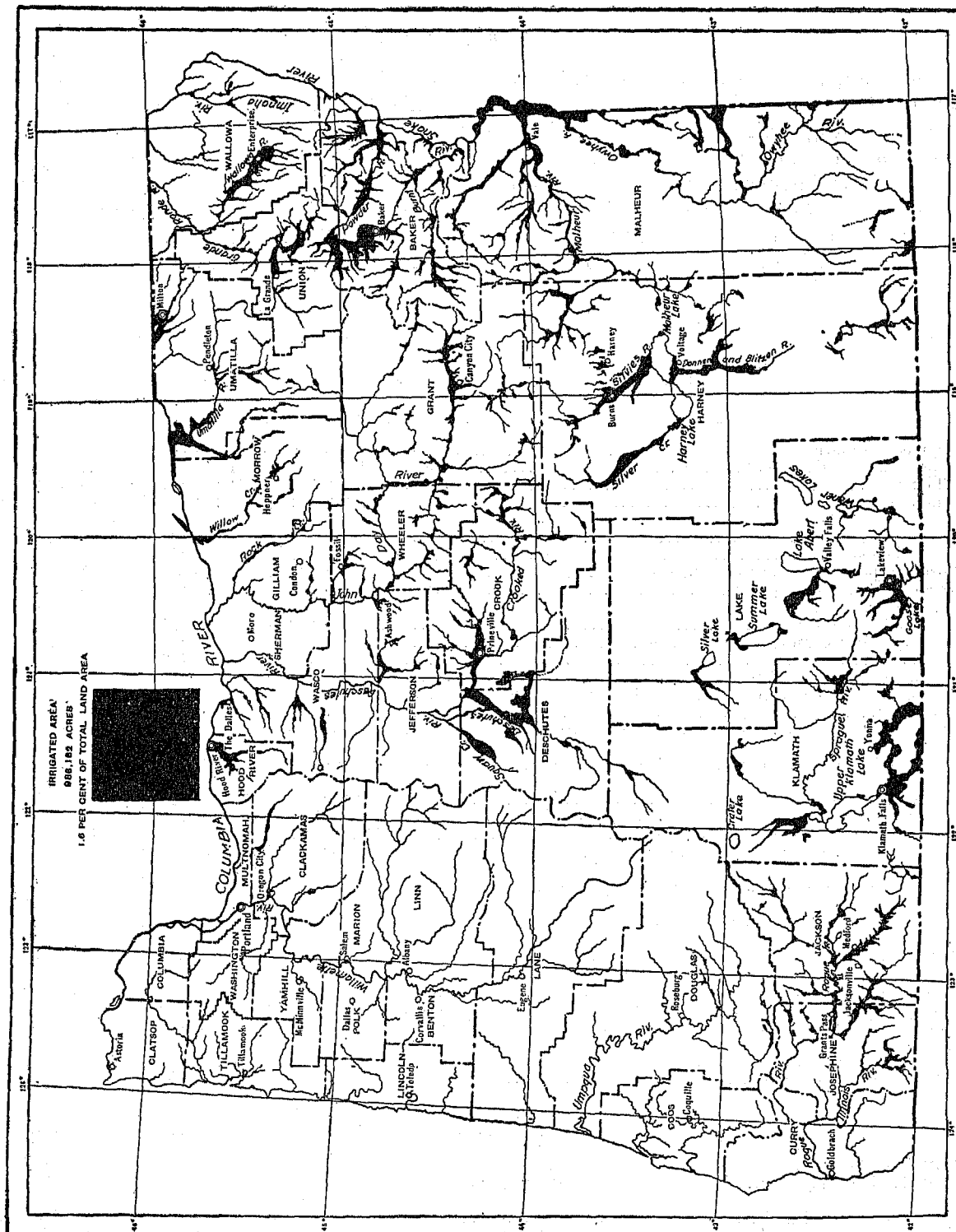
TABLE 1.—SUMMARY FOR THE STATE: 1920 AND 1910.

ITEM.	CENSUS OF—		INCREASE. ¹	
	1920	1910	Amount.	Per cent.
Number of all farms.....	50,206	45,502	4,704	10.3
Approximate land area of the state.....acres..	61,188,480	61,188,480		
All land in farms.....acres..	13,542,318	11,685,110	1,857,208	15.9
Improved land in farms.....acres..	4,913,851	4,274,803	639,048	14.9
Number of farms irrigated.....	9,154	6,669	2,485	37.3
Area irrigated.....acres..	986,162	686,129	300,033	43.7
Area enterprises were capable of irrigating.....acres..	1,344,046	880,526	513,520	61.8
Area included in enterprises.....acres..	1,925,987	2,527,208	-601,221	-23.8
Per cent irrigated:				
Number of all farms.....	18.2	14.7	3.5	
Approximate land area of the state.....	1.6	1.1	0.5	
Land in farms.....	7.3	5.9	1.4	
Improved land in farms.....	20.1	16.1	4.0	
Excess of area enterprises were capable of irrigating over area irrigated.....acres..	357,884	144,397	213,487	147.8
Excess of area included in enterprises over area irrigated.....acres..	939,825	1,841,079	-901,254	-49.0
Area of irrigated land reported as available for settlement.....acres..	98,609	(²)		
Capital invested.....	\$28,929,151	\$12,760,214	\$16,168,937	126.7
Average per acre enterprises were capable of irrigating.....	\$21.52	\$15.36	\$6.16	40.1
Estimated final cost of existing enterprises.....	\$41,585,742	\$39,216,619	\$2,369,123	6.0
Average per acre included in enterprises.....	\$21.59	\$15.52	\$6.07	39.1
Average cost of operation and maintenance per acre.....	\$1.19	\$0.75	\$0.44	58.7
IRRIGATION WORKS.				
Number of enterprises.....	4,710	3,745	965	25.8
Number of main ditches.....	5,252	3,582	1,670	46.6
Length of main ditches.....miles..	7,115	5,539	1,576	28.5
Capacity of main ditches.....second-feet..	28,897	39,686	-10,789	-27.2
Number of lateral ditches.....	2,784	2,518	266	10.6
Length of lateral ditches.....miles..	1,956	2,052	-96	-4.7
Number of reservoirs.....	266	271	-5	-1.8
Capacity of reservoirs.....acre-feet..	1,905,037	1,024,266	880,771	86.0
Number of flowing wells.....	65	51	14	
Capacity of flowing wells.....gallons per minute..	11,968	3,035	8,933	294.3
Number of pumped wells.....	208	92	116	
Capacity of pumped wells.....gallons per minute..	47,026	20,883	26,143	125.2
Number of pumping plants.....	573	229	344	150.2
Engine capacity.....horsepower..	13,769	3,095	10,674	344.9
Pump capacity.....gallons per minute..	600,045	118,514	481,531	406.3
Average lift.....feet..	28	(²)	28	

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

² Not reported in 1910.

APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND.



EXPLANATION OF TERMS.

Farms irrigated.—The number of "farms irrigated" is the number on which irrigation is practiced, and for the purposes of this inquiry a "farm" is defined as for the general census of agriculture; that is, to be classed as a farm an establishment either must be 3 acres in extent or must have produced crops to the value of \$250 in 1919, or must have required for its agricultural operations the continuous services of at least one person. "Number of farms irrigated" as used in this report and in that of 1910, is equivalent to the term "number of irrigators" used in census reports on irrigation previous to 1910.

Irrigation enterprise.—An "enterprise" is an independent irrigation establishment and includes the works for supplying water and the land to which water is supplied or is to be supplied, except that the cost or value of the land is not included in the "capital invested."

Acreage irrigated, in enterprises, and available for settlement.—Acreage irrigated is the acreage to which water was actually applied in the season preceding the census year—1919 for the Fourteenth Census and 1909 for the Thirteenth Census.

Acreage to which enterprises were capable of supplying water relates to the season following the time of taking the census and, consequently, is based on estimates made by those controlling the enterprises.

Acreage included in enterprises represents the extent of the plans of those controlling enterprises.

Acreage of irrigated land reported as available for settlement relates to land within existing enterprises and not to land that is susceptible of reclamation and settlement by new enterprises or extensions of existing enterprises.

Types of enterprises.—The types of enterprises under which all data are classified are as follows:

United States Reclamation Service enterprises, which operate under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands. In addition to serving land within its own projects, the United States Reclamation Service supplies stored water to land within other enterprises.

United States Indian Service enterprises, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction and for the operation and maintenance of irrigation works.

Cooperative enterprises, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

Commercial enterprises, which supply water for compensation to parties who may own no interest in the works.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization.

Capital invested.—The capital invested in irrigation enterprises is that reported by the owners. For the larger works the capital invested is taken, in most cases, from books of account and represents the actual investment. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the capital reported represents the owners' estimates. The schedules used in 1910 called for "cost," while the

schedules used in the present census called for "capital invested," but the instructions accompanying the schedules make these two terms equivalent. In both cases the investment includes cost of construction and of acquiring rights. The latter usually consists of filing fees only, but in some instances it includes the purchase price of rights. However, these cases are so rare that they are unimportant. The cost reported for 1900 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. For the Thirteenth and Fourteenth Censuses the average cost per acre is based on the acreage which enterprises were capable of irrigating in the census year and the cost to the date of the census—January 1, 1920, for the Fourteenth Census, and July 1, 1910, for the Thirteenth Census.

Operation and maintenance.—Cost of operation and maintenance was not reported on all schedules, and averages are based on the acreages for which cost is reported. No estimate of total cost of operation and maintenance for all irrigation enterprises has been made. In the case of enterprises operating pumping plants the cost of operation and maintenance includes cost of fuel and attendance.

Water rights.—The acreage irrigated has been classified by the character of rights under which water is received. The classes used are defined as follows:

"Appropriation and use" includes all rights acquired without formalities of any kind that have not been defined by the courts.

"Notice filed and posted" includes rights for which claims of some kind have been either posted or filed that have not been defined by the courts.

"Adjudicated by court" includes all rights that have been defined by the courts.

"Permit from state" includes all rights initiated under laws requiring any party wishing to acquire rights to obtain a permit from the state.

"Certificate or license from the state" includes rights acquired under laws providing for the issuing by the state of certificates or licenses defining rights acquired.

"Riparian rights" includes rights based on the ownership of riparian land.

"Underground" represents water taken from wells.

Source of water supply.—In classifying acreage by source of supply from which water for irrigation is obtained, in 1910 acreage was credited to what seemed to be the principal source of supply, while in the census of 1920 the attempt is made to represent the facts more nearly by presenting various mixed classes.

Date of beginning.—The date of beginning of irrigation enterprises is, in some cases, the date when construction began, and, in other cases, the date of filing a claim or of applying for a permit. If a filing or application for permit was made and work was begun and continued with reasonable diligence the date of filing is considered the date of beginning, otherwise the date of construction is taken as the date of beginning.

Drainage basin.—The drainage basin of a stream is all of the land drained by the stream and its tributaries.

Units of quantity and capacity.—Capacities of canals, reservoirs, wells, pumps, and engines, and quantities of water used are expressed in the units commonly used in engineering literature to express the same items. They are as follows:

Capacities of canals and volumes of flowing water are given in second-feet, a shorter equivalent for cubic feet per second.

Capacities of wells and pumps are given in gallons per minute. Four hundred and fifty gallons per minute equal 1 second-foot.

Capacities of reservoirs are given in acre-feet. An acre-foot is the quantity of water that will cover 1 acre to a depth of 1 foot. It equals 43,560 cubic feet.

Capacities of engines and motors are given in horsepower. One horsepower is the power required to lift 33,000 pounds through a vertical distance of 1 foot in 1 minute of time.

CLIMATIC CONDITIONS.

The climatic conditions determining the necessity for irrigation are the amount and seasonal distribution of precipitation, principally rainfall. From the standpoint of amount of precipitation Oregon is divided into two distinct portions by the Cascade Mountains.

The portion of the state west of the Cascades receives the heaviest rainfall of any part of the United States, while east of the Cascades the rainfall is so small that this part of the state is mostly arid. West of the mountains, however, there is a fairly distinct dry season, only 10 per cent of the annual precipitation occurring in June, July, August, and September. This makes irrigation necessary to the maturing of crops whose growing season extends into the late summer, and makes it desirable for pastures at this season.

The chief characteristics of the climate of the part of the state east of the Cascades are a scanty rainfall, low humidity, rapid evaporation, and an abundance of sunshine. The annual precipitation ranges from 8 to 25 inches. At the summit of the Cascades the annual precipitation exceeds 40 inches; it decreases to the eastward, and reaches 15 inches about the center of the state. East of this there is a section receiving less than 15 inches, extending in a narrow strip to the north line of the state, but expanding to the southward, and occupying the whole southeast third of the state. In the Blue Mountains, in the northeastern part of the state, the precipitation increases to about 25 inches.

The precipitation is heaviest in the winter, but there is a secondary maximum in May and June, with a very dry period during the late summer. The relatively large winter and spring precipitation makes it possible to raise grain crops without irrigation in most sections in normal years, but irrigation is necessary for the growing of other crops except in some of the higher valleys.

The snowfall in the Cascades is very heavy, and snow remains on some of the higher peaks throughout the year.

For the state as a whole, precipitation in 1919 was slightly above the normal. There was a large excess in the western section and a slight deficiency in the eastern section. While the deficiency for the year was small, there was a marked drouth in spring and summer throughout the state, May and June recording the lowest amounts ever recorded for those months, and July having the lowest precipitation on record with two exceptions. In the eastern division of the state the precipitation from May to August, inclusive, was only 0.84 inch, which is but 26 per cent of the normal. As a consequence of this drouth both irrigated and nonirrigated crops suffered.

WATER SUPPLY FOR IRRIGATION.

West of the Cascade Mountains the heavy precipitation and the large flow of the streams provide an ample supply of water for the small amount of irrigation practiced during the summer dry season. Only small areas are irrigated in this part of the state.

Deschutes River and its tributaries drain the eastern slope of the Cascade Mountains in Oregon, and a considerable area of the high plains to the east of the mountains. Because of the character of its drainage area this river has a remarkably uniform flow, and, consequently, it is a valuable source of water for irrigation. Throughout its lower course it flows in a deep canyon and is not used for irrigation. In the central part of its course there are several large enterprises in the course of development.

John Day River rises in the Blue Mountains and flows west and north to the Columbia. The river and its tributaries are used for irrigation in the valleys near the headwaters, but for the last 100 miles of its course the river flows in a deep canyon and is not used for irrigation.

Umatilla River also rises in the Blue Mountains and flows in a northwesterly direction to the Columbia. There are large level areas along its lower course near the Columbia, and works have been built to utilize its waters.

Grande Ronde River, also, rises in the Blue Mountains. It flows to the northeast into Snake River. Near its source it flows through Grande Ronde Valley, where there is a large area of agricultural land.

Powder and Burnt Rivers rise in these same mountains and flow to the southeast into Snake River, supplying water to considerable areas.

Malheur River rises in the southern part of the Blue Mountains and flows in an easterly direction to Snake River. Its waters are used for irrigation.

Owyhee River rises in northern Nevada, flows through the southwest corner of Idaho, and then in a northerly direction in Oregon to Snake River. Its waters are used for irrigation in all three of the states through which it flows.

In south central Oregon there are many streams rising in the hills and flowing into lakes or sinks which have no outlets. The larger streams are Silvies River and Donner and Blitzen River. These flow into Malheur Lake, one from the north and the other from the south. Both are used for irrigation. There are many small streams of a similar character.

West of this Great Basin drainage is the drainage basin of Klamath River. There are large projects on this stream in the vicinity of Klamath Lake.

Taking the state as a whole, there are still large opportunities for irrigation development, since there are immense areas of tillable land, and large unused supplies of water.

FARMS AND ACREAGE IRRIGATED.

TABLE 2.—NUMBER OF FARMS AND ACREAGE IRRIGATED:
1890 to 1920.

CENSUS YEAR.	FARMS IRRIGATED.			AREA IRRIGATED.				
	Num-ber.	Per cent of in-crease.	Per cent of all farms.	Acres.	Per cent of in-crease.	Per cent of total land area.	Per cent of land in farms.	Per cent of im-proved land in farms.
1920.....	9,154	37.3	18.2	986,162	43.7	1.6	7.3	20.1
1910.....	6,669	43.9	14.7	686,129	76.7	1.1	5.9	16.1
1900.....	4,636	47.2	12.9	388,810	118.2	0.6	3.9	11.7
1890.....	3,150	.....	12.3	177,944	.....	0.4	2.6	5.1

TABLE 3.—ACREAGE, CLASSIFIED BY DATE OF BEGINNING OF ENTERPRISES SUPPLYING WATER FOR IRRIGATION.

DATE OF BEGINNING.	Number of enter-prises.	Area in-cluded in enter-prises, 1920 (acres).	AREA IRRIGATED IN 1919.		Area enter-prises were ca-pable of irrigating in 1920 (acres).
			Acres.	Per cent of acre-ages in enter-prises.	
Total.....	4,710	1,925,987	986,162	51.2	1,344,046
Before 1860.....	64	10,528	8,206	77.9	9,409
1860-1869.....	211	56,754	46,917	82.7	51,216
1870-1879.....	433	130,199	90,950	69.9	101,727
1880-1889.....	889	270,789	198,053	71.8	248,957
1890-1899.....	732	181,252	123,043	67.9	143,186
1900-1904.....	461	237,259	123,043	52.1	172,649
1905-1909.....	390	434,990	142,750	32.8	237,689
1910-1914.....	513	257,831	91,425	35.5	111,063
1915-1919.....	478	214,025	62,453	29.2	151,145
Not reported.....	539	126,324	98,106	77.7	117,109

TABLE 4.—ACREAGE, CLASSIFIED BY SOURCE OF WATER SUPPLY:
1919 AND 1909.

CLASS.	AREA IRRIGATED (ACRES).				Area enter-prises were capable of irrigat-ing in 1920 (acres).	Area included in enter-prises, 1920 (acres).
	1919	1909	Increase. ¹			
			Amount.	Per cent.		
Total.....	986,162	686,129	300,033	43.7	1,344,046	1,925,987
Streams, gravity.....	786,354	643,281	143,073	22.2	1,070,244	1,423,089
Streams, pumped.....	64,576	3,585	60,991	.....	81,138	96,562
Streams, pumped and gravity.....	253	(²)	253	.....	263	293
Wells, pumped.....	1,993	305	1,188	147.6	2,418	2,723
Wells, flowing.....	72	655	-583	-89.0	146	430
Wells, flowing and pumped.....	340	(²)	340	.....	340	340
Lakes, pumped.....	1,620	821	799	97.3	1,787	1,875
Lakes, gravity.....	5,760	22,915	-17,165	-74.9	31,779	31,779
Springs.....	9,584	10,788	-1,204	-11.2	10,610	13,813
Stored storm water.....	3,763	3,270	484	14.8	5,522	9,635
City water.....	258	(²)	258	.....	264	264
Sewage.....	10	(²)	10	.....	10	10
Streams, gravity, and pumped wells.....	105	(²)	105	.....	105	130
Streams, gravity, and flowing wells.....	200	(²)	200	.....	200	450
Other mixed.....	111,137	(²)	111,137	.....	139,073	344,475
Other and not reported.....	147	(²)	147	.....	147	163

¹ A minus sign (-) denotes decrease. Per cent not shown when more than 1,000.
² Not included in 1909 classification.

ACREAGE, BY CHARACTER OF ENTERPRISE.

Oregon enacted its original irrigation district law in 1895, and this act, as amended from time to time, is still in force.

The conditions of the Federal Carey Act (act of Congress, Aug. 18, 1894) were accepted by Oregon in

1901, and several large projects were begun under this act. These were not successful and in 1913 the state took over one of these projects and is completing it. This is reported under "Carey Act" in Table 5. The small area credited to the state belongs to a state institution, and does not represent a scheme of state construction.

The land in the Klamath project of the United States Reclamation Service has been organized into an irrigation district, but the acreage is credited to the Reclamation Service because the Government constructed the works and still controls them to a large extent. The Reclamation Service also supplies some water under special contract to lands included in another irrigation district and, to that extent, the acreage credited to the Reclamation Service in Table 5 does not represent the entire acreage receiving water from its works.

TABLE 5.—ACREAGE, CLASSIFIED BY CHARACTER OF ENTERPRISE:
1920 AND 1910.

ITEM AND CLASS.	CENSUS OF—		INCREASE. ¹	
	1920	1910	Acres.	Per cent.
ACREAGE IRRIGATED.				
Total.....	986,162	686,129	300,033	43.7
Individual and partnership.....	590,626	410,078	180,548	44.0
Cooperative.....	186,037	149,985	36,052	24.0
Irrigation district.....	92,081	1,500	90,581	.....
Carey Act.....	30,665	24,750	5,915	23.9
Commercial.....	27,338	77,387	-50,049	-64.7
U. S. Reclamation Service.....	54,981	22,000	32,981	149.9
U. S. Indian Service.....	4,000	429	3,571	832.4
State.....	.....	.....	.....	.....
City.....	330	(²)	330	.....
Other.....	104	(²)	104	.....
ACREAGE ENTERPRISES WERE CAPABLE OF IRRIGATING.				
Total.....	1,344,046	830,526	513,520	61.8
Individual and partnership.....	689,723	454,074	235,649	51.9
Cooperative.....	236,171	169,944	66,227	39.0
Irrigation district.....	198,540	1,500	197,040	.....
Carey Act.....	67,580	65,500	2,080	3.2
Commercial.....	67,163	93,750	-26,587	-28.4
U. S. Reclamation Service.....	70,525	45,310	25,200	68.9
U. S. Indian Service.....	7,600	439	7,161	.....
State.....	300	(²)	300	.....
City.....	340	(²)	340	.....
Other.....	104	(²)	104	.....
ACREAGE INCLUDED IN ENTERPRISES.				
Total.....	1,925,987	2,527,208	-601,221	-23.8
Individual and partnership.....	828,471	619,980	208,485	33.6
Cooperative.....	329,241	399,632	-70,391	-17.6
Irrigation district.....	271,172	5,980	265,192	.....
Carey Act.....	164,970	623,264	-458,294	-73.5
Commercial.....	150,289	692,467	-542,178	-78.3
U. S. Reclamation Service.....	171,444	185,000	-13,556	-7.3
U. S. Indian Service.....	9,600	870	8,721	992.2
State.....	300	(²)	300	.....
City.....	390	(²)	390	.....
Other.....	110	(²)	110	.....

¹ A minus sign (-) denotes decrease. Per cent not shown when more than 1,000.
² Not included in 1910 classification.

ACREAGE, BY CHARACTER OF WATER RIGHTS.

The laws of Oregon relating to water rights are summarized in the following paragraphs:

Although Oregon was admitted to the Union in 1859, there was no legislation relating to water rights until 1891, when a law relating principally to the rights of corporations organized to supply water for hire was enacted. This law contained the following general declaration regarding water rights:

"All existing appropriations of water made for beneficial purposes, by any person, corporation, or company, in accordance with the laws of the United States, or in accordance with the laws of the state of Oregon, or the decisions of its supreme court, or the established customs and regulations of the district in which such appropriations have been made, shall be respected and upheld to the extent of the amount of water actually appropriated."

In the same year, 1891, it was provided that in any suit regarding water rights all parties taking water from the same source might be made parties to the suit, in order that all rights might be settled in a single action.

In 1905 the office of state engineer was created, but he was given no control over the waters of the state.

In 1909 a new code of water laws was adopted. The state board of control was created and given control over the waters of the state. This board consisted of the state engineer and the superintendents of the two water divisions into which the state was divided. Parties wishing to acquire rights are required to make application to the state engineer for a permit. When rights have been perfected in accordance with a permit proof is submitted to the board of control, which issues a certificate showing what rights have been acquired.

This law also provided a new procedure for adjudicating existing rights. The state engineer and the superintendent of the water division in which the source, the rights to which are being adjudicated, is located, collect all information regarding rights, make surveys of streams, ditches, and lands, and prepare findings and an order defining all rights. All testimony, reports of surveys, and the findings and order are filed with the court, which holds hearings, and issues a decree fixing all rights. Certificates are issued to all claimants in accordance with the decree of court.

Riparian rights are recognized to some extent in Oregon.

TABLE 6.—ACREAGE IRRIGATED, CLASSIFIED BY CHARACTER OF RIGHTS UNDER WHICH WATER IS RECEIVED: 1919 AND 1909.

CLASS.	1919		1909, per cent of total.
	Acres.	Per cent of total.	
Total.....	986,102	100.0	100.0
Appropriation and use.....	148,523	15.1	58.3
Notice filed and posted.....	150,332	15.3	29.0
Adjudicated by court.....	209,915	20.8	5.4
Permit from state.....	131,540	13.3	3.8
Certificate or license from state.....	217,228	22.0	.....
Riparian rights.....	14,277	1.5	3.5
Underground.....	2,235	0.3	(1)
Other and mixed.....	12,159	1.2	(1)
Not reported.....	14,956	1.5	(1)

¹ All land for which the class of water rights was not reported was included in "Appropriation and use."

ACREAGE, BY DRAINAGE BASIN.

The report of a special census taken in 1902 presented all data by drainage basins rather than by counties. The results of the census of 1920 have been tabulated on the same basis, and the data for 1902 are presented for purposes of comparison. For no other census have the results been tabulated in this form. The acreage reported for each drainage basin in 1919 comprises all the irrigated land in that drainage basin, including that watered from springs and wells. In the 1902 results the acreages irrigated from springs and wells were not reported for the smaller tributary streams, but the acreages for the tributaries were included in those reported for the main streams. This area is so small, however, that the comparison of the areas reported for the tributary streams is not seriously affected.

TABLE 7.—ACREAGE IRRIGATED, CLASSIFIED BY DRAINAGE BASIN: 1919 AND 1902.

DRAINAGE BASIN.	AREA IRRIGATED (ACRES).			Area included in enterprises, 1920 (acres).	Area enterprises were capable of irrigating in 1920 (acres).
	1919	1902	Per cent of increase. ¹		
Total.....	986,102	439,981	124.1	1,925,987	1,314,046
Columbia River and tributaries.....	638,223	232,145	174.9	1,145,451	846,918
Columbia River direct.....	92	198	-53.5	223	123
S Snake River and tributaries.....	394,205	167,790	134.9	628,588	489,719
S Snake River direct.....	22,199	415	.....	31,925	25,469
Owyhee River.....	36,295	13,215	174.7	78,311	42,093
Malheur River.....	52,850	40,686	29.9	117,983	79,018
Burnt River.....	94,287	16,042	113.7	54,467	37,506
Powder River.....	146,030	58,482	149.7	188,463	165,826
Pine Creek.....	12,635	10,149	24.5	40,637	39,321
Imnaha River.....	4,828	3,781	27.7	10,146	6,069
Grande Ronde River.....	79,191	22,628	250.0	98,774	87,191
Other tributaries of Snake River.....	5,884	2,392	146.0	8,177	6,026
Walla Walla River.....	17,514	3,321	427.4	18,487	17,780
Umatilla River.....	43,571	4,485	871.5	99,012	83,341
Willow Creek.....	5,553	3,013	84.3	7,159	6,618
John Day River.....	36,141	27,604	30.9	48,191	41,492
Deschutes River.....	111,916	21,108	430.2	291,014	174,790
Hood River.....	19,765	2,837	596.7	39,860	21,101
Willamette River.....	2,892	448	545.5	4,956	4,302
Other tributaries of Columbia River.....	6,574	1,341	390.2	8,491	7,652
Rogue River and tributaries.....	38,569	13,900	177.5	131,131	62,816
Rogue River direct.....	3,256	538	505.2	14,166	4,673
Little Butte Creek.....	6,706	1,208	455.1	54,383	8,417
Bear Creek.....	8,319	2,902	186.7	28,275	14,573
Evans Creek.....	1,333	225	492.4	2,748	1,614
Applegate River.....	10,659	4,239	151.5	17,335	13,012
Illinois River.....	4,961	2,804	76.9	8,705	6,323
Other tributaries of Rogue River.....	3,335	1,984	68.1	5,521	4,204
Klamath River and tributaries.....	90,570	27,724	226.7	239,940	135,099
Klamath River direct.....	3,185	105	.....	5,910	5,800
Lost River.....	58,568	1,180	.....	194,748	95,304
Sprague River.....	7,890	3,690	111.4	10,150	9,980
Other tributaries of Klamath River.....	21,017	22,749	-7.6	29,132	24,015
Other Pacific Ocean streams.....	2,134	(²)	.....	8,695	3,053
Independent streams.....	216,666	166,212	30.4	400,770	305,590
Deep Creek.....	1,906	2,165	-12.0	2,118	2,088
Donner and Blitzen River.....	21,356	34,701	-38.5	54,931	27,959
Silver Creek.....	16,819	13,609	23.6	42,779	17,394
Stivies River.....	64,842	26,041	149.0	102,258	95,807
Thomas Creek.....	5,386	1,980	172.0	5,866	5,466
Other independent streams.....	106,357	87,716	21.3	192,818	150,788

¹ A minus sign (-) denotes decrease. Per cent not shown when more than 1,000.

² Includes springs and wells.

³ Not reported separately in 1902.

CAPITAL INVESTED AND COST OF OPERATION AND MAINTENANCE.

TABLE 8.—CAPITAL INVESTED IN IRRIGATION ENTERPRISES: 1890 TO 1920.

CENSUS YEAR.	Amount.	Per cent of increase.	AVERAGE PER ACRE.	
			Amount.	Per cent of increase.
1920.....	\$28,929,151	126.7	\$21.52	40.1
1910.....	12,760,214	592.1	15.36	223.4
1900.....	1,843,771	123.3	4.75	2.4
1890.....	826,660	.....	4.04	.....

TABLE 9.—CAPITAL INVESTED, CLASSIFIED BY DATE OF BEGINNING.

DATE OF BEGINNING.	Amount.	Per cent of total.	Average per acre.
Total.....	\$28,929,151	100.0	\$21.52
Before 1860.....	151,216	0.5	16.07
1860-1869.....	398,603	1.4	7.73
1870-1879.....	1,072,943	3.7	10.55
1880-1889.....	2,321,551	8.0	9.33
1890-1899.....	1,666,226	5.8	11.64
1900-1904.....	4,193,262	14.5	24.30
1905-1909.....	10,876,802	37.6	45.76
1910-1914.....	2,741,335	9.5	24.68
1915-1919.....	4,759,181	16.4	31.49
Not reported.....	748,032	2.6	6.39

TABLE 10.—CAPITAL INVESTED, 1920, AND COST OF OPERATION AND MAINTENANCE, 1919, CLASSIFIED BY SOURCE OF WATER SUPPLY.

[When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.]

CLASS.	CAPITAL INVESTED, 1920.			OPERATION AND MAINTENANCE, 1919.	
	Amount.	Per cent of total.	Average per acre.	Area for which cost is reported (acres).	Average cost per acre. ¹
Total.....	\$28,929,151	100.0	\$21.52	801,891	\$1.19
Streams, gravity.....	20,028,187	69.2	18.71	631,121	1.00
Streams, pumped.....	2,807,808	9.7	34.61	59,087	3.00
Streams, pumped and gravity.....	3,700	(²)	14.07	253	2.55
Wells, pumped.....	118,800	0.4	48.93	1,419	8.04
Wells, flowing.....	6,900	(²)	47.26	66	9.47
Wells, pumped and flowing.....	26,533	(²)	7.65	20	18.00
Lakes, pumped.....	783,702	2.7	24.68	457	2.52
Lakes, gravity.....	105,946	0.6	15.64	1,735	0.90
Springs.....	124,499	0.4	22.55	6,735	0.92
Stored storm water.....	153,650	0.5	582.01	3,287	1.28
City water.....	1,500	(²)	150.00	252	23.89
Sewage.....	11,500	(²)	109.52	95	17.89
Streams, gravity, and pumped wells.....	1,000	(²)	5.00	200	4.00
Streams, gravity, and flowing wells.....	4,691,072	16.2	33.73	97,014	1.13
Other mixed.....	2,260	(²)	14.07	147	0.78
Not reported.....					

¹ Based on area irrigated in 1919.² Less than one-tenth of 1 per cent.

TABLE 11.—CAPITAL INVESTED, CLASSIFIED BY DRAINAGE BASIN: 1920 AND 1902.

DRAINAGE BASIN.	1920	1902	INCREASE.	
			Amount.	Per cent. ¹
Total.....	\$28,929,151	\$2,089,609	\$26,839,542	.....
Columbia River and tributaries.....	13,480,068	1,385,671	17,094,397	.....
Columbia River direct.....	11,150	3,500	7,650	218.6
Snoke River and tributaries.....	7,093,052	971,743	6,121,309	630.0
Snoke River direct.....	909,478	15,154	894,324	.....
Owyhee River.....	1,154,185	191,736	962,449	502.0
Malheur River.....	2,027,683	282,898	1,744,785	616.8
Burnt River.....	639,491	65,691	573,800	873.5
Powder River.....	1,552,987	208,101	1,284,886	479.3
Pine Creek.....	97,522	36,595	60,927	166.5
Imnaha River.....	206,378	10,885	195,493	.....
Grande Ronde River.....	471,436	82,011	389,425	474.8
Other tributaries of Snake River.....	34,492	18,672	15,820	84.7
Walla Walla River.....	280,934	4,885	276,049	.....
Umatilla River.....	4,308,892	61,430	4,247,462	.....
Willow Creek.....	60,130	20,375	39,764	195.2
John Day River.....	510,248	120,060	390,188	325.0
Deschutes River.....	5,078,636	138,755	4,939,881	.....
Hood River.....	807,269	54,000	753,269	.....
Willamette River.....	100,661	3,240	97,321	.....
Other tributaries of Columbia River.....	228,587	17,683	220,904	.....
Rogue River and tributaries.....	1,783,989	147,223	1,636,766	.....
Rogue River direct.....	165,665	7,540	158,125	.....
Little Butte Creek.....	604,704	10,400	594,304	.....
Bear Creek.....	615,878	20,895	594,983	.....
Evans Creek.....	40,836	2,675	38,161	.....
Applegate River.....	180,894	60,325	120,569	169.9
Illinois River.....	87,966	27,743	60,213	217.0
Other tributaries of Rogue River.....	87,950	17,550	70,406	401.2
Klamath River and tributaries.....	3,811,932	247,560	3,564,372	.....
Klamath River direct.....	43,141	1,100	42,041	.....
Lost River.....	3,451,383	17,550	3,433,833	.....
Sprague River.....	32,368	26,560	5,808	21.9
Other tributaries of Klamath River.....	285,040	202,350	82,690	40.9
Other Pacific Ocean streams.....	191,200	(²)	191,200	.....
Independent streams.....	4,681,932	309,155	4,352,807	.....
Deep Creek.....	6,829	6,100	729	12.0
Donner and Blitzen River.....	131,750	35,400	96,350	272.2
Silver Creek.....	26,016	21,845	4,171	19.1
Silvies River.....	1,005,862	74,310	931,552	.....
Thomas Creek.....	6,360	5,360	1,000	21.4
Other independent streams.....	3,484,999	166,140	3,318,859	.....

¹ Per cent not shown when more than 1,000.² Includes springs and wells.³ Not reported separately in 1902.

In classifying capital invested by type of enterprise (Table 12) the average capital invested per acre is not presented, for the reason that it is not possible to compute this correctly. The United States Reclamation Service supplies stored water to enterprises controlled by agencies of some of the other classes shown in the table and a part of its expenditure is properly chargeable to those lands, but it is not possible to tell how much should be so charged or how it should be distributed among the various classes.

TABLE 12.—CAPITAL INVESTED, 1920, AND COST OF OPERATION AND MAINTENANCE, 1919, CLASSIFIED BY CHARACTER OF ENTERPRISE.

[When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.]

CLASS.	CAPITAL INVESTED, 1920.		OPERATION AND MAINTENANCE, 1919.	
	Amount.	Per cent of total.	Area for which cost is reported (acres).	Average cost per acre. ¹
Total.....	\$28,929,151	100.0	801,891	\$1.19
Individual and partnership.....	6,584,382	22.8	463,527	0.95
Cooperative.....	3,143,098	10.8	157,111	1.09
Irrigation district.....	6,313,753	21.8	72,535	1.56
Carey Act.....	3,231,298	11.2	30,665	2.26
Commercial.....	3,281,034	11.3	18,638	2.47
U. S. Reclamation Service.....	5,050,050	20.6	54,981	1.85
U. S. Indian Service.....	230,038	0.8	4,000	1.00
State.....	16,107	0.1	.....	.....
City.....	171,068	0.6	330	18.39
Other.....	823	(²)	104	0.44

¹ Based on area irrigated in 1919.² Less than one-tenth of 1 per cent.

DRAINAGE OF IRRIGATED LAND.

The acreages reported in Table 13 relate to lands within the boundaries of irrigation projects, and do not include lands within the vicinity of these projects.

TABLE 13.—ACREAGE WITHIN IRRIGATION ENTERPRISES FOR WHICH DRAINS HAVE BEEN INSTALLED AND ADDITIONAL ACREAGE IN NEED OF DRAINAGE: 1920.

Number of enterprises reporting land drained or needing drainage.....	178
Acreage included in enterprises reporting land drained or needing drainage.....	347,750
Acreage for which drains have been installed.....	93,799
Additional acreage needing drainage.....	46,115
Per cent that acreage for which drains have been installed is of total acreage included in enterprises reporting drainage.....	27.0
Per cent that acreage for which drains have been installed is of total acreage included in irrigation enterprises in the state.....	4.9
Per cent that acreage for which drains have been installed plus that needing drainage is of total acreage included in irrigation enterprises in the state.....	7.3

QUANTITY OF WATER USED.

The quantity of water used in 1919 was reported on only part of the irrigation schedules, and the figures given vary greatly. Those representing estimates are reported separately in Table 14.

TABLE 14.—QUANTITY OF WATER USED IN 1919.

ITEM.	Total.	Measured.	Not measured.
Average volume of water entering canals, second-foot.....	8,311	2,926	5,385
Area irrigated in 1919.....acres.....	446,014	180,022	265,992
Average number of acres per second-foot.....	54	62	49
Total quantity of water entering canals, acre-foot.....	2,237,727	1,016,713	1,221,014
Area irrigated in 1919.....acres.....	498,843	212,100	286,743
Average quantity per acre.....acre-feet.....	4.5	4.8	4.3
Total quantity of water delivered.....acre-feet.....	458,880	159,035	299,845
Area irrigated in 1919.....acres.....	206,448	109,320	97,122
Average quantity per acre.....acre-feet.....	2.2	1.5	3.1

IRRIGATION—OREGON.

81

TABLE 17.—IRRIGATION WORKS, CLASSIFIED BY DRAINAGE BASIN: 1920.

DRAINAGE BASIN.	Number of diverting dams.	Number of storage dams.	MAIN DITCHES.			LATERAL DITCHES.		RESERVOIRS.	
			Number.	Capacity (second-feet).	Length (miles).	Number.	Length (miles).	Number.	Capacity (acre-feet).
Total.....	3,285	309	5,252	28,897	7,115	2,784	1,956	266	1,905,037
Columbia River and tributaries.....	2,458	168	3,901	19,161	5,300	1,866	1,256	153	706,736
Columbia River direct.....			4	2	1			3	1
Snake River and tributaries.....	1,162	103	2,150	10,917	3,121	772	489	109	634,850
Snake River direct.....			40	330	105	9	7	1	4,743
Owyhee River.....	96	18	125	1,555	236	8	11	15	19,195
Malheur River.....	256	34	350	2,022	540	92	84	31	368,446
Burnt River.....	213	8	318	781	400	20	14	14	12,331
Powder River.....	291	19	651	3,754	1,133	287	202	37	13,484
Pine Creek.....	51	4	83	176	107	7	18	3	10,350
Imnaha River.....	34	1	86	102	73	16	13	1	200
Grande Ronde River.....	203	19	475	1,883	483	329	138	6	205,230
Other tributaries of Snake River.....	18		22	314	44	4	2	1	880
Walla Walla River.....	101	7	170	404	140	331	66	4	15,000
Umatilla River.....	139	10	229	2,007	318	201	143	4	54,700
Willow Creek.....	71	7	94	110	94	18	11		
John Day River.....	504	8	670	1,052	655	151	52	10	39,236
Deschutes River.....	391	25	390	4,023	768	225	338	8	52,127
Hood River.....	34	5	72	435	88	86	132	5	13
Willamette River.....	15		40	148	53	15	5	2	
Other tributaries of Columbia River.....	71	3	82	63	62	66	25	8	
Rogue River and tributaries.....	257	18	645	1,978	837	169	117	47	35,882
Rogue River direct.....	8		26	140	88	2	3	9	1
Little Butte Creek.....	13	2	58	101	108	86	50	3	5,350
Bear Creek.....	29	6	99	512	159	18	37	10	30,507
Evans Creek.....	22		34	66	41	11	3		
Applegate River.....	55	4	164	434	241	17	8	15	16
Illinois River.....	87	3	135	400	127	19	10	4	1
Other tributaries of Rogue River.....	43	3	129	256	123	16	6	6	7
Klamath River and tributaries.....	57	18	121	3,162	231	259	324	20	927,311
Klamath River direct.....	4		22	62	43	3			
Lost River.....	8	13	39	1,889	71	113	232	14	925,923
Sprague River.....	9	5	15	212	34	6	8	6	1,388
Other tributaries of Klamath River.....	36		45	990	83	137	84		
Other Pacific Ocean streams.....	78	8	107	238	92	39	20	5	10,005
Independent streams.....	435	97	478	4,358	655	451	239	41	135,103
Deep Creek.....	1		10	18	11				
Donner and Blitzen River.....	44	6	30	239	74	122	84	6	57,550
Silver Creek.....	24	1	24	398	39	31	2		
Silvies River.....	206	72	187	876	220	115	54	17	360
Thomas Creek.....			10	10	28			1	
Other independent streams.....	160	18	217	2,317	283	183	99	17	77,163

IRRIGATION—OREGON.

TABLE 17.—IRRIGATION WORKS, CLASSIFIED BY DRAINAGE BASIN: 1920—Continued.

DRAINAGE BASIN.	Pipe lines, length (miles).	FLOWING WELLS.		PUMPED WELLS.		PUMPING PLANTS.				
		Number.	Capacity (gallons per minute).	Number.	Capacity (gallons per minute).	Number.	Engine capacity (horse- power).	Pumps.		Aver- age lift (feet).
								Number.	Capacity (gallons per minute).	
Total.....	159.6	65	11,968	208	47,026	573	13,769	614	600,045	28
Columbia River and tributaries.....	132.2	19	1,182	178	32,077	416	11,470	442	491,007	28
Columbia River direct.....	2.5			9	178	11	42	12	2,418	45
Snake River and tributaries.....	20.2	12	1,102	39	9,818	176	9,280	190	377,160	24
Snake River direct.....	14.4			46	5,604	60	5,604	60	185,022	31
Owyhee River.....	2.4	4	787	2	240	60	1,312	60	80,163	28
Malheur River.....	2.0			2	60	10	521	10	30,010	17
Burnt River.....	1.0			3		14	24	3	965	37
Powder River.....	7.9	8	315	13	4,780	14	1,601	14	60,132	33
Imnaha River.....	0.1			4		23	4	4	500	40
Grande Ronde River.....	1.1			20	4,203	35	189	35	10,743	12
Other tributaries of Snake River.....	0.3			2	535	4	25	4	635	12
Walla Walla River.....	23.0	1		88	19,325	90	467	93	10,425	25
Umatilla River.....	14.3	2		6	171	13	115	13	4,246	34
Willow Creek.....	0.3			1		1	2	1	200	12
John Day River.....	5.7			6	475	45	413	47	41,280	26
Deschutes River.....	8.5			3	380	22	764	26	36,564	38
Hood River.....	88.6	3	10	1	17	5	36	5	755	70
Willamette River.....	3.2			15	1,869	30	220	32	7,813	24
Other tributaries of Columbia River.....	6.3	1	70	11	338	23	122	23	1,746	52
Rogue River and tributaries.....	20.5	3	10,000	23	11,499	102	723	111	38,147	26
Rogue River direct.....	7.1			11	6,904	44	347	44	16,597	30
Little Butte Creek.....	0.8					1	0	1		23
Bear Creek.....	6.3			9	1,133	23	120	30	8,138	23
Evans Creek.....	0.5					8	77	8	1,175	26
Applegate River.....	2.1					8	93	8	3,200	26
Illinois River.....	1.0			2	402	7	32	8	3,067	11
Other tributaries of Rogue River.....	2.7	3	10,000	1	3,000	9	45	9	5,070	25
Klamath River and tributaries.....	3.0	1	35	2	1,600	31	1,301	36	62,475	31
Klamath River direct.....	1.7					14	453	15	30,775	31
Lost River.....	0.6			2	1,600	14	783	16	21,100	22
Other tributaries of Klamath River.....	0.7	1	35			3	62	5	10,000	30
Other Pacific Ocean streams.....	3.2	1				10	00	10	3,705	40
Independent streams.....	0.7	41	751	5	1,850	14	209	15	4,111	26
Deep Creek.....		1				1	0	2	1,000	10
Donner and Blitzen River.....		1	10			1		1		16
Silver Creek.....		1	2	2	450	3	6	3	550	15
Silvies River.....				2	1,200	2	26	2	1,265	22
Other independent streams.....	0.7	38	739	1	200	7	171	7	1,200	51

CROPS.

TABLE 18.—ACREAGE, YIELD, AND VALUE OF PRINCIPAL CROPS GROWN ON IRRIGATED LAND, AND COMPARISONS WITH TOTALS FOR THE STATE: 1919 AND 1909.

[Totals for the state, used in making comparisons, are shown in state bulletin on agriculture.]

CROP.	AREA HARVESTED.					QUANTITY HARVESTED.					
	1919		1909		Per cent of increase. ¹	Unit.	1919		1909		Per cent of increase. ¹
	Acres.	Per cent of total for state.	Acres.	Per cent of total for state.			Amount.	Per cent of total for state.	Amount.	Per cent of total for state.	
Cereals:											
1 Corn.....	1,764	5.5	686	4.0	157.1	Bu.....	62,167	7.3	17,921	4.0	245.9
2 Oats.....	7,080	2.8	20,415	6.0	-60.9	Bu.....	235,637	2.8	896,427	8.2	-73.7
3 Winter wheat.....	4,511	0.6	21,059	2.8	24.9	Bu.....	78,649	0.5	599,042	4.6	-18.2
4 Spring wheat.....	21,799	8.3				Bu.....	387,487	11.3			
5 Barley.....	7,602	11.4	18,395	16.9	-58.7	Bu.....	216,493	15.1	565,074	23.8	-61.7
6 Rye.....	1,020	4.5	1,458	11.3	32.3	Bu.....	18,470	5.9	17,692	12.0	4.6
Hay and forage:											
7 Timothy alone.....	5,340	17.4	16,297	40.6	-67.2	Tons...	7,066	15.5	31,871	47.4	-77.8
8 Timothy and clover mixed.....	23,377	28.6	17,592	26.4	32.9	Tons...	33,484	24.7	31,009	24.0	8.0
9 Clover alone.....	5,275	9.9	1,549	3.3	240.5	Tons...	9,705	9.5	3,337	4.0	193.5
10 Alfalfa.....	102,409	48.6	100,623	83.8	1.8	Tons...	309,206	52.2	331,515	88.3	-6.7
11 Other tame grasses.....	7,094	8.6	3,442	5.5	106.1	Tons...	9,759	6.8	6,329	5.9	54.2
12 Small grains cut for hay.....	23,022	4.9	14,172	3.8	73.2	Tons...	26,695	4.6	21,530	4.2	20.7
13 Annual legumes cut for hay.....	1,523	6.2				Tons...	1,219	3.1			
14 Wild, salt, or prairie grasses.....	51,453	22.7	138,143	63.3	-62.8	Tons...	49,792	18.6	157,100	63.1	-68.3
15 Silage crops.....	1,432	4.3	(?)			Tons...	6,578	3.6	(?)		
Vegetables:											
16 Potatoes.....	1,880	4.7	3,402	7.7	-44.7	Bu.....	181,986	5.1	413,167	8.6	-58.0
Fruits:											
17 Grapes.....	8,525	2.4	(?)			Lbs....	110,395	3.9	(?)		
18 Apples.....	177,789	5.4	(?)			Bu.....	402,912	5.8	(?)		
19 Peaches.....	25,953	6.3	(?)			Bu.....	50,692	10.0	(?)		
20 Pears.....	115,520	18.9	(?)			Bu.....	141,258	18.6	(?)		
21 Plums and prunes.....	21,664	6.7	(?)			Bu.....	36,930	1.7	(?)		
22 Cherries.....	6,656	1.7	(?)			Bu.....	7,803	2.6	(?)		

CROP.	AVERAGE YIELD PER ACRE, 1919.						VALUE.				
	Unit.	For state.	On non-irrigated land.	On irrigated land.			1919		1909		Per cent of increase. ¹
				Average.	Per cent of average for state.	Per cent of average on non-irrigated land.	Amount.	Per cent of total for state.	Amount.	Per cent of total for state.	
Cereals:											
1 Corn.....	Bu.....	25.5	26.0	35.2	132.8	135.4	\$102,578	7.3	\$15,187	4.9	575.4
2 Oats.....	Bu.....	29.4	29.4	29.5	100.3	100.3	223,855	2.8	485,570	8.6	-53.9
3 Winter wheat.....	Bu.....	19.7	19.7	17.4	88.3	88.3	165,949	0.5	507,089	4.7	94.0
4 Spring wheat.....	Bu.....	13.0	12.6	17.8	136.9	141.3	817,598	11.3			
5 Barley.....	Bu.....	21.5	20.6	28.5	132.6	138.3	335,594	15.1	380,643	25.2	-11.8
6 Rye.....	Bu.....	7.4	7.3	9.6	129.7	131.5	38,787	5.9	14,463	10.9	168.2
Hay and forage:											
7 Timothy alone.....	Tons...	1.48	1.52	1.32	89.2	86.8	176,650	15.5	285,065	39.4	-38.0
8 Timothy and clover mixed.....	Tons...	1.66	1.75	1.43	86.1	81.7	770,132	24.7	280,519	19.8	168.5
9 Clover alone.....	Tons...	1.94	1.95	1.86	95.9	95.4	200,797	9.5	41,106	4.4	388.5
10 Alfalfa.....	Tons...	2.81	2.62	3.02	107.5	115.3	6,493,326	52.2	2,756,575	84.2	135.5
11 Other tame grasses.....	Tons...	1.74	1.77	1.38	79.3	75.0	175,662	6.8	61,342	5.7	188.4
12 Small grains cut for hay.....	Tons...	1.24	1.25	1.16	93.5	92.8	560,595	4.6	228,339	4.0	156.2
13 Annual legumes cut for hay.....	Tons...	1.61	1.66	0.80	49.7	48.2	24,380	8.1			
14 Wild, salt, or prairie grasses.....	Tons...	1.18	1.24	0.97	82.2	78.2	796,072	18.6	1,056,442	62.7	-24.6
15 Silage crops.....	Tons...	5.43	5.47	4.59	84.5	83.9	65,780	3.6	(?)		
Vegetables:											
16 Potatoes.....	Bu.....	88.4	87.9	96.8	109.5	110.1	382,171	5.1	243,019	11.6	57.3
Fruits:											
17 Grapes.....	Lbs....	7.9	7.7	12.9	163.3	167.5	6,624	3.9	(?)		
18 Apples.....	Bu.....	2.1	2.1	2.3	109.5	109.5	543,931	5.8	(?)		
19 Peaches.....	Bu.....	1.2	1.2	2.0	166.7	166.7	78,573	10.0	(?)		
20 Pears.....	Bu.....	1.0	1.0	1.2	120.0	120.0	226,013	18.6	(?)		
21 Plums and prunes.....	Bu.....	0.7	0.7	1.7	242.9	242.9	81,246	1.7	(?)		
22 Cherries.....	Bu.....	0.8	0.8	1.2	150.0	150.0	27,510	2.6	(?)		

¹ A minus sign (-) denotes decrease.
² Not reported separately in 1909.

³ Number of vines of bearing age.
⁴ Number of trees of bearing age.

⁵ Yield per vine.
⁶ Yield per tree.

IRRIGATION—OREGON.

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

		THE STATE.	Baker. ¹	Crook. ²	Deschutes. ²	Douglas.	Gilliam.	Grant.
1	Number of all farms in 1920.....	50,206	1,509	501	751	2,275	451	728
2	Number of farms irrigated in 1919.....	9,154	1,102	301	550	78	53	304
3	Per cent of all farms.....	18.2	73.0	53.7	73.2	3.4	11.7	50.0
4	Number of farms irrigated in 1909.....	6,609	1,051	546	.....	132	51	341
5	Per cent of increase, 1909-1919.....	37.3	4.9	.....	.....	-40.9	.....	6.7
LAND AND FARM AREA.								
6	Approximate land area.....acres..	61,188,480	1,075,040	1,877,780	1,961,000	3,194,240	708,640	2,892,800
7	All land in farms.....acres..	13,542,318	493,145	554,960	144,979	560,805	486,941	750,160
8	Improved land in farms.....acres..	4,913,851	163,317	93,957	51,744	136,553	259,002	74,720
9	Area irrigated in 1919.....acres..	986,162	171,490	42,708	57,293	1,901	3,295	32,409
10	Per cent of improved land in farms.....	20.1	105.0	45.5	110.7	1.4	1.3	43.4
11	Area irrigated in 1909.....acres..	680,129	129,673	55,900	.....	1,708	2,087	36,009
12	Per cent of increase, 1909-1919.....	43.7	32.2	.....	.....	11.3	58.0	-10.1
13	Area enterprises were capable of irrigating in 1920.....acres..	1,344,046	218,671	52,757	106,246	3,328	3,810	38,728
14	Area enterprises were capable of irrigating in 1910.....acres..	830,526	136,014	111,360	.....	4,500	2,367	35,631
15	Per cent of increase, 1910-1920.....	61.8	60.8	.....	.....	-26.0	61.0	6.3
16	Area included in enterprises in 1920.....acres..	1,925,987	259,361	62,449	176,387	8,370	4,621	42,079
17	Area included in enterprises in 1910.....acres..	2,527,208	241,919	453,811	.....	9,349	3,370	73,578
18	Per cent of increase, 1910-1920.....	-23.8	7.2	.....	.....	-10.5	37.1	-42.8
19	Area of irrigated land reported as available for settlement.....acres..	98,609	2,002	1,278	23,675	.....	.....	.....
IRRIGATION WORKS.								
Independent enterprises:								
20	Number, 1920.....	4,710	825	158	38	93	52	280
21	Number, 1910.....	3,745	566	202	.....	107	43	310
Main ditches:								
22	Number, 1920.....	5,252	959	212	35	98	51	512
23	Number, 1910.....	3,582	606	217	.....	86	47	306
24	Length, 1920.....miles..	7,115	1,461	313	255	87	60	516
25	Length, 1910.....miles..	5,539	1,175	504	.....	79	54	513
26	Capacity, 1920.....second-feet..	28,897	3,925	734	2,808	234	64	801
27	Capacity, 1910.....second-feet..	39,686	7,631	2,907	.....	320	202	1,771
Laterals:								
28	Number, 1920.....	2,784	302	97	93	38	10	90
29	Number, 1910.....	2,518	313	222	.....	31	96	140
30	Length, 1920.....miles..	1,956	201	111	142	20	5	41
31	Length, 1910.....miles..	2,052	309	340	.....	8	33	37
Reservoirs:								
32	Number, 1920.....	266	53	3	4	4	1	8
33	Number, 1910.....	271	75	11	.....	4	4	5
34	Capacity, 1920.....acre-feet..	1,905,037	36,145	47,101	5,123	10,005	.....	36,896
35	Capacity, 1910.....acre-feet..	1,024,200	100,938	11,856	.....	5	2	8
Flowing wells:								
36	Number, 1920.....	65	8	.....	.....	1	.....	.....
37	Number, 1910.....	51	3	.....	.....	.....	.....	.....
38	Capacity, 1920.....gallons per minute..	11,908	315	.....	.....	.....	.....	.....
39	Capacity, 1910.....gallons per minute..	3,035	19	.....	.....	.....	.....	.....
Pumped wells:								
40	Number, 1920.....	208	13	2	.....	.....	1	1
41	Number, 1910.....	92	4	.....	.....	.....	4	1
42	Capacity, 1920.....gallons per minute..	47,023	4,780	371	.....	.....	20	30
43	Capacity, 1910.....gallons per minute..	20,883	1,003	.....	.....	.....	66	35
Pumping plants:								
44	Number, 1920.....	573	19	11	1	9	8	2
45	Number, 1910.....	229	2	5	.....	3	10	1
46	Engine capacity, 1920.....horsepower..	13,769	1,068	430	200	56	41	12
47	Engine capacity, 1910.....horsepower..	3,095	159	512	.....	13	43	1
48	Pump capacity, 1920.....gallons per minute..	600,045	71,297	23,121	7,500	3,225	1,710	22,630
49	Pump capacity, 1910.....gallons per minute..	118,514	5,964	5,548	.....	583	2,621	35
50	Average lift, 1920.....feet..	28	31	32	120	54	21	28
CAPITAL INVESTED.								
51	Capital invested to Jan. 1, 1920.....dollars..	28,920,151	2,153,639	1,789,917	2,758,084	188,894	110,909	261,332
52	Capital invested to July 1, 1910.....dollars..	12,760,214	1,446,334	1,061,817	.....	78,127	32,809	211,086
53	Per cent of increase, 1910-1920.....	126.7	48.9	.....	.....	141.8	238.0	8.4
54	Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars..	21.52	9.85	33.93	25.96	56.76	29.11	6.75
55	Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars..	15.36	10.63	17.62	.....	17.36	13.86	6.24
ESTIMATED FINAL COST.								
56	Estimated final cost of existing enterprises in 1920.....dollars..	41,585,742	2,941,589	2,115,043	4,747,115	204,994	111,409	266,507
57	Estimated final cost of existing enterprises in 1910.....dollars..	36,216,619	5,272,463	4,842,082	.....	78,127	32,809	250,986
58	Per cent of increase, 1910-1920.....	6.0	-44.2	.....	.....	277.0	239.6	6.2
59	Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars..	21.59	11.34	33.87	26.91	35.24	24.11	6.33
60	Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars..	15.52	21.79	10.67	.....	8.36	9.74	3.41

¹ Part of Union County annexed in 1902.² Parts of Crook County were taken to form Jefferson County in 1915 and Deschutes County in 1916.

IRRIGATION—OREGON.

85

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910—Continued.

[A minus sign (—) denotes decrease.]

		Harney.	Hood River. ¹	Jackson.	Jefferson. ²	Josephine.	Klamath.	Lake.
1	Number of all farms in 1920.....	589	878	1,720	572	727	992	549
2	Number of farms irrigated in 1919.....	295	811	754	53	419	508	258
3	Per cent of all farms.....	50.1	92.4	43.8	9.3	57.6	51.2	46.6
4	Number of farms irrigated in 1909.....	256	464	426	.....	401	266	198
5	Per cent of increase, 1909-1919.....	15.2	74.8	77.0	.....	4.5	91.0	29.3
LAND AND FARM AREA.								
6	Approximate land area.....acres..	6,357,120	345,600	1,788,100	1,138,580	1,047,680	3,839,360	5,068,800
7	All land in farms.....acres..	524,678	38,075	312,936	440,020	97,299	357,338	520,218
8	Improved land in farms.....acres..	176,934	19,664	92,310	132,812	29,537	152,742	183,396
9	Area irrigated in 1919.....acres..	119,429	19,765	24,002	3,320	14,903	90,993	99,220
10	Per cent of improved land in farms.....	67.5	100.5	26.0	2.5	50.5	59.6	54.1
11	Area irrigated in 1909.....acres..	129,135	8,071	12,239	.....	12,866	46,975	57,078
12	Per cent of increase, 1909-1919.....	-7.5	144.9	96.1	.....	15.8	93.7	73.8
13	Area enterprises were capable of irrigating in 1920.....acres..	157,588	21,101	34,931	3,943	18,294	135,449	149,467
14	Area enterprises were capable of irrigating in 1910.....acres..	136,621	14,150	17,078	.....	14,503	62,785	59,612
15	Per cent of increase, 1910-1920.....	15.3	49.1	94.3	.....	26.1	115.7	150.7
16	Area included in enterprises in 1920.....acres..	224,301	39,660	107,195	6,171	25,127	239,478	183,997
17	Area included in enterprises in 1910.....acres..	561,548	48,964	82,427	.....	24,069	208,105	273,546
18	Per cent of increase, 1910-1920.....	-60.1	-19.0	30.0	.....	4.4	15.1	-32.7
19	Area of irrigated land reported as available for settlement.....acres..	2,000	15,060	2,200	.....	304	2,000	.....
IRRIGATION WORKS.								
Independent enterprises:								
20	Number, 1920.....	328	77	345	51	309	90	149
21	Number, 1910.....	228	75	276	.....	269	52	171
Main ditches:								
22	Number, 1920.....	299	72	363	62	292	115	153
23	Number, 1910.....	143	61	245	.....	221	42	133
24	Length, 1920.....miles..	413	88	537	82	311	237	207
25	Length, 1910.....miles..	309	86	305	.....	220	162	247
26	Capacity, 1920.....second-feet..	1,752	435	1,048	117	952	3,135	2,767
27	Capacity, 1910.....second-feet..	1,826	369	1,748	.....	931	2,904	2,212
Laterals:								
28	Number, 1920.....	278	86	124	10	49	255	181
29	Number, 1910.....	327	50	53	.....	35	69	99
30	Length, 1920.....miles..	153	132	100	3	20	321	98
31	Length, 1910.....miles..	151	68	57	.....	17	160	54
Reservoirs:								
32	Number, 1920.....	32	5	23	1	24	14	17
33	Number, 1910.....	28	13	25	.....	19	8	17
34	Capacity, 1920.....acre-feet..	133,705	13	35,871	700	11	926,361	77,513
35	Capacity, 1910.....acre-feet..	303,140	5	45,907	.....	7	181,274	64,901
Flowing wells:								
36	Number, 1920.....	32	3	.....	.....	3	1	9
37	Number, 1910.....	25	.....	2	.....	1	20	.....
38	Capacity, 1920.....gallons per minute..	179	10	.....	.....	10,000	35	872
39	Capacity, 1910.....gallons per minute..	54	.....	225	.....	17	2,720	.....
Pumped wells:								
40	Number, 1920.....	5	1	12	1	11	2	1
41	Number, 1910.....	1	1	14	.....	11	.....	.....
42	Capacity, 1920.....gallons per minute..	1,650	17	10,133	15	1,366	1,600	200
43	Capacity, 1910.....gallons per minute..	400	100	5,533	.....	2,200	.....	.....
Pumping plants:								
44	Number, 1920.....	9	5	51	0	51	31	6
45	Number, 1910.....	2	2	21	.....	32	2	.....
46	Engine capacity, 1920.....horsepower..	38	36	345	0	378	1,303	171
47	Engine capacity, 1910.....horsepower..	10	10	165	.....	163	224	.....
48	Pump capacity, 1920.....gallons per minute..	1,815	755	18,410	240	19,737	62,475	2,296
49	Pump capacity, 1910.....gallons per minute..	496	231	19,086	.....	9,881	9,720	.....
50	Average lift, 1920.....feet..	18	70	28	10	24	26	44
CAPITAL INVESTED.								
51	Capital invested to Jan. 1, 1920.....dollars..	1,280,776	807,142	1,462,938	84,300	265,575	3,802,551	3,504,761
52	Capital invested to July 1, 1910.....dollars..	410,980	301,714	457,936	.....	239,327	1,910,580	769,906
53	Per cent of increase, 1910-1920.....	211.0	123.1	218.5	.....	11.0	99.0	355.2
54	Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars..	8.13	38.25	41.88	21.38	14.52	28.07	23.45
55	Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars..	3.01	25.56	25.47	.....	16.50	30.43	12.92
ESTIMATED FINAL COST.								
56	Estimated final cost of existing enterprises in 1920.....dollars..	2,030,206	1,174,817	4,807,783	85,943	285,045	5,566,847	3,896,381
57	Estimated final cost of existing enterprises in 1910.....dollars..	2,501,980	392,214	1,770,936	.....	239,327	5,110,580	7,338,681
58	Per cent of increase, 1910-1920.....	-18.6	199.5	171.5	.....	19.4	8.9	-46.9
59	Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars..	9.08	20.62	44.85	13.93	11.37	23.25	21.18
60	Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars..	4.46	8.01	21.48	.....	9.95	24.50	26.83

¹ Organized from part of Wasco County in 1908.

² Organized from part of Crook County in 1915.

IRRIGATION—OREGON.

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910—Continued.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

	Malheur.	Morrow.	Umatilla.	Union. ¹	Wallowa.	Wasco. ²	Wheeler.	All other counties.
1 Number of all farms in 1920.....	1,322	692	2,353	1,279	1,149	1,339	359	29,408
2 Number of farms irrigated in 1919.....	946	191	1,149	469	427	267	137	24
3 Per cent of all farms.....	71.6	27.6	48.8	36.7	37.2	19.9	38.2	0.1
4 Number of farms irrigated in 1909.....	622	143	685	432	293	88	184	90
5 Per cent of increase, 1909-1919.....	52.1	83.6	67.7	8.6	45.7	—	—25.5	—
LAND AND FARM AREA.								
6 Approximate land area.....acres..	6,325,120	1,296,000	2,049,620	1,284,480	2,028,160	1,499,520	1,090,560	13,359,360
7 All land in farms.....acres..	4,665,851	781,613	1,075,400	441,735	524,020	728,226	488,178	3,746,331
8 Improved land in farms.....acres..	129,365	290,290	621,600	178,021	141,404	213,553	40,104	1,732,767
9 Area irrigated in 1919.....acres..	109,463	10,031	56,050	53,183	52,445	9,382	7,475	7,402
10 Per cent of improved land in farms.....	84.6	3.5	9.0	29.0	37.1	4.4	18.0	0.4
11 Area irrigated in 1909.....acres..	67,028	7,541	31,022	35,831	30,370	5,703	6,253	932
12 Per cent of increase, 1909-1919.....	61.9	33.0	80.7	48.4	83.2	64.5	19.6	633.8
13 Area enterprises were capable of irrigating in 1920.....acres..	143,206	15,561	91,543	61,444	56,601	13,611	8,692	9,015
14 Area enterprises were capable of irrigating in 1910.....acres..	79,210	8,116	50,213	37,260	42,855	5,089	6,983	1,379
15 Per cent of increase, 1910-1920.....	80.9	91.7	82.3	64.9	32.1	127.3	24.5	553.7
16 Area included in enterprises in 1920.....acres..	219,475	19,941	104,015	69,414	64,513	48,742	11,005	9,686
17 Area included in enterprises in 1910.....acres..	208,025	14,937	94,169	45,517	54,602	17,276	9,414	102,502
18 Per cent of increase, 1910-1920.....	5.5	33.5	10.5	52.5	18.0	182.1	16.9	—90.6
19 Area of irrigated land reported as available for settlement.....acres..	10,000	—	6,000	—	—	34,000	—	—
IRRIGATION WORKS.								
Independent enterprises:								
20 Number, 1920.....	354	109	497	311	230	148	155	101
21 Number, 1910.....	330	121	281	225	160	79	164	86
Main ditches:								
22 Number, 1920.....	496	110	375	362	295	144	185	62
23 Number, 1910.....	311	148	278	164	144	83	208	51
24 Length, 1920.....miles..	820	124	416	404	337	160	179	48
25 Length, 1910.....miles..	645	123	350	255	249	62	164	40
26 Capacity, 1920.....second-feet..	4,013	551	1,932	1,381	1,398	328	271	161
27 Capacity, 1910.....second-feet..	4,188	542	2,267	7,062	1,913	199	490	164
Laterals:								
28 Number, 1920.....	86	50	507	197	160	90	40	26
29 Number, 1910.....	271	94	263	159	62	106	64	64
30 Length, 1920.....miles..	82	45	175	97	87	99	16	8
31 Length, 1910.....miles..	350	27	254	87	66	26	16	2
Reservoirs:								
32 Number, 1920.....	43	—	8	1	7	10	1	7
33 Number, 1910.....	42	2	10	1	1	2	1	3
34 Capacity, 1920.....acre-feet..	317,979	—	69,700	20	205,430	1	2,400	3
35 Capacity, 1910.....acre-feet..	188,443	1	54,164	1	12,500	1	1,120	3
Flowing wells:								
36 Number, 1920.....	4	—	3	—	—	1	—	—
37 Number, 1910.....	—	—	—	—	—	—	—	—
38 Capacity, 1920.....gallons per minute..	787	—	—	—	—	70	—	—
39 Capacity, 1910.....gallons per minute..	—	—	—	—	—	—	—	—
Pumped wells:								
40 Number, 1920.....	5	—	94	20	—	20	—	19
41 Number, 1910.....	—	3	29	12	—	5	—	7
42 Capacity, 1920.....gallons per minute..	835	—	19,496	4,203	—	516	—	1,794
43 Capacity, 1910.....gallons per minute..	—	220	7,892	2,045	—	459	—	930
Pumping plants:								
44 Number, 1920.....	117	2	103	34	5	41	21	41
45 Number, 1910.....	29	4	39	22	2	15	6	26
46 Engine capacity, 1920.....horsepower..	7,409	22	592	186	26	273	206	318
47 Engine capacity, 1910.....horsepower..	410	24	259	96	56	169	69	707
48 Pump capacity, 1920.....gallons per minute..	204,620	1,700	23,671	10,578	665	8,974	14,105	10,531
49 Pump capacity, 1910.....gallons per minute..	26,513	1,125	10,840	4,136	850	3,856	4,940	12,069
50 Average lift, 1920.....feet..	27	18	26	12	32	49	21	26
CAPITAL INVESTED.								
51 Capital invested to Jan. 1, 1920.....dollars..	4,057,373	1,393,045	3,309,599	260,012	497,791	486,627	159,590	293,396
52 Capital invested to July 1, 1910.....dollars..	2,032,636	187,716	2,019,161	136,204	198,064	99,167	76,305	108,345
53 Per cent of increase, 1910-1920.....	99.6	642.1	63.9	91.6	151.3	406.0	109.1	183.9
54 Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars..	28.32	89.52	36.15	4.25	8.79	35.75	18.36	32.55
55 Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars..	25.66	23.13	40.21	3.66	4.62	16.06	10.93	74.04
ESTIMATED FINAL COST.								
56 Estimated final cost of existing enterprises in 1920.....dollars..	4,335,543	1,628,878	4,428,016	262,522	618,521	998,752	167,495	314,746
57 Estimated final cost of existing enterprises in 1910.....dollars..	5,057,171	187,716	2,593,387	136,204	211,114	96,167	76,305	3,028,370
58 Per cent of increase, 1910-1920.....	—4.4	767.7	70.8	92.7	193.0	938.6	110.5	—89.6
59 Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars..	22.08	81.68	42.68	3.78	9.59	20.49	15.22	32.49
60 Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars..	24.31	12.57	27.54	2.99	3.86	5.57	8.11	25.94

¹ Part annexed to Baker County in 1902.

² Part taken to form Hood River County in 1908.

MANUFACTURES—OREGON.

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.—Oregon has a gross area of 96,699 square miles, of which 95,607 represent land surface. The inhabitants of the state in 1900 numbered 413,536; in 1910, 672,765; and in 1920, 783,389. In total population Oregon ranked thirty-fourth among the states in 1920. The number of inhabitants per square mile in 1910 was 7, the corresponding figure for 1920 being 8.2.

In 1920 there were four cities in the state—Astoria, Eugene, Portland, and Salem—having more than 10,000 inhabitants. The combined population of these cities in that year was 300,587, which formed 38.4 per cent of the total for Oregon. Of the total value of the state's manufactured products, 60.4 per cent were reported by these four cities.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and 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 in average number of wage earners and horsepower, however, are indicative of a decided growth in the manufacturing activities of 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. Of the 36 counties in the state, Multnomah, containing the city of Portland, reported 58.6 per cent of the total value of products in the state and 49 per cent of the average number of wage earners.

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 31.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 200 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 latter period. Portland is by far the most important city in the state and shows an increase during this five-year period of 15,540, or 137.9 per cent, in the average number of wage earners, and \$140,682,706, or 252.6 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, this table gives similar data for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more. The table also shows a number of industries in the state in 1919 employing a considerable proportion of female wage earners.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working-day in Oregon. In that year only 13.8 per cent of the wage earners were reported in the group "48 and under" as against 89.4 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 54.9 per cent of the total wage earners, as compared with 3.4 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, 95.5 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 35.1 per cent of the total number of such employees. On the other hand, the establishments employing an average of more than 100 wage earners represented only 4.5 per cent of the total manufacturing establish-

ments in the state, but reported 64.9 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 1909, and in the case of 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 some instances to combine the establishments of one group of the industry with those of some other group of that 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 34.5 per cent of the number of establishments in the state in 1919, they reported 86.9 per cent of the average number of wage earners and 87.9 per cent of the total value of products. During the five-year period 1914

to 1919 the average number of wage earners in corporations increased 26,813, or 111.5 per cent, and the value of products \$230,980,628, or 252.8 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 these four cities in 1919 represented 39.2 per cent of the total in the state. They reported in that year 50.9 per cent of the average number of wage earners and 60.4 per cent of the value of products.

Principal industries in Portland (the only city in the state having 50,000 inhabitants or more), with per cent of total for the state (Table 16).—This table includes all industries in the city of Portland, having products of \$1,000,000 and over, for which figures can be shown without disclosing individual operations.

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 90,124 horsepower, or 42.1 per cent. Of this increase, 36,064 horsepower, or 40 per cent, was owned power, and 54,060, or 60 per cent, rented power. During this five-year period, owned power increased 20.6 per cent and rented power 138.4 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. There was an increase in the quantities of each of the several kinds of fuel used in 1919 as compared with 1914.

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.....	2,707	2,320	2,246	1,602	1,406	16.7	3.3	40.2	13.9
Persons engaged.....	68,005	35,440	34,722	22,018	(2)	91.8	2.1	57.7	.....
Proprietors and firm members.....	2,540	2,189	2,499	1,726	(2)	16.0	-12.4	44.8	.....
Salaried employees.....	6,906	4,431	3,473	1,769	1,143	55.9	27.6	96.3	54.8
Wage earners (average number).....	58,559	28,820	28,760	18,523	14,459	103.1	0.3	55.2	28.1
Primary horsepower.....	304,346	214,222	175,019	81,348	60,005	42.1	22.4	115.1	35.6
Capital.....	\$237,254,736	\$139,500,370	\$89,081,873	\$44,023,548	\$23,359,089	70.1	56.6	102.4	55.2
Salaries and wages.....	95,092,955	26,614,328	23,949,428	13,576,026	8,044,171	257.3	11.1	76.4	68.8
Salaries.....	13,999,171	5,682,751	4,047,494	2,132,514	1,222,160	146.3	40.4	89.8	74.5
Wages.....	81,093,784	20,931,577	19,901,934	11,443,512	6,822,011	287.4	5.2	73.9	67.7
Paid for contract work.....	1,936,402	725,562	576,699	459,571	(2)	166.9	25.8	25.5	.....
Rent and taxes.....	13,703,568	2,135,047	1,418,564	888,506	(2)	541.9	50.5	.....	.....
Cost of materials.....	206,206,041	63,257,821	50,552,470	30,596,763	20,788,833	226.0	25.1	65.2	47.2
Value of products.....	366,782,627	109,761,951	93,004,845	55,525,123	36,592,714	234.2	18.0	67.5	51.7
Value added by manufacture.....	180,576,586	46,504,130	42,452,375	24,928,360	15,803,881	245.3	9.5	70.3	57.7

¹ A minus sign (-) denotes decrease.

² Figures not available.

³ Exclusive of internal revenue.

⁴ Value of products less cost of materials.

MANUFACTURES—OREGON.

91

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.....	2,707	58,559	\$31,093,784	\$13,703,888	\$206,206,041	\$366,782,627	\$160,578,586	304,346
Baker.....	63	1,017	1,169,670	72,153	2,453,997	4,454,298	2,000,301	4,809
Benton.....	51	600	740,472	31,040	1,494,804	2,782,202	1,287,398	3,735
Clackamas.....	72	2,206	2,780,064	293,517	4,690,157	10,320,872	5,630,715	48,574
Clatsop.....	111	3,742	5,902,231	357,014	13,873,082	23,790,180	9,923,098	25,618
Columbia.....	73	2,154	2,813,900	272,713	3,402,212	7,525,743	4,123,531	17,521
Coos.....	95	2,661	4,211,776	221,592	4,760,147	11,476,647	6,716,500	26,211
Crook.....	12	38	40,210	1,977	62,408	145,732	83,330	413
Curry.....	18	352	542,454	14,845	575,658	1,227,582	651,924	1,704
Deschutes.....	29	1,359	2,141,375	501,795	1,072,252	5,715,195	4,642,945	4,934
Douglas.....	87	776	1,028,773	25,658	1,466,652	3,087,854	1,621,202	6,021
Gilliam.....	5	8	12,203	1,044	22,715	48,163	25,448	17
Grant.....	22	323	448,445	13,944	265,020	1,052,401	787,381	2,005
Harney.....	14	12	14,851	1,566	57,072	109,971	52,899	279
Hood River.....	23	447	565,175	28,793	877,282	1,687,193	806,821	5,894
Jackson.....	61	345	401,131	26,261	887,404	1,656,661	769,257	1,734
Jefferson.....	7	4	2,991	1,146	40,699	54,249	13,550	200
Josephine.....	24	163	161,918	6,582	244,554	552,698	308,144	905
Klamath.....	69	1,045	2,180,216	245,088	3,483,525	8,287,311	4,803,786	6,669
Lake.....	6	5	4,072	738	88,219	103,844	15,625	120
Lane.....	138	2,414	2,792,430	103,012	3,111,592	8,020,039	4,917,447	16,444
Lincoln.....	25	77	80,587	6,357	350,585	526,713	176,128	708
Linn.....	85	788	823,470	49,286	2,469,792	4,109,460	1,639,674	5,647
Malheur.....	14	34	45,260	4,190	67,984	165,058	97,074	54
Marion.....	170	2,559	3,025,026	346,817	9,093,720	14,735,464	5,641,744	10,915
Morrow.....	14	15	21,528	2,472	75,471	138,546	63,075	163
Multnomah.....	879	28,713	41,313,793	10,309,294	125,716,200	214,932,519	89,216,319	80,593
Polk.....	50	575	796,886	44,002	1,654,055	3,030,645	1,376,590	2,418
Sherman.....	9	22	24,017	1,405	44,047	90,347	52,300	143
Tillamook.....	81	883	1,171,751	89,946	2,704,490	4,825,452	2,030,962	6,911
Umatilla.....	81	466	592,028	86,405	4,841,131	6,318,556	1,477,425	2,870
Union.....	59	1,314	1,778,863	67,955	2,998,103	5,625,771	2,627,668	4,462
Wallowa.....	44	474	648,929	71,925	808,868	1,921,515	1,112,647	3,465
Wasco.....	41	613	684,821	144,610	5,076,048	6,739,460	1,663,412	2,065
Washington.....	68	1,022	1,311,473	199,802	3,697,077	6,246,244	2,549,167	6,196
Wheeler.....	13	23	25,419	856	28,064	62,537	54,473	378
Yamhill.....	94	650	719,277	56,856	3,560,955	5,174,583	1,613,628	3,566

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.....	2,707	58,559	100.0	\$366,783	100.0	\$160,577	100.0	Food preparations, not elsewhere specified.....	13	109	0.3	\$4,218	1.1	\$574	0.3
Lumber and timber products.....	625	22,884	39.1	85,348	23.3	53,213	33.1	Condensed milk.....	8	180	0.3	4,180	1.1	927	0.6
Flour-mill and gristmill products.....	116	822	1.4	42,550	11.6	4,748	3.0	Boxes, wooden packing, except cigar boxes.....	20	610	1.0	4,112	1.1	2,001	1.2
Foundry and machine-shop products.....	121	3,265	5.6	21,136	5.8	12,413	7.7	Coffee, roasting and grinding.....	8	106	0.2	3,590	1.0	612	0.4
Slaughtering and meat packing.....	21	772	1.3	15,893	4.3	2,119	1.3	Confectionery and ice cream.....	37	450	0.8	3,466	0.9	1,246	0.8
Shipbuilding, wooden, including boat building.....	30	2,900	5.1	13,778	3.8	6,924	4.3	Printing and publishing, book and job.....	122	567	1.0	3,396	0.9	2,138	1.3
Canning and preserving, fruits and vegetables.....	59	1,720	2.9	12,266	3.3	4,050	2.5	Woolen goods.....	5	808	1.4	3,357	0.9	1,410	0.9
Bread and other bakery products.....	146	1,076	1.8	9,031	2.5	3,322	2.1	Furniture.....	23	895	1.5	3,188	0.9	1,962	1.2
Butter.....	76	349	0.6	8,728	2.4	1,289	0.8	Gas, illuminating and heating.....	11	334	0.6	2,927	0.8	2,109	1.3
Canning and preserving, fish.....	36	476	0.8	6,531	1.8	1,867	1.2	Cheese.....	52	66	0.1	2,854	0.8	310	0.2
Cars and general shop construction and repairs by steam-railroad companies.....	21	2,751	4.7	6,473	1.8	4,019	2.5	Automobile repairing.....	229	727	1.2	2,605	0.7	1,814	1.1
Printing and publishing, newspapers and periodicals.....	224	929	1.6	6,408	1.7	4,761	3.0	Clothing, men's.....	5	481	0.8	2,034	0.6	705	0.4
Structural ironwork, not made in steel works or rolling mills.....	6	1,111	1.9	6,392	1.7	2,544	1.6	Saddlery and harness.....	33	182	0.3	1,931	0.5	998	0.6
Lumber, planing-mill products, not including planing mills connected with sawmills.....	61	1,084	1.9	5,804	1.6	2,526	1.6	Pickles, preserves, and sauces.....	8	148	0.3	1,794	0.5	308	0.2
								Copper, tin, and sheet-iron work.....	63	204	0.3	1,339	0.4	741	0.5
								Mineral and soda waters.....	33	109	0.2	1,083	0.3	422	0.3
								Patent medicines and compounds.....	16	99	0.2	1,064	0.3	484	0.3
								All other industries ¹	479	12,195	20.8	79,337	21.6	38,023	23.7

¹ Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are seven having products in excess of some for which figures are shown in the table. These industries are as follows: "Bags, other than paper, not including bags made in textile mills"; "cars, steam-railroad, not including operations of railroad companies"; "engines, steam, gas, and water"; "paper and wood pulp"; "shipbuilding, steel"; "tinware, not elsewhere specified"; and "wool pulling."

MANUFACTURES—OREGON.

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

CLASS.	Cen- sus year.	Total.	Male.	Fe- male.	PER CENT OF TOTAL.		CLASS.	Cen- sus year.	Total.	Male.	Fe- male.	PER CENT OF TOTAL.	
					Male.	Fe- male.						Male.	Fe- male.
All classes.....	1919	68,005	61,519	6,486	90.5	9.5	Clerks and other subordinate salaried employees.	1919	4,495	2,963	1,532	65.9	34.1
	1914	35,440	32,625	2,824	92.0	8.0		1914	2,990	2,315	675	77.4	22.6
	1909	34,722	31,849	2,873	91.7	8.3		1909	2,253	1,702	551	75.5	24.5
Proprietors and officials.....	1919	4,951	4,810	141	97.2	2.8	Wage earners (average number).....	1919	58,559	53,746	4,813	91.8	8.2
	1914	3,630	3,545	85	97.7	2.3		1914	28,829	26,785	2,044	92.8	7.2
	1909	3,719	3,607	112	98.6	1.4		1909	28,750	26,480	2,270	92.1	7.9
Proprietors and firm members...	1919	2,540	2,463	77	97.0	3.0	16 years of age and over.....	1919	58,409	53,646	4,763	91.8	8.2
	1914	2,189	2,117	72	96.7	3.3		1914	28,742	26,728	2,014	93.0	7.0
	1909	2,409	2,453	46	98.2	1.8		1909	28,652	26,406	2,246	92.2	7.8
Salaried officers of corporations...	1919	917	878	39	95.7	4.3	Under 16 years of age.....	1919	150	100	50	66.7	33.3
	1914	537	527	10	98.1	1.9		1914	87	57	30	42.5	57.5
	1909	344	340	4	98.8	1.2		1909	98	74	24	75.5	24.5
Superintendents and managers...	1919	1,494	1,460	34	98.3	1.7							
	1914	904	901	3	99.7	0.3							
	1909	876	874	2	99.8	0.2							

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	58,559	91.6	8.1	0.3	Foundry and machine-shop products.....	1919	3,265	99.4	0.2	0.4
	1914	28,829	92.7	7.0	0.3		1914	600	100.0	.....	.....
	1909	28,750	91.8	7.8	0.4	Furniture.....	1919	895	94.5	5.5	.....
Automobile repairing.....	1919	727	97.8	1.7	0.6		1914	673	99.1	0.9	.....
	1914	185	99.5	.....	0.5	Gas, illuminating and heating.....	1919	334	100.0	.....	.....
Boxes, wooden packing, except cigar boxes..	1919	610	85.6	14.1	0.3		1914	385	100.0	.....	.....
	1914	327	94.8	4.3	0.9	Lumber and timber products.....	1919	22,884	98.2	1.7	0.1
Bread and other bakery products.....	1919	1,076	63.7	34.9	1.4		1914	12,829	99.0	0.3	(*)
	1914	700	74.8	24.6	0.6	Lumber, planing-mill products, not includ- ing planing mills connected with sawmills.	1919	1,084	95.2	4.6	0.2
Butter.....	1919	349	83.7	16.0	0.3		1914	732	100.0	.....	.....
	1914	260	92.7	7.3	.....	Printing and publishing, book and job.....	1919	567	76.7	21.9	1.4
Canning and preserving, fish.....	1919	476	88.2	11.8	.....		1914	515	83.7	15.1	1.2
	1914	301	90.4	9.0	.....	Printing and publishing, newspapers and periodicals.	1919	929	87.3	10.7	2.0
Canning and preserving, fruits and vege- tables.....	1919	1,720	39.2	58.8	2.0		1914	945	88.0	10.7	1.3
	1914	417	33.6	63.6	2.9	Shipbuilding, wooden, including boat build- ing.	1919	2,990	99.6	0.4	.....
Cars and general shop construction and re- pairs by electric-railroad companies.	1919	230	99.1	0.9	.....		1914	103	100.0	.....	.....
	1914	225	98.7	1.3	.....	Slaughtering and meat packing.....	1919	772	87.4	12.3	0.3
Cars and general shop construction and re- pairs by steam-railroad companies.	1919	2,751	98.4	1.6	.....		1914	442	96.4	3.6	.....
	1914	1,601	99.9	.....	0.1	Structural ironwork, not made in steel works or rolling mills.	1919	1,111	100.0	.....	.....
Clothing, men's ¹	1919	481	14.8	85.0	0.2		1914	161	100.0	.....	.....
Confectionery and ice cream.....	1919	450	41.6	58.4	.....	Woolen goods.....	1919	808	53.5	45.8	0.7
	1914	402	33.1	66.9	6.5		1914	648	61.4	37.7	0.9
Copper, tin, and sheet-iron work.....	1919	204	100.0	.....	.....	All other industries.....	1919	13,024	90.4	9.5	0.2
	1914	212	100.0	.....	.....		1914	5,590	85.8	14.0	0.2
Flour-mill and gristmill products.....	1919	822	97.8	2.2	.....					
	1914	450	100.0	.....	.....				

¹ Not shown separately in 1914.² Less than one-tenth of 1 per cent.

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
Astoria.....	1,404	1,172	-----	1,274	1,125	-----	130	46	-----	-----	1	-----	\$13,398,627	\$4,587,301	-----
Eugene.....	534	238	-----	358	187	-----	178	51	-----	-----	-----	-----	2,489,647	810,346	-----
Portland.....	26,813	11,273	12,214	24,143	9,875	10,596	2,633	1,353	1,600	37	45	18	196,380,146	55,697,440	\$46,860,767
Salem.....	1,080	732	597	762	409	452	310	310	144	8	13	1	9,435,070	2,846,844	2,208,031

MANUFACTURES—OREGON.

93

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.....	55,393	26,154	23,564	88.6	82.8	75.4	July.....	61,965	31,095	30,175	99.2	98.4	97.4
February.....	54,251	26,715	24,833	85.8	84.6	80.2	August.....	62,488	30,505	30,269	100.0	96.6	97.7
March.....	57,708	28,527	26,859	92.4	90.3	86.7	September.....	60,261	29,243	30,978	96.4	92.6	100.0
April.....	59,180	30,806	29,179	94.7	97.5	94.2	October.....	60,641	28,421	30,402	97.0	90.0	98.1
May.....	61,804	31,596	30,302	98.9	100.0	97.8	November.....	58,396	26,531	29,423	93.5	84.0	95.0
June.....	61,122	31,540	30,806	97.8	99.8	99.4	December.....	49,499	24,815	28,416	79.2	78.5	91.7

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.....	58,559	55,393	54,251	57,708	59,180	61,804	61,122	61,965	62,488	60,261	60,641	58,396	49,499	79.2
Males.....	53,745	51,515	50,678	54,267	55,675	58,089	56,128	55,956	56,287	53,856	54,718	53,027	44,776	77.1
Females.....	4,813	3,878	3,573	3,441	3,505	3,735	4,994	6,009	6,201	6,405	5,923	5,369	4,723	53.7
Automobile repairing.....	727	608	617	661	697	723	732	761	798	810	798	770	749	75.1
Boxes, wooden packing, except cigar boxes.....	610	573	437	485	571	563	670	814	828	644	639	576	522	52.9
Bread and other bakery products.....	1,076	1,066	1,045	1,029	1,041	1,028	1,076	1,113	1,102	1,086	1,099	1,126	1,101	91.3
Butter.....	349	292	311	324	358	382	414	398	394	373	338	320	284	68.6
Canning and preserving, fish.....	476	116	130	171	247	557	572	796	940	839	630	523	192	12.2
Canning and preserving, fruits and vegetables.....	1,720	775	362	<i>266</i>	309	497	1,847	2,875	3,004	3,676	3,008	2,423	1,598	7.2
Cars and general shop construction and repairs by electric-railroad companies.....	230	239	228	236	225	<i>221</i>	226	227	227	224	231	237	239	92.5
Cars and general shop construction and repairs by steam-railroad companies.....	2,751	2,078	2,080	2,721	2,648	2,608	<i>2,551</i>	2,639	2,720	2,785	2,855	2,976	3,145	81.1
Clothing, men's.....	481	480	435	<i>390</i>	404	486	429	506	501	464	516	543	603	65.7
Confectionery and ice cream.....	450	401	398	403	430	456	471	450	449	474	494	484	498	79.0
Copper, tin, and sheet-iron work.....	204	153	162	169	185	180	201	234	237	226	248	228	225	61.7
Flour-mill and gristmill products.....	822	855	826	824	785	760	690	<i>658</i>	830	848	895	940	959	68.0
Foundry and machine-shop products.....	3,265	4,856	4,550	4,154	3,555	3,162	3,190	3,234	2,966	2,707	2,441	2,234	<i>2,122</i>	43.7
Furniture.....	895	734	748	777	785	847	899	957	984	973	1,006	1,012	1,018	72.1
Gas, illuminating and heating.....	334	261	287	280	286	288	322	322	345	390	406	407	414	63.0
Lumber and timber products.....	22,684	<i>15,787</i>	16,585	18,735	21,720	24,357	24,957	26,074	27,697	26,830	26,314	25,008	20,544	57.0
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1,084	<i>794</i>	835	830	908	978	1,090	1,232	1,311	1,229	1,303	1,274	1,224	60.6
Printing and publishing, book and job.....	567	567	558	549	551	570	565	554	559	546	581	586	618	88.3
Printing and publishing, newspapers and periodicals.....	929	882	877	889	908	921	926	928	929	940	957	992	999	87.8
Shipbuilding, wooden, including boat building.....	2,990	7,830	6,563	4,862	3,377	3,050	2,551	2,235	1,590	1,471	674	726	988	8.6
Slaughtering and meat packing.....	772	927	881	904	739	732	715	698	720	718	712	744	768	75.3
Structural ironwork, not made in steel works or rolling mills.....	1,111	97	<i>82</i>	930	972	801	685	690	726	651	3,346	2,870	1,388	2.6
Woolen goods.....	808	731	722	701	750	786	805	834	848	809	880	803	855	77.1
All other industries.....	13,024	13,683	13,934	16,412	16,723	16,751	14,549	12,739	11,803	10,448	10,204	10,534	<i>8,448</i>	50.6
<i>Industries showing large proportion of females.</i>														
Bread and other bakery products.....	386	381	374	354	373	353	387	412	403	386	397	419	390	84.2
Canning and preserving, fruits and vegetables.....	1,039	373	93	<i>50</i>	57	192	1,252	2,003	2,111	2,416	1,813	1,324	781	2.1
Clothing, men's.....	409	425	373	334	340	417	355	421	415	399	440	470	510	65.5
Confectionery and ice cream.....	263	238	234	<i>227</i>	251	265	266	244	242	277	299	306	317	71.6
Printing and publishing, book and job.....	124	129	126	128	124	134	128	116	116	116	118	124	129	86.6
Printing and publishing, newspapers and periodicals.....	100	<i>91</i>	94	94	95	95	98	102	104	103	105	109	110	82.7
Woolen goods.....	376	340	331	<i>327</i>	348	370	374	393	396	426	413	396	398	76.8
Total for cities.....	29,831	33,007	31,867	33,789	32,333	32,549	30,917	29,898	28,725	26,699	28,173	26,950	25,095	68.3
Males.....	26,562	30,237	29,257	31,270	29,739	29,837	27,331	25,957	24,994	22,805	24,317	23,442	19,853	63.5
Females.....	3,269	2,770	2,610	<i>2,519</i>	2,594	2,712	3,586	3,941	4,031	3,894	3,856	3,508	3,207	62.5
ASTORIA.....	1,404	1,871	1,658	1,700	1,376	1,474	1,120	1,353	1,640	1,384	1,120	1,125	1,087	54.9
Males.....	1,274	1,769	1,559	1,591	1,253	1,336	981	1,197	1,443	1,233	989	1,015	922	52.1
Females.....	130	102	<i>99</i>	109	123	138	139	156	197	151	131	110	105	50.3
EUGENE.....	534	<i>354</i>	<i>354</i>	373	399	414	755	772	793	660	640	447	447	44.6
Males.....	358	<i>283</i>	<i>293</i>	306	326	338	393	409	426	395	381	372	369	67.6
Females.....	176	<i>66</i>	<i>61</i>	67	73	76	362	363	367	265	259	75	78	16.6
PORTLAND.....	26,813	29,938	29,150	30,991	29,338	29,932	27,840	26,514	24,835	23,130	25,050	23,974	20,564	66.4
Males.....	24,167	27,546	26,792	28,745	27,547	27,533	25,220	23,639	21,950	20,232	21,999	21,114	17,737	61.9
Females.....	2,646	2,392	2,358	<i>2,246</i>	2,291	2,399	2,620	2,875	2,885	2,898	3,051	2,860	2,777	73.6
SALEM.....	1,080	844	705	725	720	720	1,202	1,269	1,457	1,525	1,363	1,404	1,027	46.2
Males.....	783	634	613	623	613	630	737	812	875	945	948	941	780	64.7
Females.....	317	210	<i>92</i>	97	107	99	465	447	582	580	415	463	247	15.8

MANUFACTURES—OREGON.

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	53,559	11,975	477	39,915	458	1,892	1,829	1,774	239
	1914	28,829	(2)	(2)	3,979	775	6,917	1,324	14,839	995
	1909	28,750	(2)	(2)	3,300	702	3,880	1,030	17,861	1,821
Automobile repairing.....	1919	727	52	0	376	17	223	20	31	2
	1914	185	(2)	(2)	54	1	117		11	2
Boxes, wooden packing, except cigar boxes.....	1919	610			509	28	57		10	
	1914	327	(2)	(2)	2		88	91	140	
Bread and other bakery products.....	1919	1,070	79		914	8	43	11	21	
	1914	700	(2)	(2)	61	191	314	10	101	17
Butter.....	1919	349	1		137	22	73	23	65	28
	1914	290	(2)	(2)	17	6	54	8	83	92
Canning and preserving, fish.....	1919	476	11		221		76	30	120	9
	1914	301	(2)	(2)	14		117		107	63
Canning and preserving, fruits and vegetables.....	1919	1,720	3		724		382		606	5
	1914	417	(2)	(2)	19	19	318	23	34	4
Cars and general shop construction and repairs by electric-railroad companies.....	1919	230		55	173			2		
	1914	225	(2)	(2)	1		164		60	
Cars and general shop construction and repairs by steam-railroad companies.....	1919	2,751			1,569			1,153	29	
	1914	1,601	(2)	(2)	56		1,414		30	101
Clothing, men's.....	1919	481	311		170					
Confectionery and ice cream.....	1919	450	9		345	4	10			82
	1914	402	(2)	(2)	31	89	148	93	4	37
Copper, tin, and sheet-iron work.....	1919	204	156		47		1			
	1914	212	(2)	(2)	183	4	25			
Flour-mill and gristmill products.....	1919	822			399	2	49	106	203	3
	1914	450	(2)	(2)	50	3	14		383	
Foundry and machine-shop products.....	1919	3,265	528		2,078	13	44		2	
	1914	690	(2)	(2)	86	11	484	12	2	65
Furniture.....	1919	895	7		881		7			
	1914	673	(2)	(2)	240		13	110	301	
Gas, illuminating and heating.....	1919	334			25			302		7
	1914	385	(2)	(2)	350		19	8		8
Lumber and timber products.....	1919	22,881	18	164	21,992	85	283	6	336	
	1914	12,829	(2)	(2)	84	9	870	110	11,755	
Lumber, planing-mill products, not including planing mills connected with sawmills.....	1919	1,084	57		968	10	40		9	
	1914	732	(2)	(2)	81	33	155	112	351	
Printing and publishing, book and job.....	1919	567	31	14	522					
	1914	515	(2)	(2)	401	5	19			
Printing and publishing, newspapers and periodicals.....	1919	929	87	8	785	32	15	1		1
	1914	945	(2)	(2)	790	37	103		13	2
Shipbuilding, wooden, including boat building.....	1919	2,990	2,400		577	4				
	1914	163	(2)	(2)	154		8		1	
Slaughtering and meat packing.....	1919	772	12		647		85	12	16	
	1914	442	(2)	(2)	9	7	5	14	395	12
Structural ironwork, not made in steel works or rolling mills.....	1919	1,111	1,000		15					
	1914	161	(2)	(2)	9		152			
Woolen goods.....	1919	808			434		191		183	
	1914	648					25	226	307	
All other industries.....	1919	13,024	7,108	230	4,807	233	313	103	128	102
	1914	5,596	(2)	(2)	1,197	360	2,291	492	604	592
Total for cities.....	1919	29,831	11,518	312	16,010	296	707	527	330	131
	1914	13,415	(2)	(2)	2,833	668	4,489	627	4,485	313
ASTORIA.....	1919	1,404	461	8	835	4	50	18	19	
	1914	1,172	(2)	(2)	91		199	5	847	30
EUGENE.....	1919	534			344	10	112	10	50	8
	1914	238	(2)	(2)	48	12	51	92	32	3
PORTLAND.....	1919	26,813	10,999	304	14,285	282	332	480	8	123
	1914	11,273	(2)	(2)	2,558	629	3,987	336	3,433	280
SALEM.....	1919	1,080	58		546		204	19	253	
	1914	732	(2)	(2)	136	27	252	144	173	

1 Includes 48 and under for 1914 and 1909.

2 Corresponding figures not available.

3 Not shown separately in 1914.

MANUFACTURES—OREGON.

95

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.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.		
All industries.....	2,707	58,559	388	1,421	3,136	526	5,854	165	5,476	84	6,090	81	12,623	26	8,609	12	8,194	4	8,577
Automobile repairing.....	229	727	19	180	399	18	172	6	156	4	230	1	196						
Boxes, wooden packing, except cigar boxes.....	20	610	2	3	9	8	109	2	66	4	230	1	196						
Bread and other bakery products.....	146	1,076	27	93	228	17	177	4	115	3	109	2	357						
Butter.....	76	349	6	57	125	11	130	1	32	1	62								
Canning and preserving, fish.....	36	476	1	14	48	15	188	5	160	1	80								
Canning and preserving, fruits and vegetables.....	59	1,720		19	35	16	106	16	522	4	372	4	595						
Cars and general shop construction and repairs by electric-railroad companies.....	4	230		1	2			1	43	1	55	1	130						
Cars and general shop construction and repairs by steam-railroad companies.....	21	2,751				6	62	3	82	5	328	4	543	2	881	1	855		
Clothing, men's.....	5	481				1	17	1	23	1	66	1	103	1	272				
Confectionery and ice cream.....	37	450	5	21	53	5	50	3	108	3	239								
Copper, tin, and sheet-iron work.....	63	204	12	41	81	8	70	2	53										
Flour-mill and gristmill products.....	116	822	28	63	150	17	182	5	144	1	65	2	280						
Foundry and machine-shop products.....	121	3,265	10	50	105	39	405	10	316	6	384	4	517	1	257			1	1,281
Furniture.....	23	895	4	5	14	5	55	5	191	2	144	2	491						
Gas, illuminating and heating.....	11	334			10	6	54							1	270				
Lumber and timber products.....	625	22,884	40	305	743	130	1,449	55	1,936	30	2,248	40	6,269	19	6,204	6	4,035		
Lumber, planing-mill products, not including planing mills connected with sawmills.....	61	1,084	4	28	65	14	170	8	233	5	338	2	278						
Printing and publishing, book and job.....	122	567	30	70	143	17	190	3	96	2	138								
Printing and publishing, newspapers and periodicals.....	224	929	92	100	164	27	293	2	80	1	72	2	320						
Shipbuilding, wooden, including boat building.....	30	2,990	2	13	23	2	30	1	28	1	86	9	1,535				2	1,288	
Slaughtering and meat packing.....	21	772	1	9	27	10	139										1	606	
Structural ironwork, not made in steel works or rolling mills.....	6	1,111		1	4	3	43	1	33									1	1,031
Woolen goods.....	5	808						1	43	1	81	2	203	1	391				
All other industries.....	646	13,024	105	338	708	151	1,073	30	1,010	12	902	5	716	1	334	2	1,410	2	6,265
Total for cities.....	1,060	29,831	160	476	1,107	250	2,832	77	2,490	43	3,123	35	5,518	12	4,042	3	2,142	4	8,577
ASTORIA.....	78	1,404	10	39	85	15	187	5	148	4	294	5	690						
EUGENE.....	52	534	9	27	63	13	147			2	135	1	189						
PORTLAND.....	846	20,813	119	377	885	201	2,249	70	2,264	34	2,432	20	4,222	12	4,042	3	2,142	4	8,577
SALEM.....	84	1,080	22	33	74	21	249	2	78	3	202	3	417						

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.....	2,707	2,320	2,246	58,559	28,829	28,750	\$360,782,627	\$100,761,951	\$93,004,845	\$160,570,586	\$40,504,130	\$42,452,375
Less than \$5,000.....	664	907	789	373	927	957	1,601,344	2,220,810	1,926,913	1,179,400	1,522,173	1,343,938
\$5,000 to \$20,000.....	851	752	780	2,229	2,618	3,214	9,077,001	7,809,072	8,203,981	5,834,548	4,684,567	5,082,474
\$20,000 to \$100,000.....	712	451	482	6,130	5,549	7,104	31,975,446	19,682,477	21,453,056	10,214,557	8,990,230	10,026,549
\$100,000 to \$500,000.....	343	171	181	14,296	16,447	15,110	77,258,954	37,673,837	47,022,078	33,065,751	24,344,165	20,766,801
\$500,000 to \$1,000,000.....	68	26		8,630			46,693,045	17,229,026		21,081,227		
\$1,000,000 and over.....	69	13	8	20,901	3,288	2,365	200,086,747	25,145,829	14,398,817	82,571,091	6,993,005	4,632,613
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.....	24.5	39.1	35.1	0.6	3.2	3.3	0.5	2.0	2.1	0.7	3.3	3.2
\$5,000 to \$20,000.....	31.4	32.4	35.0	3.8	9.1	11.2	2.5	7.1	8.8	3.6	10.1	12.0
\$20,000 to \$100,000.....	26.3	19.4	21.5	10.5	19.2	24.7	8.7	17.9	23.1	10.1	19.3	25.0
\$100,000 to \$500,000.....	12.7	7.4		24.4	57.1	52.6	21.1	34.3	50.6	21.0	52.3	48.9
\$500,000 to \$1,000,000.....	2.5	1.1		14.7			12.7	15.7		13.1		
\$1,000,000 and over.....	2.5	0.6	0.4	45.9	11.4	8.2	54.6	22.9	15.5	51.4	15.0	10.9

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		Per cent distribution.		1919		Per cent distribution.		1919		Per cent distribution.		1919		Per cent distribution.		
			1914	1919			1914	1919			1914	1919			1914	1919	
BREAD AND OTHER BAKERY PRODUCTS.....	146	163	100.0	100.0	1,076	700	100.0	100.0	\$9,031,478	\$3,325,789	100.0	100.0	\$3,322,409	\$1,416,261	100.0	100.0	
Less than \$5,000.....	22	60	15.1	40.5	4	33	0.4	4.7	62,701	190,113	0.7	5.7	25,358	85,565	0.8	5.9	
\$5,000 to \$20,000.....	56	69	38.4	42.3	73	129	6.8	18.4	632,683	614,951	7.0	18.5	246,389	289,853	7.4	19.4	
\$20,000 to \$100,000.....	54	20	37.0	12.3	255	131	23.7	18.7	2,200,397	617,490	24.4	18.6	736,211	245,610	23.7	17.0	
\$100,000 to \$500,000.....	10	18	6.8	4.9	257	1407	23.9	58.1	2,142,410	1,903,235	23.7	57.2	701,522	1,834,203	21.1	57.7	
\$500,000 and over.....	4	3	2.7	.....	487	.....	45.3	.....	3,993,278	.....	44.2	.....	1,562,929	.....	47.0	.....
BUTTER.....	76	72	100.0	100.0	349	260	100.0	100.0	8,727,860	4,268,652	100.0	100.0	1,289,211	689,150	100.0	100.0	
Less than \$5,000.....	9	7	9.7	3	1.2	19,173	0.4	3,700	0.5
\$5,000 to \$20,000.....	9	22	11.8	30.6	4	24	1.1	9.2	99,907	294,353	1.1	6.9	16,831	46,330	1.3	6.7	
\$20,000 to \$100,000.....	39	33	51.3	45.8	84	108	24.1	41.5	2,127,740	1,597,955	24.4	37.4	308,014	277,252	23.9	40.2	
\$100,000 to \$500,000.....	25	10	32.9	13.9	150	1125	43.0	48.1	4,429,986	1,357,171	50.8	55.2	647,593	1,361,862	50.2	52.5	
\$500,000 to \$1,000,000.....	3	3	3.9	.....	111	.....	31.8	.....	2,070,176	.....	23.7	.....	316,743	.....	24.6	.....
CANNING AND PRESERVING, FISH.....	36	25	100.0	100.0	476	301	100.0	100.0	6,531,462	2,929,657	100.0	100.0	1,866,974	1,054,162	100.0	100.0	
Less than \$100,000.....	22	14	61.1	56.0	117	62	24.6	20.6	975,461	534,783	14.9	18.3	286,969	170,716	14.3	16.2	
\$100,000 to \$500,000.....	10	11	27.8	44.0	185	1239	38.9	79.4	2,337,010	1,304,874	35.8	81.7	765,733	1,833,446	40.6	83.8	
\$500,000 and over.....	4	.....	11.1	.....	174	.....	36.6	.....	3,218,991	.....	49.3	.....	844,272	.....	45.2	.....
CANNING AND PRESERVING, FRUITS AND VEGETABLES.....	59	37	100.0	100.0	1,720	417	100.0	100.0	12,265,651	1,552,077	100.0	100.0	4,050,163	493,918	100.0	100.0	
Less than \$5,000.....	4	17	6.8	45.9	4	33	0.2	7.9	13,426	36,430	0.1	2.3	7,597	16,784	0.2	3.4	
\$5,000 to \$20,000.....	11	8	13.6	21.6	28	35	1.6	8.4	142,373	79,395	1.2	5.1	65,542	33,105	1.6	6.7	
\$20,000 to \$100,000.....	15	6	25.4	16.2	187	95	10.9	22.8	814,147	258,923	6.6	16.7	291,152	50,405	7.2	10.2	
\$100,000 to \$500,000.....	20	6	33.9	10.2	642	254	37.3	60.9	3,381,646	1,177,329	27.6	75.9	1,140,643	393,624	28.2	79.7	
\$500,000 to \$1,000,000.....	6	.....	10.2	.....	547	.....	31.8	.....	3,900,045	.....	32.5	.....	1,350,749	.....	33.3	.....
\$1,000,000 and over.....	3	.....	5.1	.....	312	.....	18.1	.....	3,924,014	.....	32.0	.....	1,194,480	.....	29.6	.....
FLOUR-MILL AND GRISTMILL PRODUCTS.....	116	95	100.0	100.0	822	450	100.0	100.0	42,549,987	11,192,573	100.0	100.0	4,748,230	1,365,342	100.0	100.0	
Less than \$5,000.....	11	10	9.5	10.5	1	3	0.1	0.7	27,067	31,958	0.1	0.3	5,447	7,192	0.1	0.5	
\$5,000 to \$20,000.....	29	31	25.0	32.6	14	28	1.7	6.2	344,526	394,850	0.8	3.5	72,054	72,103	1.5	5.3	
\$20,000 to \$100,000.....	36	35	31.0	36.8	77	83	9.4	18.4	1,678,110	1,582,655	3.9	14.1	271,325	244,268	5.7	17.0	
\$100,000 to \$500,000.....	130	116	25.9	16.8	1211	1141	25.7	31.3	18,508,076	3,833,184	20.0	34.3	1,995,938	1,530,752	21.0	38.9	
\$500,000 and over.....	10	3	8.6	3.2	510	195	63.1	43.4	31,991,608	5,349,926	75.2	47.8	3,402,795	511,027	71.7	37.4	
FOUNDRY AND MACHINE-SHOP PRODUCTS.....	121	98	100.0	100.0	3,265	660	100.0	100.0	21,136,153	1,870,540	100.0	100.0	12,413,037	1,090,248	100.0	100.0	
Less than \$5,000.....	17	33	14.0	33.7	9	37	0.3	5.6	40,019	88,284	0.2	4.7	27,750	64,457	0.2	5.9	
\$5,000 to \$20,000.....	38	42	31.4	42.9	83	106	2.5	25.2	391,641	446,436	1.9	23.9	272,741	288,192	2.2	26.4	
\$20,000 to \$100,000.....	44	19	36.4	10.4	443	270	13.6	40.9	1,971,702	792,740	9.3	42.4	1,205,697	430,330	9.7	39.5	
\$100,000 to \$500,000.....	16	4	13.2	4.1	711	187	21.8	28.3	3,484,829	543,080	16.5	29.0	2,218,244	307,269	17.9	28.2	
\$500,000 to \$1,000,000.....	3	.....	2.5	.....	327	.....	10.0	.....	1,833,994	.....	8.8	.....	1,306,937	.....	10.5	.....
\$1,000,000 and over.....	3	.....	2.5	.....	1,692	.....	51.8	.....	13,393,908	.....	63.4	.....	7,381,008	.....	59.5	.....
LUMBER AND TIMBER PRODUCTS.....	625	439	100.0	100.0	22,884	12,829	100.0	100.0	85,347,711	27,500,638	100.0	100.0	53,213,068	15,020,570	100.0	100.0	
Less than \$5,000.....	160	206	25.6	46.9	131	350	0.6	2.7	383,506	430,064	0.4	1.6	313,640	351,824	0.6	2.3	
\$5,000 to \$20,000.....	203	116	32.5	26.4	847	737	3.7	5.7	2,226,456	1,137,371	2.6	4.1	1,779,614	863,742	3.3	5.8	
\$20,000 to \$100,000.....	133	57	21.3	13.0	1,922	1,295	8.4	10.1	6,074,881	2,220,877	7.1	8.1	4,451,288	1,493,933	8.4	9.9	
\$100,000 to \$500,000.....	84	46	13.4	10.5	6,401	10,144	28.0	71.3	22,426,267	11,651,283	26.3	42.4	13,218,817	10,314,564	24.8	68.7	
\$500,000 to \$1,000,000.....	23	11	3.7	2.5	4,718	.....	20.6	.....	15,940,725	7,272,195	18.7	26.4	10,636,639	.....	19.8	.....
\$1,000,000 and over.....	22	8	3.5	0.7	8,865	1,303	38.7	10.2	38,202,876	4,797,848	44.9	17.4	22,913,170	1,990,617	43.1	13.8	
LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS.....	61	69	100.0	100.0	1,084	732	100.0	100.0	5,804,349	2,278,642	100.0	100.0	2,526,063	1,020,093	100.0	100.0	
Less than \$5,000.....	8	10	13.1	23.2	4	14	0.4	1.9	20,248	34,958	0.3	1.5	11,093	18,678	0.4	1.8	
\$5,000 to \$20,000.....	13	25	29.5	36.2	38	82	3.5	11.2	200,367	280,922	3.5	12.1	86,457	135,869	3.4	13.3	
\$20,000 to \$100,000.....	19	21	31.1	30.4	183	273	16.9	37.3	886,893	153,301	15.3	35.2	405,374	370,845	16.0	30.4	
\$100,000 to \$500,000.....	116	7	26.2	10.1	1,859	363	78.2	49.6	4,696,841	1,220,261	80.9	51.3	1,023,139	494,801	80.1	48.5	
PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS.....	224	251	100.0	100.0	929	945	100.0	100.0	6,408,348	4,126,752	100.0	100.0	4,764,257	3,148,152	100.0	100.0	
Less than \$5,000.....	116	147	51.8	58.6	56	118	6.0	12.5	296,362	358,534	4.6	8.7	235,899	303,037	5.0	9.6	
\$5,000 to \$20,000.....	65	73	29.0	29.1	119	150	12.8	15.9	636,405	734,683	9.9	17.8	525,253	629,676	11.0	20.0	
\$20,000 to \$100,000.....	37	27	16.5	10.8	283	221	30.5	23.4	1,526,486	962,406	23.8	23.8	1,239,574	795,091	26.0	25.3	
\$100,000 to \$500,000.....	3	4	1.3	1.6	80	456	8.6	48.3	447,550	2,071,129	7.0	50.2	377,907	1,420,448	7.9	46.1	
\$500,000 and over.....	3	.....	1.3	.....	391	.....	42.1	.....	3,501,545	.....	54.6	.....	2,385,637	.....	50.1	.....
SHIPBUILDING, WOODEN, INCLUDING BOAT BUILDING.....	30	20	100.0	100.0	2,900	163	100.0	100.0	13,777,615	332,074	100.0	100.0	6,924,053	217,626	100.0	100.0	
Less than \$5,000.....	4	9	13.3	45.0	1	2	0.0	1.2	9,091	14,672	0.1	4.4	5,833	10,898	0.1	4.8	
\$5,000 to \$20,000.....	12	7	40.0	35.0	41	30	1.4	18.4	123,982	67,862	0.9	20.4	475,073	40,734	1.1	18.7	
\$20,000 to \$100,000.....	4	20.0	131	80.4	249,540	75.1	166,494	76.5
\$100,000 to \$500,000.....	10	.....	33.3	.....	1,164	.....	38.9	.....	3,762,890	.....	27.3	.....	2,215,122	.....	32.0	.....
\$500,000 and over.....	4	.....	13.3	.....	1,784	.....	59.7	.....	9,881,652	.....	71.7	.....	4,628,025	.....	66.8	.....
SLAUGHTERING AND MEAT PACKING.....	21	14	100.0	100.0	772	442	100.0	100.0	15,868,169	7,486,920	100.0	100.0	2,118,836	1,284,465	100.0	100.0	
\$5,000 to \$20,000.....	3	.....	14.3	.....	8	.....	0.4	.....	48,737	.....	0.3	.....	19,147	.....	0.9	.....
\$20,000 to \$100,000.....	6	8	28.6	57.1	19	24	2.5	5.4	248,468	379,910							

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

2 Includes the groups "\$500,000 to \$1,000,000" and "\$1,000,000 and over."

3 Less than one-tenth of 1 per cent.

4 Includes the group "\$20,000 to \$100,000."

5 Includes the group "\$100,000 to \$500,000."

7 Includes the group "\$1,000,000 and over."

6 Includes the group "\$5,000 to \$20,000."

MANUFACTURES—OREGON.

97

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.
ASTORIA.....	78	1,404	100.0	\$13,398,627	100.0	\$4,128,053	100.0	SALEM.....	84	1,080	100.0	\$9,435,070	100.0	\$2,694,262	100.0
Less than \$5,000.....	6	2	0.1	11,913	0.1	8,384	0.2	Less than \$5,000.....	28	6	0.6	72,549	0.8	44,062	1.6
\$5,000 to \$20,000.....	33	62	4.4	339,355	2.5	174,022	4.2	\$5,000 to \$20,000.....	19	45	4.2	224,775	2.4	111,893	4.2
\$20,000 to \$100,000.....	21	187	13.3	1,046,757	7.8	529,840	12.8	\$20,000 to \$100,000.....	20	152	14.1	770,219	8.2	329,112	12.2
\$100,000 to \$500,000.....	12	781	54.2	3,698,128	26.9	1,595,247	38.6	\$100,000 to \$500,000.....	11	289	24.0	2,262,322	24.0	705,325	26.2
\$500,000 and over.....	6	392	27.9	8,408,474	62.7	1,820,560	44.1	\$500,000 to \$1,000,000.....	3	390	36.1	2,157,815	22.9	830,814	30.8
								\$1,000,000 and over.....	3	218	20.2	3,947,390	41.8	673,056	25.0
EUGENE.....	52	534	100.0	2,489,647	100.0	1,017,418	100.0	PORTLAND.....	846	26,813	100.0	196,380,146	100.0	84,993,567	100.0
Less than \$5,000.....	11	6	1.1	30,497	1.2	22,742	2.2	Less than \$5,000.....	153	74	0.3	428,065	0.2	294,275	0.3
\$5,000 to \$20,000.....	20	39	7.3	183,623	7.4	108,217	10.6	\$5,000 to \$20,000.....	240	507	1.9	2,645,167	1.3	1,090,815	2.0
\$20,000 to \$100,000.....	16	152	28.5	713,365	28.7	415,855	40.9	\$20,000 to \$100,000.....	262	2,116	7.9	11,785,356	6.0	6,513,036	7.7
\$100,000 and over.....	5	337	63.1	1,662,162	62.7	470,604	46.3	\$100,000 to \$500,000.....	122	4,191	15.6	26,029,883	13.3	12,376,307	14.6
								\$500,000 to \$1,000,000.....	29	2,383	8.9	19,843,847	10.1	6,781,564	8.0
								\$1,000,000 and over.....	40	17,542	65.4	135,647,828	69.1	57,337,570	67.6

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

INDUSTRY AND CITY.	Cen- sus year.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.					
					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.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	
		Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Total.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	Indi- vid- uals.	Cor- pora- tions.	All oth- ers.	
All industries.....	1919	1,146	934	627	58,559	3,415	50,880	4,284	5.8	86.9	7.3	\$360,782,627	\$19,399,351	\$322,331,966	\$25,051,310	5.3	87.9	6.8	
	1914	1,062	710	548	28,829	2,678	24,047	2,104	9.3	83.4	7.3	109,761,951	9,860,214	91,351,338	8,550,399	9.0	83.2	7.8	
	1909	1,031	640	576	28,750	3,552	22,063	3,135	12.4	76.7	10.9	93,004,845	11,482,192	70,781,269	10,741,384	12.3	76.1	11.6	
Bread and other bakery products.	1919	96	20	30	1,076	199	754	123	18.5	70.1	11.4	9,031,478	1,626,093	6,303,798	1,101,587	18.0	69.8	12.2	
	1914	116	11	36	700	168	401	131	24.0	57.3	18.7	3,325,789	811,144	1,775,375	739,270	24.4	53.4	22.2	
Butter.....	1919	18	34	24	349	32	241	76	9.2	69.1	21.8	8,727,899	1,166,384	5,549,998	2,011,487	13.4	63.6	23.0	
	1914	21	29	22	260	38	161	61	14.6	61.9	23.5	4,268,652	654,325	2,367,778	1,240,549	15.8	55.5	29.2	
Canning and preserving, fish.	1919	2	31	3	476	.....	442	134	.....	92.9	7.1	6,531,462	.....	6,190,624	1340,838	.....	94.8	5.2
	1914	1	23	1	301	.....	301	.....	.....	100.0	.....	2,929,657	.....	2,929,657	.....	.....	100.0	.....
Canning and preserving, fruits and vegetables.	1919	10	34	15	1,720	54	1,562	104	3.1	90.8	6.0	12,265,651	305,114	10,254,242	1,706,295	2.5	83.6	13.9	
	1914	12	16	9	417	52	261	74	12.5	69.8	17.7	1,552,077	91,315	994,995	465,767	5.9	64.1	30.0	
Cars and general shop construction and repairs by steam-railroad companies.	1919	.....	21	.....	2,751	.....	2,751	.....	.....	100.0	.....	6,472,962	.....	6,472,962	.....	.....	100.0	.....
	1914	.....	14	.....	1,601	.....	1,601	.....	.....	100.0	.....	2,583,653	.....	2,583,653	.....	.....	100.0	.....
Flour-mill and gristmill products.	1919	49	47	20	822	79	702	41	9.6	85.4	5.0	42,549,987	2,316,789	38,821,400	1,411,798	5.4	91.2	3.3	
	1914	34	40	21	450	46	372	32	10.2	82.7	7.1	11,192,573	1,050,684	9,586,401	556,488	9.4	85.6	5.0	
Foundry and machine-shop products.	1919	45	53	23	3,265	135	2,987	143	4.1	91.5	4.4	21,136,153	730,594	19,682,980	722,579	3.5	93.1	3.4	
	1914	41	37	20	660	124	464	72	18.8	70.3	10.9	1,870,540	344,284	1,282,810	243,446	18.4	68.6	13.0	
Lumber and timber products	1919	236	199	190	22,884	1,333	20,223	1,328	5.8	88.4	5.8	85,347,711	4,441,423	76,537,842	4,368,446	5.2	89.7	5.1	
	1914	170	129	140	12,829	647	11,484	698	5.0	89.5	5.4	27,509,638	951,054	25,399,913	1,159,571	8.5	92.3	4.2	
Lumber, planing-mill products, not including planing mills connected with saw-mills.	1919	17	30	14	1,084	48	954	82	4.4	88.0	7.6	5,804,349	198,669	5,206,402	399,278	3.4	89.7	6.9	
	1914	20	28	21	732	69	571	92	9.4	78.0	12.6	2,378,642	228,829	1,779,798	370,015	9.6	74.8	15.6	
Printing and publishing, newspapers and periodicals.	1919	136	51	37	929	184	698	47	19.8	75.1	5.1	6,408,348	975,747	5,162,507	270,094	15.2	80.6	4.2	
	1914	164	47	40	945	206	680	59	21.8	72.0	6.2	4,126,752	861,014	2,972,100	293,638	20.9	72.0	7.1	
Shipbuilding, wooden, including boat building.	1919	9	14	7	2,990	17	2,792	241	0.6	91.4	8.1	13,777,615	60,940	12,963,534	753,141	0.4	94.1	5.5	
	1914	9	2	9	163	29	134	.....	17.8	82.2	.....	332,074	71,242	.....	260,832	21.5	.....	78.5
Slaughtering and meat packing.	1919	5	14	2	772	436	736	.....	4.7	95.3	.....	15,868,169	4482,492	15,385,677	.....	3.0	97.0	.....
	1914	4	8	2	442	412	430	.....	2.7	97.3	.....	7,486,920	4229,285	7,267,935	.....	3.1	96.9	.....
Total for cities.....	1919	413	443	204	29,831	1,354	26,445	2,032	4.5	88.6	6.8	221,703,490	7,717,425	201,095,986	12,890,079	3.5	90.7	5.8	
	1914	402	374	222	13,415	1,284	11,167	974	9.6	83.2	7.3	63,940,931	5,045,373	54,392,178	4,503,380	7.9	85.1	7.0	
ASTORIA.....	1919	27	35	16	1,404	210	1,177	17	15.0	83.8	1.2	13,398,627	1,030,849	12,200,426	167,552	7.7	91.1	1.2	
	1914	23	22	12	1,172	69	1,069	44	5.9	90.4	3.7	4,687,301	227,979	4,187,168	172,154	5.0	91.3	3.7	
EUGENE.....	1919	23	14	15	534	64	413	57	12.0	77.3	10.7	2,489,647	319,150	1,700,686	469,811	12.8	68.3	18.9	
	1914	14	9	14	238	54	135	49	22.7	56.7	20.6	810,346	167,382	388,578	254,386	20.7	47.9	31.4	
PORTLAND.....	1919	322	373	151	26,813	975	23,976	1,862	3.6	89.4	6.9	196,380,146	5,646,022	179,517,773	11,216,351	2.9	91.4	5.7	
	1914	336	325	176	11,273	1,077	9,467	729	9.5	84.0	6.5	55,697,440	4,263,753	48,151,708	3,281,079	7.7	86.4	5.9	
SALEM.....	1919	41	21	22	1,080	105	879	96	9.7	81.4	8.9	9,435,070	721,604	7,677,101	1,036,365	7.6	81.4	11.0	
	1914	29	18	20	732	84	496	152	11.5	67.7	20.8	2,845,844	386,259	1,664,724	794,861	13.6	58.5	27.9	

¹ Includes the group "Individuals."
² Includes the groups "Individuals" and "All others."

³ Includes the group "Corporations."
⁴ Includes the group "All others."

MANUFACTURES—OREGON.

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

	Census 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.		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 of places.....	1919.....		4.....		3.....		1.....			
	1914.....		4.....		3.....		1.....			
	1909.....		2.....		1.....		1.....			
Population.....	1920.....	783,389	300,587	38.4	42,299	5.4	258,288	33.0	482,802	61.6
	1915.....	783,239	301,087	38.4	40,486	5.2	260,601	33.3	482,152	61.6
	1910.....	672,705	221,308	32.9	14,094	2.1	207,214	30.8	451,457	67.1
Number of establishments.....	1919.....	2,707	1,060	39.2	214	7.9	846	31.3	1,647	60.8
	1914.....	2,320	998	43.0	161	6.9	837	36.1	1,322	57.0
	1909.....	2,246	711	31.7	62	2.8	649	28.9	1,536	68.3
Average number of wage earners.....	1919.....	58,559	29,831	50.9	3,018	5.2	26,813	45.8	28,728	49.1
	1914.....	28,829	13,415	46.5	2,142	7.4	11,273	39.1	15,414	53.5
	1909.....	28,750	12,811	44.6	597	2.1	12,214	42.5	15,939	55.4
Value of products.....	1919.....	\$366,782,627	\$221,703,490	60.4	\$25,323,344	6.9	\$196,380,146	53.5	\$145,079,137	39.6
	1914.....	109,761,951	63,940,931	58.3	8,243,491	7.5	55,697,440	50.7	46,821,020	41.7
	1909.....	93,004,845	49,068,798	52.8	2,208,031	2.4	46,860,767	50.4	43,936,047	47.2
Value added by manufacture.....	1919.....	100,576,586	92,833,300	57.8	7,839,733	4.9	84,993,567	52.0	67,743,286	42.2
	1914.....	46,604,130	25,348,961	54.5	3,550,114	7.6	21,798,787	46.9	21,155,220	45.5
	1909.....	42,452,375	21,815,981	51.4	1,030,830	2.4	20,785,151	49.0	20,636,894	48.6

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 PORTLAND (THE ONLY CITY IN THE STATE HAVING 50,000 INHABITANTS OR MORE), WITH PER CENT OF TOTAL FOR STATE: 1919.

INDUSTRY.	VALUE OF PRODUCTS.				INDUSTRY.	VALUE OF PRODUCTS.			
	Amount, 1919.	Per cent of total for the state.	Increase over 1914.			Amount, 1919.	Per cent of total for the state.	Increase over 1914.	
			Amount.	Per cent.				Amount.	Per cent.
Flour-mill and gristmill products.....	\$22,525,761	52.9	\$17,296,849	330.8	Clothing, men's.....	\$2,034,335	100.0	(¹)	.....
Foundry and machine-shop products.....	19,423,232	91.9	18,039,041	1,303.8	Saddlery and harness.....	1,035,064	84.7	\$845,500	107.0
Lumber and timber products.....	18,845,793	22.1	12,259,074	186.1	Automobile repairing.....	1,265,165	48.6	750,747	148.8
Shipbuilding, wooden, including boat building.....	9,881,322	71.7	9,801,397	.....	Copper, tin, and sheet-iron work.....	1,129,107	84.3	(¹)	.....
Bread and other bakery products.....	7,157,084	79.2	4,630,536	183.3	Bags, other than paper, not including bags made in textile mills.....				
Structural ironwork, not made in steel- works or rolling mills.....	6,392,273	100.0	5,742,669	884.0	Cars and general shop construction and repairs by steam-railroad companies.....				
Printing and publishing, newspapers and periodicals.....	4,630,780	72.3	1,995,957	75.8	Cars, steam-railroad, not including opera- tions of railroad companies.....				
Food preparations, not elsewhere specified.	4,217,094	100.0	3,340,160	380.6	Engines, steam, gas, and water.....	(¹)	(¹)	(¹)	(¹)
Coffee, roasting and grinding.....	3,590,207	100.0	1,540,393	75.1	Gas, illuminating and heating.....				
Printing and publishing, book and job.....	3,119,527	91.9	1,599,221	105.2	Shipbuilding, steel, new vessels.....				
Confectionery and ice cream.....	2,935,436	84.7	(¹)	.....	Slaughtering and meat packing.....				
Furniture.....	2,899,667	91.1	1,652,662	132.5	Tinware, not elsewhere specified.....				
Lumber, planing-mill products, not includ- ing planing mills connected with sawmills	2,716,868	46.8	1,634,025	150.9	Wool pulling.....				
Butter.....	2,652,847	30.4	926,506	53.7	Woolen goods.....				

¹ Figures can not be shown without disclosing individual operations.

MANUFACTURES—OREGON.

99

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.....	9,674	5,188	3,442	304,346	214,222	175,010	100.0	100.0	100.0
Owned.....	2,130	1,710	1,921	211,219	175,155	100,110	69.4	81.8	91.5
Steam.....	1,992	1,308	1,572	165,801	116,591	112,244	54.5	54.4	64.1
Engines.....	1,850	(1)	(1)	146,840	(1)	(1)	48.2		
Turbines.....	42	(1)	(1)	25,161	(1)	(1)	8.3		
Internal-combustion engines.....	250	133	81	2,168	1,280	428	0.7	0.6	0.2
Water.....	188	278	268	43,252	57,275	47,438	14.2	26.7	27.1
Water wheels and turbines.....	170	234	237	43,057	56,972	47,041	14.1	26.6	26.9
Water motors.....	18	44	31	105	303	397	0.1	0.1	0.2
Rented.....	7,544	3,469	1,521	93,127	39,067	14,909	30.6	18.2	8.5
Electric.....	7,544	3,469	1,521	92,576	39,010	14,811	30.4	18.2	8.4
Other.....				551	57	98	0.2	(2)	0.1
Electric.....	8,795	3,937	1,745	118,187	48,739	20,802	100.6	100.0	100.0
Rented.....	7,544	3,469	1,521	92,576	39,010	14,811	78.3	80.0	71.2
Generated by establishments reporting.....	1,251	468	224	25,611	9,729	5,991	21.7	20.0	28.8

¹ Not reported separately.

² 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, 2,210 pounds).	Bituminous (tons, 2,000 pounds).				
All industries.....	1,825	72,695	10,970	1,350,459	19,873	402,457
Per cent of increase.....	1914..... 0.2	14,437 403.5	6,103 79.7	940,377 45.7	(1) (1)	61,938 549.2
Brass and bronze products.....	156	2	56	2,689	30	1,497
Bread and other bakery products.....		465	459	16,350	135	30,497
Brick and tile, terra-cotta, and fire-clay products.....	3,016			942	5	
Canning and preserving, fish.....	12	870		9,023	1,049	1,432
Canning and preserving, fruits and vegetables.....	300	6,328	30	16,196	12	
Cars and general shop construction and repairs by steam-railroad companies.....		36,126	104	26,058	9,720	
Cement.....				37,097		
Corlidge and twine.....				14,011		
Foundry and machine-shop products.....	254	9,411	7,778	9,199	344	17,076
Gas, illuminating and heating.....		4,492	785	585,235		
Lumber and timber products.....	69	2,732	8	177,134	4,011	
Paper and wood pulp.....				313,308		
Shipbuilding, steel, new vessels.....	721	350	51	45,330	184	75,321
Slaughtering and meat packing.....		1,019		15,159		690
Structural ironwork, not made in steel works or rolling mills.....	28	5	350	14,500		172,000
Woolen goods.....		1,186		17,851		
All other industries.....	285	6,693	1,319	49,717	4,377	103,294
Total for cities.....	1,395	38,333	9,923	759,463	5,387	398,863
ASTORIA.....	89	862	26	11,282	905	2,651
EUGENE.....		697	872	3,964	4	1,134
PORTLAND.....	1,006	34,048	8,701	733,717	4,465	394,468
SALEM.....	300	2,728	324	10,500	13	610

¹ Included in figures for fuel oils.

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 seven of these industries in Oregon are here presented.

Lumber and timber products (Table 19).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909. The growth of this industry in Oregon has been very rapid since 1899. The relative rank of the state in the production of lumber has advanced from twenty-third place in that year, to ninth, in 1909, fifth, in 1914, and third, in 1919.

Oregon is credited with having the largest stand of timber of any state in the Union, the principal species being Douglas fir and western yellow pine. In the production of lumber from these woods in 1919, this state occupied second place and first place, respectively, producing 30.4 per cent of the total cut of Douglas fir and 27.4 per cent of the total cut of western yellow pine in the United States.

The lumber cut from the principal species in 1919 was reported as follows: Douglas fir, 1,795,492,000 feet, or 69.7 per cent of the total cut from all species in the state; western yellow pine, 480,514,000 feet, or 18.6 per cent; spruce, 166,056,000 feet, or 6.4 per cent; hemlock, 52,906,000 feet, or 2.1 per cent; Port Orford cedar, 25,360,000 feet, or 1 per cent; white fir, 22,731,000 feet, or nine-tenths of 1 per cent; and larch, 18,968,000 feet, or seven-tenths of 1 per cent. Seven other woods were reported as manufactured into lumber, the most important of these being cedar, sugar pine, cottonwood, and maple.

TABLE 19.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

PRODUCT.	QUANTITY. ¹		
	1919	1914	1909
Lumber.....M feet b. m.	2,577,403	1,817,875	1,898,965
Lath.....thousands..	122,848	(²)	161,512
Shingles.....thousands..	530,066	(²)	293,644

¹ The output of custom mills is included in 1919 and 1909, but not in 1914.

² Not reported.

Flour-mill and gristmill products (Table 20).—Wheat flour was the product of chief value in 1919 as in 1914, forming 81 per cent and 69.2 per cent, respectively, of the total value of products for the industry in the state. The value of bran and middlings and feed and offal combined was second in value of products, forming 18 per cent of the total for the industry in 1919 and 27.5 per cent in 1914. During this five-year period, the total value for the industry increased \$31,357,414, or 280.2 per cent. The value

of flour increased \$26,728,139, or 344.9 per cent, and the quantity, 1,550,422 barrels, or 86.6 per cent. Similarly, bran and middlings increased 220.4 per cent in value and 89.6 per cent in quantity, while feed and offal increased 103.3 per cent in value, but decreased 7 per cent in quantity.

TABLE 20.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	\$42,549,087	\$11,192,573	\$8,891,001
Wheat flour:			
Barrels.....	3,341,756	1,791,334	1,360,281
Value.....	\$34,477,758	\$7,749,619	\$6,015,845
Barley meal:			
Pounds.....	1,132,930	1,836,918	1,095,604
Value.....	\$29,961	\$34,806	\$17,963
Corn meal and corn flour:			
Barrels.....	557	2,867	559
Value.....	\$4,534	\$14,030	\$2,238
Bran and middlings:			
Tons.....	98,122	51,758	
Value.....	\$3,800,078	\$1,185,918	
Feed and offal:			
Tons.....	66,239	71,254	104,262
Value.....	\$3,846,156	\$1,892,079	\$2,688,095
Breakfast foods:			
Pounds.....	2,191,040	5,396,437	
Value.....	\$113,042	\$183,715	
All other cereal products, value.....	\$246,450	\$109,689	\$64,056
All other products, value.....	\$31,408	\$17,697	\$102,806

Slaughtering and meat packing (Table 21).—This table presents for the slaughtering and meat-packing industry for the census years 1919, 1914, and 1909, the number and cost of the most important classes of animals slaughtered, the cost of "All other materials," which includes that for goats and kids, poultry, dressed meat purchased for curing, cottonseed oil for making lard compounds and substitutes, butter and whole milk for making oleomargarine, curing materials, seasoning, refrigeration, containers, fuel, rent of power, mill supplies, and freight; and the kind, quantity, and value of the principal products that can be shown without disclosing individual operations. The value of minor and auxiliary specified products are grouped under "All other products" and include beef, pickled and other cured, canned sausage, lard compounds and substitutes, lard oil and other oils, oleomargarine, casings, fertilizers and fertilizer materials, glue, wool, and stock feed.

From 1914 to 1919 there was an actual decrease of 38,555 in the total number of all classes of animals slaughtered. This decrease was in sheep and lambs and hogs, which together show a decrease of 59,561; while, on the other hand, there was an increase of 21,006 in the number of beeves and calves combined. The cost of each of these classes, however, shows a large increase. The total cost of materials increased \$7,546,878, or 121.7 per cent, and value of products \$8,381,249, or 111.9 per cent, during this five-year period.

Of the several products for which the values are shown, the same general proportions of the total for the industry prevailed in 1919 as in 1914, with the exception of fresh pork, which was second in importance, with 16.2 per cent of the total in 1914 as compared with third in 1919, with but 7.9 per cent.

TABLE 21.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

	1919	1914	1909
MATERIALS.			
Total cost.....	\$13,749,333	\$9,202,455	\$5,014,846
Animals slaughtered:			
Beef—			
Number.....	50,413	33,431	51,922
Cost.....	\$4,089,350	\$2,549,264	\$2,391,659
Calves—			
Number.....	5,312	1,288	6,034
Cost.....	\$116,052	\$20,246	\$70,659
Sheep and lambs—			
Number.....	98,571	141,892	92,038
Cost.....	\$337,190	\$700,264	\$397,837
Hogs—			
Number.....	143,252	159,492	75,395
Cost.....	\$5,151,435	\$2,394,147	\$1,295,899
All other materials, cost.....	\$3,558,306	\$538,504	\$359,242
PRODUCTS.			
Total value.....	\$15,868,169	\$7,486,920	\$5,879,615
Fresh meat:			
Beef—			
Pounds.....	24,574,531	18,550,133	28,769,934
Value.....	\$3,976,454	\$2,237,855	\$2,235,816
Veal—			
Pounds.....	572,588	162,928	851,558
Value.....	\$117,018	\$19,888	\$38,663
Mutton and lamb—			
Pounds.....	4,095,504	7,242,761	3,866,798
Value.....	\$820,599	\$633,165	\$351,170
Pork—			
Pounds.....	5,131,830	10,635,553	4,258,595
Value.....	\$1,259,403	\$1,213,683	\$517,974
Edible offal and other fresh meat—			
Pounds.....	2,114,637	1,737,778	72,635
Value.....	\$385,310	\$153,971	\$8,303
Pork, pickled and other cured:			
Pounds.....	12,030,437	7,817,795	5,123,483
Value.....	\$3,703,376	\$1,192,045	\$752,137
Sausage:			
Pounds.....	2,948,094	2,180,304	2,039,193
Value.....	\$595,472	\$307,751	\$250,822
Lard:			
Pounds.....	3,385,854	3,591,540	5,709,268
Value.....	\$971,858	\$419,179	\$635,628
Tallow:			
Pounds.....	1,529,865	1,299,341	827,738
Value.....	\$143,256	\$65,371	\$45,024
Hides:			
Cattle—			
Number.....	50,413	33,431	
Pounds.....	3,063,524	2,456,098	
Value.....	\$376,335	\$324,668	
Calves—			
Number.....	5,308	1,188	
Pounds.....	53,292	16,108	
Value.....	\$32,240	\$2,569	
Sheep pelts—			
Number.....	97,597	141,892	
Value.....	\$191,073	\$103,966	
All other products, value.....	\$2,795,775	\$312,809	\$514,310

Shipbuilding, including boat building (Tables 22 and 23).—This industry includes the building and repairing of steel and wooden vessels, as well as small craft, and the manufacture of masts, spars, oars, and rigging. The number and tonnage of all vessels launched in 1919 and 1916 are shown, by classes, in the following table.

No steel vessels were launched in Oregon during 1916. In 1919, 28 vessels of this class of 135,042 tons were launched at Portland. Twenty-seven of these vessels were steam, all large sized, designed for freight service and equipped with oil burners. Some of them exceeded 6,000 gross tons.

Although two less wooden vessels were launched in 1919 than in 1916, there was an increase during the three-year period of 71,065 in tonnage, or 609.9 per cent. The wooden vessels constructed were mostly of a uniform type and tonnage, and like the steel vessels were built largely to meet the exigencies of the World War.

TABLE 22.—SHIPBUILDING, INCLUDING BOAT BUILDING—NUMBER AND TONNAGE: 1919 AND 1916.

	1919		1916	
	Num-ber.	Gross tonnage.	Num-ber.	Gross tonnage.
Vessels, 5 gross tons and over, launched during the year.....	62	217,759	36	11,652
Steel.....	28	135,042		
Steam.....	27	135,020		
Motor.....	1	22		
Wooden.....	34	82,717	36	11,652
Steam.....	20	51,734	5	4,719
Motor.....	1	14	9	118
Sail.....	1	1,728	19	6,255
Unrigged.....	12	29,241	3	560
Power boats, less than 5 gross tons.....	49		73	

The value of work done upon vessels of all kinds during 1919 and 1916 is shown in Table 23.

TABLE 23.—SHIPBUILDING, INCLUDING BOAT BUILDING—VALUE: 1919 AND 1916.

	1919	1916
Total value of work.....	\$53,501,950	\$2,915,346
Work done during the year on new vessels, 5 gross tons and over.....	52,809,785	2,627,046
Steel.....	39,707,334	800,000
Wood.....	13,102,451	1,827,046
Boats of less than 5 tons.....	51,294	60,566
Power boats of all kinds.....	46,654	39,856
Sailboats, rowboats, etc.....	4,640	20,710
Repair work.....	243,291	152,017
Steel.....	17,001	25,000
Wood.....	226,290	127,017
Masts.....	130,152	(¹)
All other products.....	267,428	75,717

¹ Included in "All other products."

The figures in this table are not strictly comparable with those for tonnage launched, as shown in Table 22, since they include only the value of work done in the shipyards of Oregon in 1919 and 1916, while part of the cost of construction of the vessels actually launched may have been an expenditure during prior years, just as the value of the work reported in Table 23 represents the expense of any work done during the year on vessels on the ways.

Canning and preserving (Table 24).—This table shows in detail the quantity and value of the principal kinds of fruits, vegetables, and fish canned and preserved during 1919, 1914, and 1909.

From 1914 to 1919 the total value of all products for the industry increased \$15,853,068, or 334.6 per cent. Of this increase, \$10,713,574, or 67.6 per cent, was in fruits and vegetables, \$3,559,729, or 22.5 per cent, in fish and oysters, and \$1,579,765, or 10 per

cent, in pickles, preserves, and sauces. These three branches of the canning industry show increases in 1919 over 1914 in value of products as follows: Fruits and vegetables 690.3 per cent; fish and oysters 119.8 per cent; and pickles, preserves, and sauces 737.3 per cent. Practically all items in this table show increases in quantity, as well as in value during this five-year period, except salted fish and smoked or dried fish, both of which while increasing in value decreased in quantity.

TABLE 24.—CANNING AND PRESERVING: 1919, 1914, AND 1909

	1919	1914	1909
Total value ¹	\$20,591,135	\$4,738,067	\$3,207,060
Canning and preserving, fruits and vegetables.....	\$12,265,651	\$1,552,077	\$708,285
Canning and preserving, fish and oysters.....	6,531,402	2,971,733	2,336,412
Pickles, preserves, and sauces.....	1,794,022	214,257	162,363
Canned vegetables.....	\$258,609	\$27,863	\$48,210
Beans—			
Cases.....	30,569	9,292	12,831
Value.....	\$93,280	\$16,231	\$20,179
All other—			
Cases.....	54,865	6,099	10,565
Value.....	\$164,729	\$11,632	\$22,040
Dried vegetables:			
Pounds.....	1,204,718	(²)	(²)
Value.....	\$349,512	(²)	(²)
Canned fruits.....	\$6,701,131	\$539,675	\$117,818
Loganberries—			
Cases.....	195,535	(²)	(²)
Value.....	\$1,458,019	(²)	(²)
Blackberries—			
Cases.....	222,633	2,219	4,408
Value.....	\$1,206,411	\$4,114	\$9,321
Pears—			
Cases.....	164,733	(²)	(²)
Value.....	\$1,161,462	(²)	(²)
Cherries—			
Cases.....	142,146	38,476	22,770
Value.....	\$890,103	\$112,926	\$49,203
Apples—			
Cases.....	230,321	24,872	8,557
Value.....	\$862,515	\$40,148	\$15,018
Raspberries—			
Cases.....	37,416	29,641	9,658
Value.....	\$288,028	\$91,187	\$23,206
Strawberries—			
Cases.....	21,107	15,194	3,490
Value.....	\$217,253	\$55,692	\$10,361
All other—			
Cases.....	166,832	50,061	14,033
Value.....	\$620,340	\$157,404	\$26,967
Dried fruits:			
Pounds.....	24,743,386	12,863,689	14,028,261
Value.....	\$3,443,070	\$849,900	\$473,008
Prunes.....			
Pounds.....	19,030,935	12,621,817	14,009,597
Value.....	\$2,788,373	\$822,837	\$470,911
All other.....			
Pounds.....	4,812,451	241,872	18,654
Value.....	\$657,697	\$27,063	\$2,097
Canned fish, clams, etc.....	\$5,605,849	\$2,366,075	\$1,352,231
Salmon—			
Cases.....	511,325	376,492	.....
Value.....	\$5,447,491	\$2,314,771	\$1,341,481
All other—			
Cases.....	10,974	14,062	.....
Value.....	\$58,358	\$51,304	\$10,800
Salted fish—			
Pounds.....	2,086,628	3,672,277	5,333,674
Value.....	\$591,082	\$473,458	\$731,900
Smoked or dried fish—			
Pounds.....	126,559	189,920	137,700
Value.....	\$35,729	\$21,507	\$20,800
Pickles, preserves, and sauces, value.....	\$1,794,022	\$214,257	\$162,363
All other products of canning and preserv-			
ing, fish and oysters, value.....	\$398,802	(²)	(²)
All other products of canning and preserv-			
ing, fruits and vegetables, value.....	\$1,519,329	\$245,332	\$240,971

¹ In addition, products to the value of \$78,045 in 1919, \$20,433 in 1914, and \$10,538 in 1909, were reported by establishments engaged primarily in other industries.

² Reported in "All other products" in 1914 and 1909.

³ Reported in "All other" canned fruits in 1914 and 1909.

⁴ Not reported separately in 1914 and 1909.

Butter, cheese, and condensed milk (Table 25).—This table shows the quantity and value of the principal products of the combined industries for

1919, 1914, and 1909. From 1914 to 1919, the total value of products for the three industries increased \$9,194,263, or 140 per cent. Butter was the product of chief value in 1919 as in 1914, forming 51.1 per cent and 50.3 per cent, respectively, of the total for the industry. From 1914 to 1919 much larger percentages of increase are shown for values than for quantities; for instance, butter increased 143.8 per cent in value and 25 per cent in quantity, while the corresponding increases for cheese were 210.5 per cent in value and 49.2 per cent in quantity.

TABLE 25.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

	1919	1914	1909
Total value.....	\$15,762,212	\$6,567,949	\$4,920,462
Butter:			
Pounds.....	13,984,185	11,182,937	8,472,660
Value.....	\$8,061,141	\$3,306,464	\$2,685,106
Packed solid—			
Pounds.....	6,594,846	3,714,736	992,102
Value.....	\$3,647,179	\$1,022,496	\$298,721
Prints or rolls—			
Pounds.....	7,389,339	7,468,201	7,480,558
Value.....	\$4,413,962	\$2,283,968	\$2,383,385
Cheese:			
Pounds.....	9,424,399	6,314,757	4,218,953
Value.....	\$2,950,032	\$952,101	\$640,888
Evaporated milk: ¹			
Pounds.....	34,084,106	23,157,414	21,788,987
Value.....	\$4,038,583	\$1,392,698	\$1,164,360
All other butter, cheese, and condensed-			
milk factory products, value.....	\$684,080	\$663,035	\$154,360
All other products, value.....	\$22,376	\$253,651	\$278,778

¹ Includes condensed milk for 1914 and 1909, the value of which for 1919 is included in "All other butter, cheese, and condensed-milk factory products" to avoid disclosure of individual operations.

Printing and publishing (Table 26).—This table gives the number and aggregate circulation per issue of all newspapers and periodicals published in Oregon as reported at the censuses of 1919, 1914, and 1909.

TABLE 26.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1919	1914	1909	1919	1914	1909
Total.....	265	289	254	1,005,889	917,846	735,363
Daily.....	33	34	31	293,204	218,449	160,560
Sunday.....	11	7	6	191,330	146,975	93,142
Semiweekly ¹	11	14	11	25,675	30,009	28,725
Weekly.....	174	201	176	281,324	349,363	229,585
Monthly ²	36	33	30	214,456	173,050	235,351

¹ Includes in 1919 and 1914, 2 triweekly publications, and in 1909, 1 triweekly publication.

² Includes in 1919, 2 semi-monthly, 1 bi-monthly, and 1 three-times-a-year publications; in 1914, 4 semi-monthly, 6 quarterly, and 1 semiannual publications; and in 1909, 2 semi-monthly, 1 quarterly, and 1 "All other" publications.

The decrease in total number of newspapers during the five-year period from 1914 to 1919 is due to the decrease in weeklies, which fact is in accordance with that existing in many states owing to high cost of paper. The aggregate circulation per issue of all publications, however, increased by 88,043, or 9.6 per cent, during the same five years.

Circulation of the daily newspapers increased 74,755, or 34.2 per cent. Of these, 25 with a circulation of

202,334, or 69 per cent of the total daily circulation, were issued in the afternoon, an increase of 61,511, or 43.7 per cent, over the afternoon circulation reported for 1914.

The increase in number of Sunday newspapers was four for the five-year period, and in circulation 44,355, or 30.2 per cent.

The foreign-language publications in 1919 numbered 11 with a circulation of 67,230, compared with 10 in 1914 having a circulation of 23,335, and of 8 in 1909 with a circulation of 50,675. In 1919 there were 2 daily newspapers, both published in the afternoon, 1 in Finnish and the other in Japanese; 7 weeklies, 2 in German and 2 in Italian, and 1 each in Finnish, Norwegian-Danish, and Swedish; 1 tri-weekly in Finnish, and 1 monthly in German. The German papers led in circulation with 47,470, the Finnish following with 14,135.

Laundries (Table 27).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 27, however, summarizes the statistics for such laundries in the state of Oregon for 1919 and 1914.

TABLE 27.—POWER LAUNDRIES: 1919 AND 1914.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1914-1919.
	1919	1914	
Number of establishments.....	73	78	14.4
Persons engaged.....	2,253	1,909	17.4
Proprietors and firm members.....	60	74	18.3
Salaried employees.....	160	150	6.7
Wage earners (average numbers).....	2,033	1,745	16.5
Primary horsepower.....	2,334	2,338	-0.2
Capital.....	\$2,117,225	\$1,606,317	26.8
Salaries and wages.....	2,015,967	1,136,059	77.5
Salaries.....	237,322	174,382	36.1
Wages.....	1,778,645	961,677	85.0
Paid for contract work.....	6,604	49,055	89.2
Rent and taxes.....	88,289	87,186	87.8
Cost of materials.....	723,313	885,186	87.8
Amount received for work done.....	3,629,983	2,140,868	69.1

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

Dyeing and cleaning (Table 28).—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 28.—DYEING AND CLEANING: 1919.

	Number or amount.
Number of establishments.....	23
Persons engaged.....	274
Proprietors and firm members.....	24
Salaried employees.....	43
Wage earners (average number).....	207
Primary horsepower.....	198
Capital.....	\$187,110
Salaries and wages.....	242,539
Salaries.....	37,740
Wages.....	204,799
Paid for contract work.....	505
Rent and taxes.....	16,223
Cost of materials.....	120,450
Amount received for work done.....	534,282

Custom gristmills (Table 29).—Statistics for custom gristmills 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 29, however, summarizes the statistics for such mills for 1919 and 1909. The value of products for custom gristmills represents the selling value of the grain milled.

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

	NUMBER OR AMOUNT.		Per cent of increase, ¹ 1909-1919.
	1919	1909	
Number of establishments.....	12	15	16.7
Persons engaged.....	16	22	27.3
Proprietors and firm members.....	15	16	6.3
Wage earners (average number).....	1	6	83.3
Primary horsepower.....	208	344	-39.5
Capital.....	\$54,066	\$40,710	32.8
Salaries and wages.....	1,500	2,046	-26.7
Salaries.....	387	398	-2.8
Wages.....	66,561	97,323	-31.6
Cost of materials.....	87,138	116,984	-25.5
Value of products.....	87,138	116,984	-25.5

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

² Includes estimate of all grain ground.

GENERAL TABLES.

Table 30 gives the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for all industries combined and selected industries for the state and Portland, and for Astoria, Eugene, and Salem similar data for all industries combined for 1919, 1914, and 1909. Certain kindred industries are com-

bined in some instances for comparison with the 1909 figures. Table 31 presents, for 1919, for the state and for Portland, 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 Astoria, Eugene, and Salem.

TABLE 30.—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.
					Expressed in thou- sands of dollars.								Expressed in thou- sands of dollars.		
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1919	2,707	58,559	304,346	81,094	206,206	366,783	Gas, illuminating and heating.	1919	11	334	1,910	353	818	2,927
	1914	2,320	28,829	214,222	20,932	63,258	109,762		1914	9	385	2,482	310	404	1,528
	1909	2,246	28,760	175,019	19,902	50,552	93,005		1909	8	260	1,483	194	200	909
Artificial stone products.....	1919	14	48	103	69	109	265	Ice, manufactured.....	1919	30	108	2,440	158	105	556
	1914	19	40	252	33	43	146		1914	27	108	2,650	92	118	376
	1909	20	47	46	35	46	113		1909	25	69	1,569	53	76	267
Automobile bodies and parts..	1919	17	46	93	71	118	259	Leather goods ¹	1919	44	255	277	336	1,154	2,400
	1914	6	35	42	32	50	115		1914	48	202	205	158	673	1,075
	1909	6	35	42	32	50	115		1909	48	353	173	262	989	1,629
Boxes, set-up paper boxes and cartons.	1919	5	169	167	125	304	585	Leather, tanned, curried, and finished.	1919	5	39	203	49	236	315
	1914	4	90	50	49	73	219		1914	5	34	163	20	148	188
	1909	4	90	50	49	73	219		1909	8	49	224	34	181	244
Brass and bronze products.....	1919	4	58	250	96	275	525	Lumber and timber products ⁴ .	1919	706	24,578	173,178	34,427	37,524	95,284
	1914	6	35	138	34	59	140		1914	528	13,888	101,832	9,942	14,399	30,920
	1909	4	42	66	49	41	122		1909	713	15,066	95,213	10,172	2,413	30,200
Bread and other bakery prod- ucts.	1919	146	1,076	1,125	1,143	5,709	9,031	Marble and stone work.....	1919	17	55	318	89	149	354
	1914	103	700	589	463	1,880	3,326		1914	24	88	278	85	146	346
	1909	151	613	336	441	1,621	2,829		1909	23	76	159	75	113	297
Brick and tile, terra-cotta, and fire-clay products.	1919	23	152	1,166	165	92	386	Mattresses and spring beds, not elsewhere specified.	1919	6	82	155	90	329	534
	1914	42	382	2,894	201	165	521		1914	8	59	171	40	115	211
	1909	61	385	1,922	206	155	675		1909	7	83	105	68	211	350
Brooms.....	1919	7	84	103	72	204	412	Mineral and soda waters.....	1919	33	109	1,097	154	661	1,063
	1914	5	35	74	18	66	103		1914	33	57	135	37	86	211
	1909	5	35	74	18	66	103		1909	29	69	69	43	83	239
Butter, cheese, and condensed milk.	1919	136	595	3,333	707	13,237	15,702	Patent medicines and com- pounds.	1919	16	99	162	91	580	1,064
	1914	118	434	1,827	325	5,502	6,568		1914	20	42	25	22	109	217
	1909	95	420	1,935	290	3,952	4,920	Paving materials.....	1919	11	99	1,600	144	69	266
Canning and preserving ¹	1919	103	2,344	4,397	2,018	14,366	20,591		1914	4	26	1,201	22	98	131
	1914	71	799	1,655	339	3,090	4,738	Printing and publishing ²	1919	358	1,595	2,584	2,195	3,006	10,155
	1909	71	799	1,655	339	3,090	4,738		1914	377	1,556	2,230	1,407	1,563	6,011
	1909	71	799	1,655	339	3,090	4,738		1909	324	1,459	1,927	1,448	1,103	5,041
Cars and general shop construc- tion and repairs by electric- railroad companies.	1919	4	230	728	328	219	578	Shipbuilding, wooden, includ- ing boat building.	1919	30	2,990	7,282	4,609	6,854	13,778
	1914	4	225	737	196	305	536		1914	20	163	445	158	114	332
Cars and general shop construc- tion and repairs by steam- railroad companies.	1919	21	2,751	2,938	3,664	2,454	6,473		1909	24	212	287	190	204	477
	1914	14	1,601	1,370	1,343	1,019	2,584	Slaughtering and meat packing.	1919	21	772	3,048	958	13,749	15,888
	1909	8	777	933	544	509	1,163		1914	14	442	1,344	309	6,202	7,487
Coffee, roasting and grinding...	1919	8	106	420	98	2,978	3,590		1909	14	366	762	280	5,015	5,880
	1914	9	99	329	61	1,532	2,050	Stoves and hot-air furnaces....	1919	6	126	136	184	181	598
	1909	5	72	298	52	1,096	1,427		1914	10	80	88	75	129	289
Coffins, burial cases, and un- takers' goods.	1919	4	73	144	113	290	494		1909	11	86	183	79	130	351
	1914	3	7	27	5	14	37	Tobacco, cigars.....	1919	41	91	6	96	165	367
	1909	3	7	27	5	14	37		1914	63	154	2	109	148	383
Confectionery and ice cream...	1919	37	450	872	392	2,220	3,466		1909	55	186	.....	171	170	471
	1914	35	402	713	208	1,090	2,026	Vinegar and cider.....	1919	10	60	219	57	390	529
	1909	114	394	11,541	278	7,667	8,891		1914	5	19	94	13	49	113
Flour-mill and gristmill prod- ucts.	1919	116	822	13,314	1,166	37,802	42,550		1909	4	16	54	9	51	87
	1914	95	450	8,565	330	9,827	11,193	Woolen goods.....	1919	5	808	2,341	754	1,946	3,357
	1909	114	394	11,541	278	7,667	8,891		1914	7	643	1,670	373	943	1,702
Food preparations, not else- where specified.	1919	13	169	1,729	170	3,643	4,218		1909	6	466	1,558	201	522	919
	1914	18	79	633	53	625	878	All other industries.....	1919	301	10,894	59,610	15,591	38,505	73,041
	1909	8	50	275	36	352	580		1914	312	3,505	73,392	2,584	10,254	17,714
Foundry and machine-shop products. ³	1919	369	5,338	14,032	9,320	14,357	31,689		1909	304	4,815	48,371	3,067	9,413	17,307
	1914	169	1,254	4,238	1,035	1,616	3,823								
	1909	82	1,055	2,709	892	1,472	3,135								
Fur goods.....	1919	6	59	34	64	107	270								
	1914	6	35	8	29	60	190								
	1909	5	51	12	35	96	191								
Furniture.....	1919	23	895	2,832	978	1,221	3,183								
	1914	21	673	1,074	422	544	1,335								
	1909	19	552	1,501	323	484	1,094								

¹ Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; and "pickles, preserves, and sauces," in all years; and "canning and preserv-
ing, oysters," in 1914 and 1909.

² Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, cast-iron pipe"; "iron and steel, welding"; "structural ironwork,
not made in steel works or rolling mills," in all years; "hardware, saddlery," in 1919 and 1914; "gas machines"; "pumps, power, other than steam," in 1919; and "steam
fittings and steam and hot-water heating apparatus" in 1914.

³ Includes "saddlery and harness" and "trunks and valises" in all years, and "pocketbooks" in 1914.

⁴ Includes "boxes, wooden packing, except cigar boxes," and "lumber, planing-mills products, not including planing mills connected with sawmills," in all years; and
"window and door screens" in 1914.

⁵ Includes "bookbinding and blank-book making"; and "engraving, steel and copper plate, including plate printing," in all years; and "lithographing" in 1914 and 1909.

MANUFACTURES—OREGON.

105

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES, 1919, 1914, AND 1909—Continued.

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.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
PORTLAND.....	1919	846	26,813	70,536	38,758	111,387	196,380	Fur goods.....	1919	6	59	34	64	107	270
All industries.	1914	837	11,273	30,188	8,542	33,899	55,697		1914	6	35	8	29	60	190
	1909	649	12,214	32,122	8,979	26,076	46,861		1909	5	51	12	35	96	191
Automobile bodies and parts..	1919	10	44	79	66	104	217	Furniture.....	1919	14	769	2,551	871	1,196	2,900
	1914	6	35	42	32	50	115		1914	12	608	1,466	389	608	1,247
	1909	6	35	42	32	50	115		1909	11	478	1,207	283	458	993
Boxes, set-up paper boxes and cartons.	1919	5	169	167	125	304	585	Ice, manufactured.....	1919	7	51	957	84	58	275
	1914	4	90	50	49	73	219		1914	7	54	1,213	46	61	178
	1909	4	90	50	49	73	219		1909	4	16	575	14	45	108
Bread and other bakery prod- ucts.	1919	61	853	805	887	4,489	7,157	Leather goods *.....	1919	22	222	259	283	1,005	2,104
	1914	60	536	438	354	1,441	2,527		1914	24	170	186	130	583	911
	1909	63	511	297	363	1,275	2,196		1909	26	304	136	220	868	1,386
Butter.....	1919	10	142	725	152	2,185	2,653	Lumber and timber products †.	1919	38	3,892	22,210	5,542	10,612	21,563
	1914	9	124	589	92	1,444	1,726		1914	35	2,557	14,130	1,957	4,628	7,847
	1909	8	139	860	105	1,102	1,431		1909	42	3,669	13,998	2,672	5,067	10,111
Canning and preserving ¹.....	1919	9	235	219	195	886	1,454	Marble and stone work.....	1919	6	30	161	51	100	241
	1914	6	135	192	72	316	585		1914	11	67	226	64	111	264
	1909	8	133	77	49	250	464		1909	7	38	90	38	71	175
Coffee, roasting and grinding...	1919	8	106	420	98	2,978	3,590	Mineral and soda waters.....	1919	6	75	937	119	510	795
	1914	9	99	329	61	1,532	2,050		1914	3	18	9	12	16	46
	1909	5	72	298	52	1,096	1,427		1909	5	33	27	19	39	101
Confectionery and ice cream...	1919	26	359	768	339	1,933	2,935	Printing and publishing *.....	1919	143	1,031	1,827	1,534	2,446	7,905
	1914	20	348	618	174	989	1,830		1914	149	1,029	1,505	975	1,260	4,336
	1909	5	73	1,222	54	1,179	1,337		1909	132	952	1,402	1,036	847	3,736
Flour-mill and gristmill prod- ucts.	1919	7	374	3,179	553	20,110	22,526	Shipbuilding, wooden, includ- ing boat building.	1919	9	1,787	2,658	2,907	5,409	9,881
	1914	6	183	1,925	135	4,699	5,229		1914	5	40	84	37	19	80
	1909	5	73	1,222	54	1,179	1,337		1909	7	101	68	92	90	231
Food preparations, not else- where specified.	1919	13	169	1,729	170	3,643	4,218	All other industries.....	1919	301	11,908	17,698	16,846	39,993	76,653
	1914	18	79	633	53	625	878		1914	333	4,054	9,222	3,027	14,173	22,246
	1909	8	50	275	36	352	580		1909	269	4,795	9,498	3,207	12,019	19,867
Foundry and machine-shop products.²	1919	145	4,538	12,253	7,872	13,409	28,458								
	1914	114	1,012	3,323	854	1,311	3,193								
	1909	44	799	2,080	704	1,222	2,527								
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
ASTORIA.....	1919	78	1,404	6,832	2,072	9,271	13,399	SALEM.....	1919	84	1,080	3,324	1,179	6,741	9,435
	1914	57	1,172	8,090	866	2,649	4,687		1914	67	732	3,185	404	1,637	2,846
	1909	57	1,172	8,090	866	2,649	4,687		1909	62	597	1,688	367	1,177	2,208
EUGENE.....	1919	52	534	2,133	474	1,472	2,490								
	1914	37	238	1,061	167	407	810								

¹ Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; and "pickles, preserves, and sauces," in all years; and "canning and preserving, oysters," in 1914.
² Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; "hardware, saddlery," in 1919 and 1914; "gas machines" and "pumps, power, other than steam," in 1919.
³ Includes "saddlery and harness" and "trunks and valises."
⁴ Includes "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; "boxes, wooden packing, except cigar boxes," in 1914 and 1909; and "window and door screens" in 1914.
⁵ Includes "engraving, steel and copper plate, including plate printing," in all years; "bookbinding and blank-book making"; and "lithographing" in 1914 and 1909.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY.	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.

All Industries.....															2,707	68,005	2,540	2,411	2,963	1,532	58,559	Au 62,488	De 49,499	(*)	(*)	(*)	(*)	(*)	Dollars. 237,254,736
1	Artificial stone products.....	14	71	12	9	1	1	48	Oc	71	Ja	16	73	73	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	218,493			
2	Automobile bodies and parts.....	17	70	22	1	1	-----	46	Je	55	Ja	31	50	48	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	115,256			
3	Automobile repairing.....	229	1,163	294	46	57	39	727	Jy	810	Ja	608	813	797	12	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,492,590			
4	Baskets, and rattan and willow ware.	3	22	2	3	-----	-----	17	(*)	17	(*)	17	19	14	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	21,343			
5	Bookbinding and blank-book making.	6	69	4	6	1	3	55	Au	67	Ja	49	55	24	29	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	91,881			
6	Boxes, set-up paper boxes and cartons.	5	186	2	7	3	5	169	De	205	Ja	149	205	71	134	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	323,641			
7	Boxes, wooden packing, except cigar boxes.	20	602	14	24	12	2	610	Au	826	Fe	437	620	528	90	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,479,065			
8	Brass and bronze products.....	4	72	1	10	1	2	58	Mh	65	Oc	49	52	52	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	283,288			
9	Bread and other bakery products.....	146	1,550	104	71	149	90	1,076	No	1,126	My	1,028	1,116	716	385	5	10	-----	-----	-----	-----	-----	-----	-----	-----	2,986,540			
10	Brick and tile, terra-cotta, and fire-clay products.	23	187	22	11	1	1	152	-----	-----	-----	-----	285	281	1	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,034,650			
11	Building brick.....	15	104	16	4	-----	-----	84	Jy	197	Ja	10	161	158	-----	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	322,880			
12	Stove lining, sewer pipe, drain-tile, and terra-cotta products.	8	83	6	7	1	1	68	Oc	123	Ja	17	124	123	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	711,770			
13	Brooms.....	7	100	3	8	3	2	84	De	104	My	61	105	71	34	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	287,994			
14	Butter.....	76	570	44	61	58	58	340	Je	414	De	284	323	280	47	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,686,540			
15	Canning and preserving, fish.....	36	578	8	51	28	15	470	Au	940	Ja	115	1,034	849	185	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7,302,838			
16	Canning and preserving, fruits and vegetables.	59	1,937	37	92	39	49	1,720	-----	-----	-----	-----	3,759	1,884	2,800	15	60	-----	-----	-----	-----	-----	-----	-----	-----	5,027,763			
17	Canned fruits.....	34	1,482	13	75	33	37	1,324	Se	2,897	Ap	199	2,811	891	1,846	14	60	-----	-----	-----	-----	-----	-----	-----	-----	3,412,502			
18	Dried fruits.....	21	302	24	12	1	9	256	Oc	603	Mh	44	635	899	235	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,148,103			
19	Canned and dried vegetables.....	4	153	-----	5	5	3	140	Au	287	Fe	18	313	94	219	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	487,158			
20	Carpets, rag.....	3	30	3	3	3	1	29	Oc	36	Ja	24	34	27	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12,861			
21	Carriages and wagons, repair work only.	4	22	5	-----	-----	-----	17	Jy	22	Mh	15	19	18	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	22,832			
22	Cars and general shop construction and repairs by electric-railroad companies.	4	250	-----	6	12	2	230	Ja	239	My	221	237	235	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	631,351			
23	Cars and general shop construction and repairs by steam-railroad companies.	21	2,924	-----	95	47	31	2,751	De	3,145	Je	2,551	3,145	3,106	39	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,858,129			
24	Cheese.....	52	96	25	2	2	1	66	Jy	91	Ja	34	87	85	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	409,726			
25	Clothing, men's.....	5	549	8	19	25	16	481	De	603	Mh	396	603	92	510	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,077,643			
26	Clothing, women's.....	7	64	8	-----	1	2	53	-----	-----	-----	-----	65	11	54	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	80,556			
27	Suits, skirts, and cloaks.....	3	23	5	-----	-----	-----	18	Oc	26	Ja	12	26	6	20	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	46,134			
28	All other.....	4	41	3	-----	1	2	35	Oc	46	Ja	24	39	5	34	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	34,422			
29	Coffee, roasting and grinding.....	8	176	2	16	44	8	108	Jy	113	Ap	97	104	54	50	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,543,266			
30	Coffins, burial cases, and undertakers' goods.	4	93	1	9	5	5	73	Ja	80	Se	65	76	62	14	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	407,828			
31	Condensed milk.....	8	247	-----	21	29	17	180	De	241	Ap	138	249	207	42	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,494,314			
32	Confectionery and ice cream.....	37	637	38	41	65	43	450	-----	-----	-----	-----	495	179	316	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,210,956			
33	Confectionery.....	30	496	32	27	55	36	346	De	417	Mh	304	417	109	308	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	787,046			
34	Ice cream.....	7	141	6	14	10	7	104	Jy	129	De	79	78	70	8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	423,910			
35	Cooperage, hogsheads and barrels.	4	28	5	4	-----	-----	19	Oc	31	Fe	10	24	24	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	91,946			
36	Copper, tin, and sheet-iron work.	63	338	69	28	25	12	204	Oc	248	Ja	153	227	227	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	761,340			
37	Dairymen's, poultrymen's, and apiarists' supplies.	3	8	2	1	-----	1	4	De	8	Je	2	7	6	-----	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	21,000			
38	Dental goods.....	5	18	5	-----	-----	-----	13	Ap	15	Fe	12	12	9	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	8,942			
39	Electrical machinery, apparatus, and supplies.	3	31	2	4	3	2	20	Se	23	Ap	17	21	18	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	50,256			
40	Engraving, steel and copper plate, including plate printing.	6	58	6	2	-----	6	44	De	51	Ja	37	51	43	8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	72,018			
41	Fertilizers.....	3	9	1	2	-----	-----	6	Ap	7	Au	5	7	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10,960			
42	Flavoring extracts.....	4	21	4	1	2	3	11	Mh	14	My	8	10	7	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	75,486			
43	Flour-mill and gristmill products.....	116	1,232	99	142	113	56	822	De	959	Jy	652	954	929	25	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	23,099,582			
44	Food preparations, not elsewhere specified.	13	259	10	29	34	17	169	-----	-----	-----	-----	171	134	37	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,561,087			
45	Macaroni, vermicelli, and noodles	4	29	3	1	2	2	21	Oc	22	Se	18	22	17	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	95,775			
46	All other.....	9	230	7	28	32	15	148	Oc	187	Jy	112	149	117	32	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,465,312			
47	Foundry and machine-shop products.	121	3,722	95	153	152	57	3,265	-----	-----	-----	-----	2,460	2,442	8	9	1	-----	-----	-----	-----	-----	-----	-----	-----	7,383,394			
48	Boiler shops and foundries.....	18	1,738	9	32	67	18	1,612	Ja	2,957	De	808	308	868	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,634,702			
49	Machine shops.....	82	1,222	72	85	47	28	990	Ap	1,113	De	799	855	838	7	0	1	-----	-----	-----	-----	-----	-----	-----	-----	3,042,208			
50	Machine shop and foundry combined.	21	762	14	36	38	11	663	Ja	828	De	455	737	736	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,711,484			
51	Fur goods.....	6	83	8	5	5	6	59	Se	71	Ap	48	65	20	44	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	196,843			
52	Furniture.....	23	1,004	14	46	34	15	895	-----	-----	-----	-----	1,019	970	49	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,979,542			
53	Wood, other than rattan and willow.	17	870	9	35	28	13	785	De	879	Ja	658	880	835	45	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2,613,466			
54	All other.....	6	134	5	11	6	2	110	Oc	150	Ja	76	139	135	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	368,076			
55	Gas, illuminating and heating.....	11	540	-----	36	98	72	334	De	414	Ja	261	414	414	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	14,549,796			
56	Hardware, saddlery.....	3	6	2	-----	-----	-----	4	Fe	6	Mh	3	5	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,000			
57	Hats and caps, other than felt, straw, and wool.	3	30	3	3	-----	3	21	No	30	Mh	15	29	8	21	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	43,454			

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

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

* No figures given for reasons stated under "Explanation of terms."

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.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Water power. ¹		Rent-ed.^{2}

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.
7,815,628	6,183,543	81,093,784	1,936,402	1,285,941	12,417,927	201,354,721	4,851,320	360,782,627	160,570,586	304,346	140,640	25,161	2,166	43,252	93,127	25,611
24,346	1,242	69,089	.....	2,351	1,801	103,211	2,749	285,385	156,425	103	.....	.....	8	.....	100	1
1,850	300	71,358	.....	12,718	1,434	113,705	3,940	259,078	141,083	83	.....	.....	.....	.....	93	2
78,713	80,884	1,027,133	405,620	107,166	15,305	745,746	44,390	2,604,002	1,814,466	1,202	2	.....	106	11	993	3
5,520	.....	12,858	.....	80	259	10,747	466	44,447	33,234	12	.....	.....	.....	.....	12	4
20,854	4,304	52,843	2,520	3,875	2,738	74,018	1,705	195,784	110,411	35	.....	.....	.....	.....	38	5
38,040	8,944	124,739	.....	14,958	16,589	295,585	5,554	685,249	281,110	187	50	.....	.....	.....	117	6
92,855	30,309	600,391	7,440	5,850	70,816	2,084,192	27,156	4,112,237	2,000,889	3,540	820	.....	5	.....	2,715	7
28,010	6,774	96,269	.....	5,770	50,024	263,834	11,525	525,105	240,746	250	.....	.....	.....	.....	250	8
176,455	342,494	1,142,911	638	93,183	168,803	5,573,984	135,085	9,031,478	3,322,409	1,125	106	.....	10	.....	1,009	9
23,689	2,969	105,424	1,983	180	9,242	20,581	65,139	385,581	293,861	1,106	559	.....	10	.....	600	10
5,608	.....	89,937	.....	30	1,590	13,319	32,620	189,153	143,214	680	275	.....	10	.....	395	11
18,081	2,969	75,487	1,983	150	7,652	13,262	32,519	196,428	150,647	486	281	.....	.....	.....	205	12
19,744	8,653	72,167	.....	4,420	7,143	291,190	3,211	412,060	117,659	103	50	.....	.....	.....	53	13
116,231	111,387	395,827	861	31,270	21,155	7,369,497	69,161	8,727,869	1,289,211	1,714	289	.....	25	.....	1,490	14
125,723	58,419	606,090	211,107	8,617	164,905	4,005,173	59,310	6,531,462	1,800,974	1,300	999	25	.....	.....	307	15
234,506	100,505	1,225,144	361	12,590	322,956	8,108,554	105,934	12,266,561	4,050,163	2,574	1,204	30	120	60	1,180	16
201,358	72,154	904,884	196	10,884	312,886	4,832,551	50,215	8,251,293	3,359,527	1,909	1,072	.....	8	42	787	17
28,300	21,218	221,063	105	1,708	4,390	3,006,545	27,385	3,684,160	547,280	371	87	80	.....	.....	252	18
9,850	7,133	69,197	.....	.....	5,680	290,468	20,384	430,198	143,356	294	45	.....	110	18	121	19
1,650	2,432	30,813	.....	1,083	50	18,340	866	71,624	52,418	38	7	.....	.....	.....	31	20
.....	.....	24,004	.....	3,106	206	29,304	1,503	77,394	46,587	32	.....	.....	.....	.....	32	21
15,087	15,431	328,169	.....	.....	364	206,776	12,056	578,091	359,260	728	.....	.....	.....	.....	728	22
242,710	110,436	3,663,827	.....	.....	4,420	2,232,076	222,263	6,472,062	4,018,624	2,938	703	.....	.....	.....	2,175	23
2,800	997	80,067	3,714	1,578	35,953	2,524,379	20,394	2,854,282	809,509	498	397	.....	12	10	70	24
42,159	36,675	348,455	.....	9,000	26,540	1,322,435	0,587	2,034,335	705,813	224	150	.....	.....	.....	74	25
.....	3,530	44,265	.....	5,921	1,088	81,309	1,277	163,695	71,109	11	.....	.....	.....	.....	11	26
.....	.....	13,555	.....	900	784	29,666	466	48,675	18,513	3	.....	.....	.....	.....	3	27
.....	3,530	30,710	.....	5,021	804	51,613	811	106,020	52,596	8	.....	.....	.....	.....	8	28
48,379	88,213	97,524	.....	17,130	49,692	2,064,540	13,557	3,590,207	612,110	420	.....	.....	.....	.....	420	29
30,904	7,896	113,268	.....	1,500	10,857	288,462	1,792	494,442	204,198	144	.....	.....	.....	.....	144	30
49,805	57,999	221,469	2,040	250	169,367	3,182,839	70,413	4,180,061	926,899	1,121	618	.....	.....	.....	503	16
120,511	142,918	301,584	182	23,379	49,474	2,176,987	42,920	3,465,809	1,245,892	872	75	.....	26	.....	771	31
68,554	124,482	249,548	182	20,059	22,489	1,801,555	16,983	2,243,438	924,900	230	.....	.....	20	.....	204	32
51,657	18,436	142,036	.....	3,320	26,985	875,442	25,937	1,222,371	320,992	642	75	.....	.....	.....	567	33
8,400	.....	23,688	64	2,858	1,114	100,532	1,020	148,479	46,927	38	.....	.....	.....	.....	38	34
68,045	40,696	325,337	1,800	20,697	17,202	589,789	8,411	1,339,305	741,105	284	.....	.....	.....	.....	284	35
1,800	150	2,930	.....	.....	304	8,645	316	25,422	16,461	30	.....	.....	.....	.....	30	36
.....	.....	16,222	.....	1,805	41	20,436	74	57,719	37,209	3	.....	.....	.....	.....	3	37
6,916	9,285	20,998	.....	2,782	816	37,241	1,067	103,127	64,819	35	.....	.....	.....	.....	35	38
6,565	4,282	54,818	.....	5,100	521	25,919	2,018	154,837	126,900	72	.....	.....	.....	.....	72	39
1,800	.....	7,192	.....	300	16	13,551	865	31,170	16,754	58	40	.....	3	.....	15	40
1,600	6,920	12,286	.....	3,240	65	141,069	1,207	192,474	49,508	15	.....	.....	.....	.....	15	41
387,018	214,125	1,165,868	30,139	18,788	274,692	37,559,277	242,471	42,549,987	4,748,239	13,314	447	.....	402	3,147	9,318	42
69,465	95,447	170,208	.....	12,687	66,297	3,610,096	27,141	4,217,694	574,457	1,729	760	.....	.....	.....	979	43
1,500	3,736	21,887	.....	2,658	1,145	113,607	4,663	164,943	46,673	106	.....	.....	.....	.....	106	44
67,965	91,711	148,321	.....	10,029	65,152	3,502,489	22,478	4,052,751	527,784	1,623	750	.....	.....	.....	873	45
595,487	273,475	6,219,532	7,901	72,579	1,248,396	8,389,694	333,422	21,136,153	12,413,037	7,636	3,175	.....	59	.....	4,402	46
154,306	99,382	3,373,619	2,760	15,960	910,359	4,677,670	179,316	11,554,161	6,697,175	4,246	3,075	.....	.....	.....	1,171	47
276,812	99,338	1,600,462	.....	43,624	187,899	2,380,701	83,554	5,861,409	3,397,154	1,781	100	.....	.....	.....	1,625	48
164,369	74,760	1,545,451	5,151	12,995	144,138	1,331,323	70,552	3,720,583	2,318,708	1,609	.....	.....	.....	.....	1,606	49
13,625	11,270	63,916	854	17,400	8,490	105,174	1,695	270,445	163,876	84	.....	.....	.....	.....	34	50
120,476	82,269	978,203	54	10,582	85,801	1,172,978	48,044	3,182,718	1,961,698	2,832	90	617	.....	.....	2,123	51
100,403	73,057	821,197	54	2,755	84,877	1,001,307	44,533	2,694,292	1,648,452	2,658	.....	617	.....	.....	2,039	52
26,073	9,212	157,006	.....	7,827	1,014	171,669	3,511	488,426	313,240	174	90	.....	.....	.....	84	53
77,185	193,621	353,324	.....	635	281,122	214,598	603,907	2,927,874	2,108,899	1,010	293	1,540	.....	.....	2,089	54
.....	.....	5,235	.....	330	28	1,415	332	11,854	10,107	23	.....	.....	.....	.....	7	55
6,580	2,412	23,006	.....	1,380	250	45,673	471	103,961	57,817	6	.....	.....	.....	.....	6	56

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

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY.	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.

															Dollars.
1	Hats, fur-felt.....	3	7	3				4	(*)	4	(*)	4	4		6,397
2	Ice, manufactured.....	30	159	24	13	5	4	108	Jy	167	Ja	66	115	115	1,123,400
3	Jewelry.....	6	73	7	4	2	5	55	No	57	Je	53	56	45	56,998
4	Lapidary work.....	4	11	5				6	(*)	6	(*)	6	6	5	7,489
5	Leather goods, not elsewhere specified	6	22	4	1	2	1	14	De	17	My	11	17	10	44,378
6	Leather, tanned, curried, and finished	5	46	4	3			39	Ja	40	No	37	38	38	242,998
7	Looking-glass and picture frames.....	4	25	6	2		5	12	De	13	Ja	11	14	11	100,071
8	Lumber and timber products.....	625	24,876	701	524	570	197	22,884	Au	27,697	Ja	15,787	27,264	26,780	83,482,424
9	Lumber, planing-mill products, not including planing mills connected with sawmills.	61	1,305	51	76	68	26	1,084	Au	1,311	Ja	794	1,229	1,157	3,908,374
10	Marble and stone work.....	17	96	16	8	14	3	55	My	63	Ja	43	59	59	334,781
11	Mattresses and spring beds, not elsewhere specified.	6	105	8	6	6	3	82	No	111	Ja	57	111	89	289,886
12	Millinery and lace goods, not elsewhere specified.	6	52	9			2	41					47	8	45,718
13	Trimmed hats and hat frames....	3	20	5				15	Ap	18	Ja	13	16	7	22,118
14	All other.....	3	32	4			2	26	De	31	Ja	25	31	1	23,800
15	Mineral and soda waters.....	33	181	34	8	27	3	109	Je	137	Ja	74	125	120	1,488,121
16	Models and patterns, not including paper patterns.	5	28	6				22	Je	23	Ja	16	23	23	22,598
17	Patent medicines and compounds....	16	197	28	25	26	19	99					96	24	1,955,850
18	Patent and proprietary medicines	10	163	22	19	21	16	85	Oc	116	My	71	83	14	1,822,132
19	Patent and proprietary compounds, not elsewhere specified.	6	34	6	6	5	3	14	Mh	18	De	8	13	10	133,718
20	Paving materials.....	11	117	7	8	3		99	Se	196	Ja	22	155	153	344,435
21	Photo-engraving.....	4	28	3	2	1	1	21	De	25	Ap	19	21	14	21,090
22	Pickles, preserves, and sauces.....	8	214	5	20	26	15	148	Jy	177	De	125	131	79	1,847,257
23	Printing and publishing, book and job	122	890	120	81	64	58	567					607	471	2,090,460
24	Job printing.....	113	825	108	78	47	47	545	De	595	Se	524	584	451	1,968,987
25	All other.....	9	65	12	3	17	11	22	Fe	23	My	20	23	20	121,463
26	Printing and publishing, newspapers and periodicals.	224	1,857	205	130	374	219	929					1,011	877	3,493,299
27	Printing and publishing.....	17	172	15	14	25	13	105	De	115	Fe	98	115	101	300,803
28	Printing, publishing, and job printing.	158	1,540	161	80	320	156	823	De	883	Fe	778	895	776	3,065,075
29	Publishing without printing.....	49	145	29	36	29	50	1	(*)	1	(*)	1	1	1	127,421
30	Saddlery and harness.....	33	260	33	18	18	9	182	Ja	281	No	145	156	151	984,702
31	Shipbuilding, wooden, including boat building.	30	3,255	23	70	120	52	2,990					4,396	4,386	9,687,360
32	New vessels.....	15	3,171	5	64	117	52	2,933	Ja	7,767	Oc	624	4,328	4,318	9,437,117
33	Repair work only.....	3	37	4	3	1		29	Jy	37	Je	19	24	24	78,014
34	Small boats, and masts, spars, oars and rigging.	12	47	14	3	2		28	Ja	46	Oc	17	44	44	162,229
35	Signs, other than electric.....	9	28	10			2	16	Oc	20	Ja	12	18	18	13,318
36	Slaughtering and meat packing.....	21	1,035	10	29	174	50	772	Ja	927	Jy	698	721	629	5,255,407
37	Stoves and hot-air furnaces.....	6	155	11	11	1	6	126	Ja	169	De	102	102	101	245,584
38	Structural ironwork, not made in steel works or rolling mills.	6	1,248	5	26	85	21	1,111	Oc	3,346	Fe	86	1,887	1,387	687,142
39	Tobacco, cigars.....	41	144	47	1	4	1	91	De	108	Fe	84	106	85	371,287
40	Tools, not elsewhere specified.....	4	24	3	2			19	Ja	22	Fe	16	19	19	40,280
41	Trunks and valises.....	5	77	5	7	4	2	59	No	72	Ja	48	71	39	198,076
42	Vinegar and cider.....	10	78	4	10	2	2	60	Oc	114	My	20	121	114	408,157
43	Wood, turned and carved.....	8	76	5	4	1		65	Oc	85	Ja	37	78	55	127,238
44	Wooden goods, not elsewhere specified.	4	16	3				13	De	25	Ja	8	12	12	36,394
45	Woolen goods.....	5	858		17	27	6	808	Se	909	Mh	701	855	457	2,459,000
46	All other industries*.....	144	10,742	91	232	285	177	9,956							28,682,919

*All other industries embrace—

1	Agricultural implements.....	1	Cement.....	1	Furs, dressed.....	1	Hand stamps.....	2
1	Artificial limbs.....	1	Chemicals.....	1	Galvanizing.....	1	Hardware.....	2
3	Awning, tents, and sails.....	3	Cleansing and polishing preparations.	2	Gas and electric fixtures.....	2	Instruments, professional and scientific.	1
2	Babbitt metal and solder.....	2	Cordage and twine.....	1	Gas machines.....	1	Iron and steel, steel works and rolling mills.	1
2	Bags, other than paper, not including bags made in textile mills.	2	Cordials and flavoring sirups.....	1	Glass, cutting, staining, and ornamenting.....	2	Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.	1
1	Belting, leather.....	1	Electroplating.....	2	Gloves and mittens, cloth, not including gloves made in textile mills.	1	Iron and steel, cast-iron pipe.....	1
2	Blacking, stains, and dressings.....	2	Enameling.....	1	Gloves and mittens, leather.....	2	Iron and steel, cut nails and spikes, not made in steel works or rolling mills.	1
2	Bleaching.....	2	Engines, steam, gas, and water.....	3	Glucose.....	1	Iron and steel, welding.....	2
2	Boots and shoes.....	2	Fancy articles, paper and wood novelties.....	2	Grease and tallow, not including lubricating greases.....	1		
1	Boxes, cigar.....	1	Flags and banners.....	1	Hair work.....	1		
1	Brushes.....	1	Flax and hemp, dressed.....	1				
1	Cars, steam-railroad, not including operations of railroad companies.....	1	Furnishing goods, men's neckwear.....	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).

109

[illegible][illegible]

* Same number reported throughout the year.

⁴ Same number reported for one or more other months.

Knit goods.....	1	Optical goods.....	5	Sausage, not made in slaughterling and meat-packing establishments..	1	Tinware, not elsewhere specified.....	8
Labels and tags.....	1	Paints.....	2	Saws.....	4	Toys and games.....	2
Lamps.....	2	Paper and wood pulp.....	4	Shipbuilding, steel, new vessels.....	3	Typewriter supplies, carbon paper.....	2
Lime.....	2	Peanuts, grading, roasting, cleaning, and shelling.....	1	Shirts.....	4	Upholstering materials, excelsior.....	2
Liquors, malt.....	1	Perfumery and cosmetics.....	2	Soap.....	4	Varnishes.....	2
Minerals and earths, ground or otherwise treated.....	1	Photographs and graphophones.....	2	Sporting and athletic goods.....	1	Wall plaster and composition flooring.....	1
Mirrors, framed and unframed, not elsewhere specified.....	1	Photographic materials.....	2	Springs, steel, automobile.....	1	Window shades and fixtures.....	2
Musical instruments and materials, not specified.....	1	Pottery, earthen and stone ware.....	2	Statuary and art goods.....	1	Wirework, not elsewhere specified.....	2
Needles, pins, and hooks and eyes.....	1	Pulp goods, wall board.....	1	Steam packing.....	1	Wood preserving.....	1
Oil, linseed.....	1	Pumps, steam.....	2	Stencils and brands.....	2	Wood pulling.....	1
Oil, animal.....	2	Roofing materials.....	2	Stereotyping and electrotyping.....	1	Wool scouring.....	2
		Rubber tires, tubes, and rubber goods, not elsewhere specified.....	2	Surgical appliances.....	2	Worsted goods.....	1

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY.	Num-ber of estab-lish-ments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Pro- pri- etors and firm mem- bers.	Sala- ried offi- cers, super- in- tend- ents, and man- agers.	Clerks, etc.		Wage earners.		Total.	16 and over.		Under 16.			
					Male.	Fe- male.	Aver- age num- ber.	Number, 15th day of—		Male.	Fe- male.	Male.	Fe- male.		
								Maximum month.							Minimum month.

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

		846	32,157	669	1,885	1,830	951	26,813	Mh 30,991	De 20,504	29,396	26,241	3,107	32	16	Dollars.
1	PORTLAND—All industries..															106,365,175
2	Artificial stone products.....	6	39	5	5	1	1	27	De 40	Ja 4	44	44				100,349
3	Automobile bodies and parts.....	10	58	12	1	1		44	Au 51	Ja 31	46	45	1			76,586
4	Automobile repairing.....	67	497	64	34	34	20	345	Au 372	Fe 304	340	339	7			543,383
5	Boxes, set-up paper boxes and cartons	5	186	2	7	3	5	109	De 205	Ja 149	205	71	134			323,641
6	Bread and other bakery products.....	61	1,187	66	63	143	62	553	No 898	My 813	878	554	312	2	10	2,339,969
7	Brick, sewer pipe, and drain tile.....	3	49	1	4			44	Oc 111	Ja 3	85	84	1			601,491
8	Brooms.....	7	100	3	8	3	2	84	De 104	My 61	105	71	34			267,994
9	Butter.....	10	281	4	20	42	23	142	Je 172	De 113	115	90	25			1,288,195
10	Carpets, rag.....	3	39	3	3	3	1	29	Oc 36	Ja 24	34	27	7			12,601
11	Clothing, men's.....	5	549	8	19	25	16	481	De 603	Mh 396	603	92	510	1		1,077,643
12	Clothing, women's.....	7	64	3	5	1	2	53			65	11	54			80,556
13	Suits, skirts, and cloaks.....	3	23	3				13	Oc 26	Ja 12	26	6	20			45,134
14	All other.....	4	41	2				35	Oc 46	Ja 24	39	9	3			34,422
15	Coffee, roasting and grinding.....	8	176	2	16	44	8	106	Jy 113	Ap 67	104	54	50			1,548,286
16	Coffins, burial cases, and undertakers' goods.....	4	93	1	9	5	5	73	Ja 80	Se 65	76	62	14			407,628
17	Confectionery and ice cream.....	26	521	27	32	63	40	359	Oc 402	Fe 316	366	164	232			1,041,796
18	Copper, tin, and sheet-iron work.....	40	265	40	27	23	9	166	Oc 199	Ja 127	179	179				626,533
19	Dental goods.....	5	18	5				13	Ap 15	Fe 12	12	9	3			8,942
20	Electrical machinery, apparatus, and supplies.....	3	31	2	4	3	2	20	Se 23	Ap 17	21	18	3			50,256
21	Engraving, steel and copper plate, including plate printing.....	6	58	6	2		6	44	De 51	Ja 37	51	43	8			72,018
22	Flavoring extracts.....	4	21	4	1	2	3	11	Mh 14	My 8	10	7	3			75,480
23	Flour-mill and gristmill products.....	7	529		48	74	33	374	De 440	Jy 316	440	422	13			12,414,223
24	Food preparations, not elsewhere specified.....	13	259	10	29	34	17	169			171	134	37			2,561,087
25	Macaroni, vermicelli, and noodles.....	4	29	3	1	2	2	21	Oc 22	Se 18	22	17	5			95,776
26	All other.....	9	230	7	28	32	15	148	Oc 187	Jy 112	149	117	32			2,465,312
27	Foundry and machine-shop products.....	64	3,254	36	132	140	49	2,397			2,017	2,007	6	4		6,026,122
28	Boiler shops and foundries.....	14	1,723	4	31	66	18	1,604	Ja 2,953	De 857	857	857				2,600,364
29	Machine shops.....	45	1,079	29	83	45	25	897	Ap 1,021	De 711	757	747	6	4		2,668,901
30	Machine shop and foundry combined.....	5	452	3	18	29	6	396	Ja 529	De 301	403	403				755,797
31	Fur goods.....	6	83	8	5	5	6	59	Se 71	Ap 48	65	20	44	1		196,843
32	Furniture.....	14	852	7	37	27	12	709	Oc 882	Ja 625	879	842	37			2,698,226
33	Hats and caps, other than felt, straw, and wool.....	3	30	8	3		3	21	No 30	Mh 15	29	8	21			43,454
34	Hats, fur-felt.....	3	7	3				4	(1) 4	(1) 4	4		4			6,397
35	Ice, manufactured.....	7	75	7	11	3	3	51	Jy 71	De 37	41	41				686,371
36	Leather goods, not elsewhere specified	6	22	4	1	2	1	14	De 17	My 11	17	10	7			44,373
37	Looking-glass and picture frames.....	4	25	6	2		5	12	De 13	Ja 11	14	11	3			100,071
38	Lumber and timber products.....	19	3,542	1	80	74	44	3,343	Jy 3,978	Ja 2,221	3,656	3,578	76	2		16,877,218
39	Lumber, planing-mill products, not including planing mills connected with sawmills.....	19	655	12	39	38	17	549	No 626	Ja 422	614	585	27	1	1	1,474,474
40	Marble and stone work, monuments and tombstones.....	6	54	6	6	11	1	30	My 37	Ja 23	32	32				210,912
41	Millinery and lace goods, not elsewhere specified.....	6	52	9			2	41			47	8	39			45,718
42	Trimmed hats and hat frames.....	3	20	5				15	Ap 18	Ja 13	16	7	9			22,118
43	All other.....	3	32	4			2	26	De 31	Ja 25	31	1	30			23,600
44	Mineral and soda waters.....	6	115	6	6	26	2	75	Je 95	Ja 54	77	76	1			1,320,281
45	Models and patterns, not including paper patterns.....	5	28	6				22	Je 28	Ja 16	23	23				22,568
46	Patent medicines and compounds.....	10	177	21	22	23	17	94	Oc 122	My 82	87	18	69			1,849,184
47	Photo-engraving.....	4	28	3	2	1	1	21	Oc 25	Ap 19	21	14	7			21,090
48	Printing and publishing, book and job	79	783	69	76	63	54	521			550	437	106	7		1,824,017
49	Job printing.....	70	718	57	73	40	43	499	De 538	Se 480	527	417	104	6		1,702,554
50	All other.....	9	65	12	8	17	11	22	Fe 23	My 20	23	20	2	1		121,493
51	Printing and publishing, newspapers and periodicals.....	58	1,072	33	71	338	104	466			506	479	23	4		1,980,537
52	Printing, publishing, and job printing.....	13	938	13	35	310	115	465	De 505	Fe 435	505	479	23	3		1,861,102
53	Publishing without printing.....	40	134	20	36	28	49	1	(1) 1	(1) 1	1			1		119,435
54	Saddlery and harness.....	11	193	8	14	15	7	149	Ja 255	No 112	122	117	5			725,257
55	Shipbuilding, wooden, including boat building.....	9	1,955	3	39	99	28	1,787	Ja 5,091	No 110	2,300	2,300				5,890,991
56	Signs, other than electric.....	9	28	10			2	16	Oc 20	Ja 12	18	18				13,318
57	Structural ironwork, not made in steel works or rolling mills.....	6	1,248	5	28	85	21	1,111	Oc 3,346	Fe 86	1,387	1,387				687,142

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).

MANUFACTURES—OREGON.

111

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.	Steam engines (not turbines).	Steam turbines.	Internal-combustion engines.	Rent. ²

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.							
4,260,286	3,903,891	38,758,269	828,833	920,314	9,232,908	100,093,953	2,292,026	100,380,146	84,993,567	70,536	20,091	2,117	43	48,235	3,475	1
18,478	1,242	45,286	.....	2,145	842	63,714	1,507	168,163	102,882	36	.....	.....	.....	36	.....	2
1,650	360	65,863	.....	10,703	1,153	100,573	3,395	216,832	112,894	79	.....	.....	.....	79	.....	3
57,718	50,906	436,069	402,720	61,913	5,603	369,981	20,447	1,265,165	874,737	426	.....	.....	.....	426	.....	4
38,040	8,944	124,739	.....	14,958	10,589	298,585	5,554	685,249	281,110	167	50	.....	.....	117	.....	5
159,956	315,903	887,273	475	65,252	159,750	4,394,341	95,011	7,157,084	2,667,732	805	103	10	.....	692	19	6
6,164	999	48,104	.....	8,411	6,411	103,776	21,116	103,776	75,848	365	225	.....	.....	140	20	7
19,744	8,653	72,167	.....	4,420	7,143	291,190	3,211	412,060	117,659	103	50	.....	.....	53	.....	8
47,794	66,566	152,307	.....	18,305	11,931	2,160,788	24,247	2,652,847	467,814	725	.....	.....	.....	725	.....	9
1,650	2,432	30,813	.....	1,685	50	18,340	866	71,624	52,418	38	7	.....	.....	31	.....	10
42,159	36,075	348,455	.....	9,000	26,549	1,322,435	6,557	2,034,335	705,313	224	150	.....	.....	74	50	11
.....	3,530	44,255	.....	5,921	1,088	31,309	1,277	153,695	71,109	11	.....	.....	.....	11	.....	12
.....	.....	13,555	.....	900	784	20,696	466	48,675	18,613	3	.....	.....	.....	3	.....	13
.....	3,530	30,710	.....	5,021	304	51,613	811	105,020	52,596	8	.....	.....	.....	8	.....	14
48,379	88,213	97,524	.....	17,130	40,692	2,964,540	13,557	3,590,207	612,110	420	.....	.....	.....	420	.....	15
30,904	7,895	113,268	.....	1,500	10,857	288,452	1,702	494,442	204,198	144	.....	.....	.....	144	.....	16
109,251	137,860	339,363	.....	19,379	108,135	489,642	39,273	2,935,436	1,002,521	708	75	.....	20	673	.....	17
66,658	36,097	.....	1,800	16,706	16,324	457,870	7,517	1,129,107	633,720	234	.....	.....	.....	234	.....	18
.....	.....	16,222	.....	1,805	41	20,436	74	57,719	37,209	3	.....	.....	.....	3	.....	19
6,916	9,285	20,998	.....	2,782	316	37,241	1,067	103,127	64,819	35	.....	.....	.....	35	.....	20
6,565	4,282	54,818	.....	5,100	521	25,919	2,018	154,837	126,900	72	.....	.....	.....	72	.....	21
1,500	6,920	12,286	.....	3,240	65	141,669	1,207	192,474	49,598	15	.....	.....	.....	15	.....	22
184,116	139,713	553,123	26,603	14,270	124,018	20,024,803	35,094	22,525,761	2,415,364	3,179	.....	.....	.....	3,179	.....	23
69,465	95,447	170,208	.....	12,687	66,297	3,616,096	27,141	4,217,694	574,467	1,729	750	.....	.....	679	.....	24
1,500	3,736	21,887	.....	2,058	1,145	113,607	4,603	164,943	46,673	106	.....	.....	.....	106	.....	25
67,965	91,711	145,321	.....	10,029	65,152	3,602,489	22,478	4,052,751	527,784	1,623	750	.....	.....	1,623	.....	26
534,922	252,042	5,372,370	7,301	59,300	1,238,280	7,953,938	306,196	19,423,232	11,163,098	6,781	3,175	.....	.....	3,606	1,100	27
152,381	90,162	3,366,115	2,750	15,768	916,031	4,604,559	177,355	11,515,024	6,673,110	4,219	3,075	.....	.....	1,144	1,100	28
273,512	94,193	1,347,337	.....	35,262	185,231	2,229,008	71,613	5,413,529	3,112,908	1,459	100	.....	.....	1,359	.....	29
109,029	58,687	658,918	4,551	8,270	137,018	1,060,371	57,228	2,494,679	1,377,080	1,103	.....	.....	.....	1,103	.....	30
13,625	11,270	63,916	854	17,400	8,490	105,174	1,695	270,445	163,576	34	.....	.....	.....	34	.....	31
107,795	69,527	871,166	.....	9,846	81,932	1,067,015	39,287	2,899,687	1,793,385	2,551	90	617	.....	1,844	.....	32
5,580	2,412	23,006	.....	1,380	250	45,673	471	103,961	57,817	6	.....	.....	.....	6	.....	33
31,862	8,826	3,600	.....	1,430	58	8,549	397	21,580	12,614	2	.....	.....	.....	2	.....	34
1,000	3,875	33,589	500	5,700	10,932	9,859	48,551	275,088	216,678	957	.....	.....	.....	957	.....	35
3,101	3,964	15,120	.....	2,280	478	30,327	1,602	68,977	31,048	12	.....	.....	.....	12	.....	36
353,367	181,493	14,939	.....	4,322	1,166	38,027	330	91,696	53,639	12	.....	.....	10	2	.....	37
128,614	85,412	4,769,031	18,124	56,368	746,837	9,073,911	127,078	18,845,793	9,644,804	19,531	12,017	.....	.....	7,514	275	38
.....	.....	772,479	.....	27,087	56,605	1,380,441	30,438	2,716,868	1,305,989	2,679	855	.....	.....	1,824	.....	39
18,410	17,776	51,018	.....	6,600	1,222	96,210	3,439	241,180	141,531	161	.....	.....	.....	161	.....	40
.....	1,480	26,615	200	6,657	249	30,088	714	91,951	60,249	7	.....	.....	.....	7	.....	41
.....	.....	10,806	200	4,079	120	17,985	564	47,806	29,257	3	.....	.....	.....	3	.....	42
15,600	45,247	15,809	.....	2,578	129	13,003	150	44,145	30,992	4	.....	.....	.....	4	.....	43
.....	.....	118,731	.....	1,270	60,964	492,377	17,137	795,251	285,737	937	660	.....	.....	277	.....	44
.....	.....	32,410	.....	2,460	166	16,248	937	70,859	53,674	39	.....	.....	.....	39	.....	45
84,306	51,980	84,685	.....	8,157	25,120	517,985	4,195	977,395	455,215	95	40	.....	.....	55	.....	46
2,220	2,630	34,402	.....	2,460	877	10,282	915	106,196	88,999	10	.....	.....	.....	10	.....	47
229,746	142,552	674,648	23,902	66,252	53,073	1,145,407	20,162	3,119,527	1,953,955	700	.....	.....	.....	700	.....	48
224,314	125,970	645,975	22,145	63,810	52,449	1,139,152	18,434	3,012,476	1,854,839	692	.....	.....	.....	692	.....	49
5,432	16,552	28,673	1,756	2,442	629	6,255	1,078	107,052	99,119	8	.....	.....	.....	8	.....	50
239,696	712,059	804,070	272,732	79,576	200,495	1,224,616	27,410	4,690,780	3,378,754	1,055	.....	.....	.....	1,055	.....	51
171,170	612,830	803,666	10,827	65,513	197,868	1,195,773	27,410	3,934,473	2,711,290	1,054	.....	.....	.....	1,054	.....	52
68,526	99,259	404	261,905	14,063	3,127	28,843	.....	698,907	607,464	1	.....	.....	.....	1	.....	53
83,768	28,962	192,004	.....	11,245	46,822	784,122	4,420	1,635,654	847,106	215	.....	.....	.....	215	.....	54
171,779	205,024	2,907,407	57,534	61,357	527,936	5,357,508	51,096	9,391,822	4,472,718	3,653	517	.....	.....	3,141	.....	55
.....	744	23,102	.....	4,102	79	22,134	78	77,245	55,033	3	.....	.....	.....	3	.....	56
91,478	50,493	1,704,796	4,672	10,974	10,104	3,814,836	33,290	6,392,273	2,544,147	4,618	.....	.....	.....	4,618	.....	57

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

MANUFACTURES—OREGON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

INDUSTRY.	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.

PORTLAND—Continued.																Dollars.	
1	Tobacco, cigars.....	15	64	16	1	1	46	De	57	Mh ^a	43	57	47	9	1	275,145	
2	Trunks and valises.....	5	77	5	7	4	59	No	72	Ja	48	71	39	32	.....	193,076
3	Vinegar and cider.....	3	10	1	2	.....	6	De	16	Ap ^a	1	22	22	.....	.....	43,737
4	Wood, turned and carved.....	3	62	.....	3	1	58	Oc	78	Ja	38	71	48	23	.....	86,826
5	All other industries*.....	166	12,695	108	968	379	254	10,986	12,683	11,554	1,115	9	5	37,498,555

* All other industries embrace—	Brass and bronze products.....	3	Cleansing and polishing prepara-	2	Gas and electric fixtures.....	2
Artificial limbs.....	Brushes.....	1	tions.....	2	Gas, illuminating and heating.....	2
Awnings, tents, and sails.....	Canning and preserving, fish.....	1	Cooperage, hogsheads and barrels..	3	Gas machines.....	1
Babbitt metal and solder.....	Canning and preserving, fruits.....	2	Cordage and twine.....	1	Glass, cutting, staining, and orna-	.....
Bags, other than paper, not includ-	Carriages and wagons, repair work	.....	Cordials and flavoring sirups.....	1	menting.....	2
ing bags made in textile mills.....	only.....	1	Dairymen's, poultrymen's, and	.....	Gloves and mittens, leather.....	2
Baskets, and rattan and willow ware	Cars and general shop construction	.....	apiarists' supplies.....	2	Glucose.....	1
Belted, leather.....	and repairs by electric-railroad	.....	Electroplating.....	2	Hair work.....	1
Blacking, stains, and dressings.....	companies.....	2	Enameling.....	1	Hand stamps.....	1
Bluing.....	Cars and general shop construction	.....	Engines, steam, gas, and water.....	1	Hardware, builders'.....	1
Bookbinding and blank-book mak-	and repairs by steam-railroad	.....	Fancy articles, paper novelties.....	1	Hardware, saddlery.....	2
ing.....	companies.....	5	Fertilizers.....	1	Instruments, professional and	.....
Boots and shoes.....	Cars, steam-railroad, not including	2	Flags and banners.....	1	scientific.....	1
Boxes, cigar.....	operations of railroad companies..	1	Furnishing goods, men's neckwear..	1	Iron and steel, steel works and roll-	.....
Boxes, wooden packing, except	Chemicals.....	1	Galvanizing.....	1	ing mills.....	1
cigar boxes.....	.....	2	.....	.....	.....	.....

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

1	ASTORIA.....	78	1,641	61	74	49	53	1,404	Ja	1,871	De	1,027	2,200	1,988	212	.....	.....	11,881,102
2	EUGENE.....	52	661	52	49	13	13	534	Au	703	Ja ^a	354	777	413	304	.....	.....	1,706,894
3	SALEM.....	84	1,341	83	62	59	57	1,080	Se	1,525	Fe	705	1,600	1,024	563	1	12	5,636,770

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 manufac-ture.	POWER.						
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.					Elec-tric horse-power generated in estab-lish-ments report-ing.	
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 en-gines (not tur-bines).	Steam tur-bines.	Inter-nal com-bus-tion en-gines.	Water pow-er. ¹		

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

Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.	Dollars.						
317	2,000	48,243	.....	3,875	18,560	77,010	717	167,201	89,468	3	.....	.....	.....	3	.....	1
24,381	20,688	76,021	.....	7,170	3,710	176,658	1,665	399,350	221,027	32	.....	.....	.....	32	.....	2
3,856	1,196	8,393	.....	3,300	2,670	40,018	2,914	62,237	19,335	107	.....	.....	.....	107	.....	3
5,200	100	40,369	.....	2,520	406	55,129	2,650	139,574	81,785	293	.....	.....	.....	293	.....	4
1,242,556	980,219	15,991,710	10,741	168,235	5,522,997	36,898,771	1,202,838	72,652,900	34,551,291	16,460	1,327	1,500	3	13,630	2,011	5

Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills.....	1	Mirrors, framed and unframed, not elsewhere specified.....	1	Roofing materials.....	2	Stoves and hot-air furnaces.....	4
Iron and steel, cut nails and spikes, not made in steel works or rolling mills.....	1	Musical instruments and materials, not specified.....	1	Rubber tires, tubes, and rubber goods, not elsewhere specified.....	2	Surgical appliances.....	2
Iron and steel, welding.....	2	Oil, linseed.....	1	Sausage, not made in slaughtering and meat-packing establishments.....	1	Tinware, not elsewhere specified.....	1
Jewelry.....	5	Optical goods.....	3	Saws.....	3	Tools, not elsewhere specified.....	3
Knit goods.....	1	Paints.....	2	Shipbuilding, steel, new vessels.....	3	Toys and games.....	2
Lamps.....	2	Peanuts, grading, roasting, cleaning, and shelling.....	1	Shirts.....	1	Typewriter supplies, carbon paper.....	1
Lapidary work.....	1	Perfumery and cosmetics.....	2	Slaughtering and meat packing.....	2	Varnishes.....	2
Leather, tanned, curried, and finished.....	1	Phonographs and graphophones.....	2	Soap.....	4	Waste, cotton.....	1
Liquors, malt.....	1	Photographic materials.....	2	Sporting and athletic goods.....	1	Window shades and fixtures.....	2
Mattresses and spring beds, not elsewhere specified.....	4	Pickles, preserves, and sauces.....	6	Springs, steel, automobile.....	1	Wirework, not elsewhere specified.....	2
		Pottery, earthen and stone ware.....	1	Statuary and art goods.....	1	Wooden goods, not elsewhere speci-fied.....	2
		Pulp goods, wall board.....	1	Steam packing.....	1	Wool pulling.....	1
		Pumps, power, other than steam.....	1	Stencils and brands.....	2	Wool scouring.....	1
				Stereotyping and electrotyping.....	1	Woolen goods.....	1
						Worsted goods.....	1

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

248,154	126,487	2,072,076	171,481	27,507	176,461	9,106,322	161,252	13,398,627	4,128,053	6,832	2,646	.....	8	.....	4,178	57	1
100,437	20,195	474,147	3,280	13,680	22,009	1,407,454	64,775	2,489,647	1,617,418	2,133	295	40	.....	260	1,538	20	2
169,170	155,509	1,179,334	7,866	21,000	264,770	6,617,449	123,359	9,435,070	2,694,262	3,324	1,551	.....	6	170	1,597	62	3

* Same number reported for one or more other months.

MINES AND QUARRIES—OREGON.

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.

Oregon, which ranks ninth among the states in size (land area 95,607 square miles) and thirty-fourth in population (783,389 in 1920), ranked fortieth in value of mineral products for 1919. The state ranked forty-second in the total number of persons engaged in the mining industries and in the average number of wage earners employed.

The total amount received for products by operators of mines and quarries in Oregon in 1919 was \$1,884,871, an increase of 58.2 per cent over the value reported by the census for the year 1909. This increase and the increases in wages and cost of supplies and materials and fuel and power, as shown in Table 1, can not properly be used as a measure of growth or progress in mining during the decade. Nor, on the other hand, do the large decreases in number of enterprises and individual mines and quarries operated and in capital invested indicate notable decline in mining as they reflect the temporarily adverse industrial conditions in 1919. For purposes of comparison most significance should be attached to the moderate decrease in the average number of wage earners.

The industries reported for 1919, classified by principal products and listed in the order of value of products, were gold and silver ores, copper ores, gold and platinum from placer mines, basalt, limestone, gypsum, bituminous coal, granite, abrasive materials, chromite, quicksilver, and clay. The mining industries for which statistics can be shown without disclosure of individual operations are ranked according to value of products in Table 2.

The leading mineral industries in Oregon in 1919, the mining of gold and silver from lodes and placers and of copper ores, comprised 27 out of a total of 50 productive enterprises, employed 57.2 per cent of all wage earners in the mining industries, and reported \$1,221,552, or 64.8 per cent of the total value of products. Baker and Grant Counties in eastern Oregon were the principal sources of production; Josephine, Jackson, Curry, and Coos Counties also reported some production. The quarrying industries producing basalt, or traprock, and limestone were second

and third in importance in the state. Together they employed 26.1 per cent of all wage earners in the mineral industries and reported 23 per cent of the total value of products. Unproductive operations for the purpose of mine development were reported for one coal mine and five metalliferous lode mines in Oregon in 1919. These enterprises employed approximately 5 per cent of the aggregate number of wage earners employed in the mining industries and expended for development 5.6 per cent of the aggregate expenditures reported for all mining operations in the state in 1919.

Table 3 shows that 60 per cent of all producing enterprises were incorporated and that these employed 93.4 per cent of the total number of wage earners and reported 94.3 per cent of the total value of products.

The small number of large enterprises, as measured by the average number of wage earners, is shown in Table 4. One copper mine employed more than 50 and one gold mine more than 100 wage earners. Of the other enterprises, 11 employed no wage earners and 37 employed less than 50 and averaged only 12 wage earners each.

The mining enterprises are grouped by prevailing hours of labor per week in Table 5, which shows that a majority of enterprises, employing 39.2 per cent of the total number of wage earners, worked 44 to 53 hours per week; and that more than a third of the enterprises, employing 60.3 per cent of the total number of wage earners, worked 54 to 62 hours per week. The 8-hour day prevailed generally with a 7-day week in the metal-mining industries and a 6-day week in the quarrying industries.

The statistics for wage earners presented in Table 6, showing the changes in the number employed month by month, reflect conditions prevailing in the mining industries during the census year.

Table 7 presents for 1919 statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations.

MINES AND QUARRIES—OREGON.

117

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.....	50	116	-56.9	Principal expenses:			
Number of mines and quarries.....	52	161	-67.7	Salaries.....	\$147,821	\$124,833	18.4
Persons engaged.....	847	1,072	-21.0	Wages.....	992,957	705,192	40.8
Proprietors and firm members, total.....	37	112	-67.0	Contract work.....	35,888	7,717	365.1
Number performing manual labor in or about the mines and quarries.....	20	66	-70.0	Supplies and materials.....	545,949	180,796	192.3
Salaried employees.....	70	100	-30.0	Fuel and power.....	138,472	96,592	43.2
Wage earners (average number).....	740	860	-14.0	Royalties and rents.....	43,047	16,965	153.7
Power used (horsepower).....	6,264	8,070	-22.4	Taxes.....	20,656	12,917	106.4
Capital.....	\$4,780,913	\$0,166,834	-47.8	Value of products.....	1,884,871	1,191,512	58.2

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

TABLE 2.—PRINCIPAL INDUSTRIES, PRODUCING ENTERPRISES, RANKED BY VALUE OF PRODUCTS: 1919.

INDUSTRY.	Number of enterprises.	WAGE EARNERS.		VALUE OF PRODUCTS.		INDUSTRY.	Number of enterprises.	WAGE EARNERS.		VALUE OF PRODUCTS.	
		Average number.	Per cent distribution.	Amount.	Per cent distribution.			Average number.	Per cent distribution.	Amount.	Per cent distribution.
All industries.....	50	740	100.0	\$1,884,871	100.0	Limestone.....	4	69	9.3	\$138,708	7.4
Gold and silver, lode and placer mines, and copper.....	27	423	57.2	1,221,552	64.8	Coal, bituminous.....	3	63	8.5	63,566	3.4
Basalt.....	9	124	16.8	204,812	15.6	All other industries ¹	7	61	8.2	166,238	8.8

¹ Includes enterprises in industries as follows: Abrasive materials, 1; chromite, 1; clay, 1; granite, 2; gypsum, 1; quicksilver, 1.

TABLE 3.—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.....	50	740	\$1,884,871	\$37,697	100.0	100.0	100.0
Corporation.....	30	661	1,777,720	59,257	60.0	93.4	94.3
Individual.....	11	23	62,108	5,652	22.0	3.1	3.3
Firm ¹	9	26	44,983	4,993	18.0	3.5	2.4
GOLD AND SILVER, LODGE AND PLACER MINES, AND COPPER.....	27	423	1,221,552	45,243	100.0	100.0	100.0
Corporation.....	14	401	1,180,534	84,324	51.9	94.8	96.6
Individual.....	5	1	4,487	891	13.5	0.2	0.4
Firm ¹	8	21	86,561	4,570	29.0	5.0	3.0
BASALT AND LIMESTONE.....	13	193	433,520	33,348	100.0	100.0	100.0
Corporation.....	10	180	402,304	40,230	76.9	93.3	92.8
Individual ²	3	13	31,216	10,405	23.1	6.7	7.2

¹ Includes 1 other form of organization.

² Includes 1 firm.

MINES AND QUARRIES—OREGON.

TABLE 4.—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.....	50	100.0	740	100.0	BASALT.....	9	100.0	124	100
No wage earners.....	11	22.0	.....	.....	1 to 5.....	2	22.2	9	7
1 to 5.....	13	26.0	39	5.3	6 to 20.....	5	55.6	56	45
6 to 20.....	17	34.0	184	24.9	21 to 50.....	2	22.2	50	47
21 to 50.....	7	14.0	223	30.1					
51 to 100.....	1	2.0	78	10.5	LIMESTONE.....	4	100.0	60	100
101 to 500.....	1	2.0	216	29.2	1 to 5.....	1	25.0	4	5
GOLD AND SILVER, LOSE AND PLACER MINES, AND COPPER.....	27	100.0	423	100.0	6 to 20.....	1	25.0	7	10
No wage earners.....	9	33.3	.....	.....	21 to 50.....	2	50.0	58	84
1 to 5.....	7	25.9	12	2.8					
6 to 20.....	8	29.6	95	22.5	COAL, BITUMINOUS.....	3	100.0	63	100
21 to 50.....	1	3.7	22	5.2	1 to 5.....	1	33.3	4	6
51 to 100.....	1	3.7	78	18.4	6 to 20.....	1	33.3	10	15
101 to 500.....	1	3.7	216	51.1	21 to 50.....	1	33.3	49	77

TABLE 5.—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—							
	Enter-prises.	Wage earners.	44 to 53.		54 to 62.		63 to 71.		72 to 84.	
			Enter-prises.	Wage earners.	Enter-prises.	Wage earners.	Enter-prises.	Wage earners.	Enter-prises.	Wage earners.
All industries.....	139	740	23	290	14	446	1	1	1	1
Gold and silver, lode and placer mines, and copper.....	18	423	5	25	11	394	1	1	1	1
Basalt.....	9	124	7	107	2	17	.....	.....	.....	.....
Limestone.....	4	69	4	60	.....	.....	.....	.....	.....	.....
Coal, bituminous.....	3	63	3	63	.....	.....	.....	.....	.....	.....
All other industries.....	5	61	4	26	1	35	.....	.....	.....	.....

¹ Exclusive of 11 enterprises employing no wage earners in industries as follows: Chromite, 1; clay, 1; gold and silver, lode and placer mines, and copper, 9.

TABLE 6.—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.
		Janu-ary.	Febru-ary.	March.	April.	May.	June.	July.	Aug-ust.	Sep-tember.	Octo-ber.	Novem-ber.	Decem-ber.	
All industries.....	776	638	592	587	603	722	735	832	916	999	902	870	847	58.8
Producing enterprises.....	740	617	565	555	580	695	721	810	899	934	912	826	790	50.4
Gold and silver, lode and placer mines, and copper.....	423	423	361	362	366	423	436	462	449	497	457	431	419	74.1
Basalt.....	124	58	69	70	88	101	108	147	207	214	190	137	90	27.1
Limestone.....	69	40	36	21	19	43	55	75	86	77	119	115	142	13.4
Coal, bituminous.....	63	63	64	63	60	60	56	50	50	69	71	68	82	61.0
All other industries.....	61	35	35	39	47	68	66	76	77	87	75	75	54	37.9
Nonproducing enterprises.....	36	21	27	32	23	27	14	22	47	65	50	53	51	21.5

MINES AND QUARRIES—OREGON.

119

TABLE 7.—DETAILED STATISTICS FOR MINING INDUSTRIES: 1919.

	Aggregate.	PRODUCING ENTERPRISES.						Nonproducing enterprises. ²
		Total.	Gold and silver, lode and placer mines, and copper.	Basalt.	Limestone.	Coal, bituminous.	All other. ¹	
Number of enterprises.....	56	50	27	9	4	3	7	6
Number of mines and quarries.....	58	52	29	9	4	3	7	6
Capital.....	\$5,872,553	\$4,780,913	\$2,759,342	\$477,054	\$372,601	\$608,690	\$478,326	\$1,091,640
Principal expenses:								
Salaries and wages—								
Officers.....	\$31,299	\$31,299	\$19,740	\$9,417			\$2,142	
Superintendents and managers.....	\$79,788	\$77,088	\$52,972	\$11,160	\$4,850	\$2,400	\$6,206	\$2,700
Technical employees.....	\$17,867	\$17,065	\$14,065				\$2,400	\$802
Clerks, etc.....	\$23,769	\$22,369	\$9,300	\$4,840		\$1,800	\$6,429	\$1,400
Wage earners.....	\$1,038,820	\$992,957	\$575,373	\$189,123	\$60,868	\$91,549	\$76,044	\$45,883
Supplies and materials.....	\$503,623	\$545,940	\$341,410	\$102,114	\$63,083	\$4,253	\$35,089	\$47,674
Fuel.....	\$70,098	\$68,689	\$18,887	\$21,591	\$7,109	\$14,606	\$6,496	\$1,409
Power.....	\$64,783	\$64,783	\$58,366	\$3,121	\$269	\$64	\$2,963	
Royalties and rents.....	\$48,047	\$48,047	\$33,509	\$2,238	\$3,926	\$1,840	\$6,584	
Taxes.....	\$28,445	\$26,656	\$18,472	\$3,548	\$824	\$1,392	\$2,420	\$1,789
Contract work.....	\$50,362	\$35,888	\$14,349			\$10,217	\$11,322	\$14,474
Expenditures for development (included in the above items).....	\$320,209	\$205,672	\$179,798	\$420		\$3,806	\$21,948	\$114,237
Value of products.....	\$1,884,871	\$1,884,871	\$1,221,552	\$294,812	\$138,708	\$63,566	\$166,233	
Persons engaged in industry.....	880	847	492	142	72	67	74	42
Proprietors and firm members (total).....	38	37	29	3	1	2	2	1
Number performing manual labor.....	20	20	17	2			1	
Salaried officers.....	9	9	6	3				
Superintendents and managers.....	38	36	21	7	2	1	5	2
Technical employees.....	10	9	8				1	1
Clerks, etc.....	18	16	5	5		1	5	2
Wage earners (average number).....	776	740	423	124	69	63	61	36
Wage earners by occupation (Dec. 15):								
Above ground (total).....	675	651	240	178	158	20	60	24
Below ground (total).....	377	322	256			63	3	55
Foremen, shift bosses, etc.—								
Above ground.....	29	27	11	9	3	2	2	2
Below ground.....	15	13	12			1		2
Enginemen, hoistmen, electricians, mechanics, etc.—								
Above ground.....	104	101	53	24	8	13	3	3
Below ground.....	39	37	32			5		2
Miners, quarrymen, and drillmen, including their helpers—								
Above ground.....	120	114	8	33	57		18	6
Below ground.....	169	139	97			40	2	30
Timbermen, trackmen, and men engaged in hauling, tramming, etc.—								
Above ground.....	68	62	25	35	20	1	1	6
Below ground.....	63	60	46			14		3
Muckers, loaders, laborers, and others not classified—								
Above ground.....	232	225	74	72	70	1	8	7
Below ground.....	91	73	69			3	1	18
Wage earners employed in mills and beneficiating plants—								
Above ground.....	102	102	69			3	30	
Number of females included in wage earners reported above—								
Above ground.....	9	9	4	2	1		2	
Mineral land operated..... acres.....	26,993	22,963	13,667	3,871	1,509	1,169	2,747	4,030
Land controlled, total..... acres.....	28,673	24,643	15,847	3,871	1,509	1,169	2,747	4,030
Mineral land owned.....	19,132	16,472	12,720	262	1,219	924	1,347	2,660
Mineral land leased.....	7,961	6,591	1,047	3,009	290	245	1,400	1,370
Timber and other lands owned and leased.....	1,580	1,580	1,580					
Power used: Aggregate horsepower.....	6,499	6,264	3,894	1,285	35	393	657	235
Prime movers (horsepower, total).....	1,814	1,579	450	692	10	375	52	235
Steam engines—								
Number.....	30	27	3	18		6		3
Horsepower.....	1,311	1,201	140	686		375		110
Internal-combustion engines—								
Number.....	10	9	4	1	2		2	1
Horsepower.....	161	141	73	6	10		52	20
Water wheels and turbines—								
Number.....	12	10	10					2
Horsepower.....	342	237	237					105
Purchased power (horsepower, total).....	4,685	4,685	3,444	593	25	18	605	
Electric motors operated by purchased current—								
Number.....	111	111	88	10	1	3	9	
Horsepower.....	4,685	4,685	3,444	593	25	18	605	
Electric motors run by current generated by enterprise using:								
Number.....	22	22	7			15		
Horsepower.....	464	464	109			355		
Fuel used:								
Coal, bituminous..... tons, 2,000 pounds..	5,280	5,280	161	250		4,869		
Wood..... cords.....	4,008	3,688	1,560	1,752	272		104	320
Fuel oils..... barrels.....	6,548	6,548	290	4,220			2,038	
Gasoline and other volatile oils..... barrels..	710	662	259	6	321		76	48

¹ Includes enterprises as follows: Abrasive materials, 1; chromite, 1; clay, 1; granite, 2; gypsum, 1; quicksilver, 1.² Includes enterprises as follows: Coal, bituminous, 1; gold, silver, copper, lead and zinc, lode mines, 5.