

SUPPLEMENT FOR WASHINGTON

POPULATION
AGRICULTURE
MANUFACTURES
MINES AND QUARRIES

75497°—13—37

(565)

CHAPTER I.

NUMBER OF INHABITANTS.

Introduction—This chapter gives the population of Washington, by counties and minor civil divisions, as enumerated at the Thirteenth Census, taken as of April 15, 1910, with comparative statements of population where possible, and a statement and discussion for the state as a whole of the population living in urban and in rural territory. The statistics are given in detail in two general tables.

Table 1 (p. 573) shows the population of Washington, distributed according to counties and minor civil divisions, and, so far as possible, in comparison with similar figures for 1900 and 1890. The arrangement of counties and of the primary divisions in each county is alphabetical. The figures for secondary divisions are printed in italics. The changes in boundaries, name, or form of organization that have taken place since 1900 are indicated in the footnotes to the table. For changes between 1890 and 1900 reference must be made to the census report of 1900.

Comparisons of the population of the minor civil divisions in 1910 with that in 1900 and 1890 are to a large extent impossible. This is caused by the fact that most of the counties have either been redistricted since 1890 or were not returned by precincts in that year, and also, in the case of four counties, by the fact that they have been organized since 1890. Such comparisons are, however, made as far as practicable for all the minor civil divisions existing in 1910 which were also in existence at one or both of the earlier censuses, but in the case of the majority of the counties they are possible only for incorporated places, and in a few instances for Indian reservations.

Table 2 (p. 584) shows the cities and incorporated towns in Washington, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of Washington, by counties, at each of the last five censuses, from 1870 to 1910, inclusive; the increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two censuses according to urban and rural districts, are given in Table I of Chapter 2.

The tables and text of the present chapter contain few technical expressions whose meaning is not apparent. The census usage in regard to certain terms is, however, explained below:

Density of population.—The density of population of a state or county is obtained by dividing its total population by the number of square miles in its land area. In calculating the density of rural population, the same divisor is used as it is not practicable to ascertain and deduct the exact area covered by the urban districts, and even if this could be done with accuracy the deduction of this area from the total land area would ordinarily make no appreciable difference in the resulting quotient.

Minor civil divisions.—The counties are divided generally into smaller political units which bear different designations in the different parts of the country, such as towns, townships, election precincts, etc. Of these minor civil divisions those which rank next to the county as geographic areas are termed primary divisions. In many instances, however, these primary divisions contain political units of still smaller area, such as cities, incorporated villages, towns, or boroughs. These smaller political units are referred to as secondary divisions.

Urban and rural population defined.—The Census Bureau, for purposes of discussion, has defined urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more, and rural population as that residing outside of such incorporated places.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the *proportion* of the total population living in urban or

HISTORICAL NOTE.—Washington was named in honor of the first President of the United States.

The first well authenticated exploration within the present limits of the state of Washington occurred in 1774, when Juan Perez, a Spaniard, sailed up the coast as far as 54° north latitude. The first permanent settlement within the present limits of Washington was made in 1845 at New Market, now Tumwater.

The possession of the Oregon country of which Washington originally formed a part, 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 the Columbia, and in 1805 the 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 United States and Canada at its present location.

In 1848 Congress provided a territorial government for Oregon, which then extended from the forty-second parallel to the Canadian boundary and from the Pacific Ocean to the Rocky Mountains. In 1853 that part of Oregon lying north of the Columbia River and the forty-sixth parallel east of its point of intersection with that river was organized as Washington territory. Six years later, when Oregon, with its present boundaries, became a state of the Union, that portion of the former territory lying east of the new state was added to Washington territory, so that the latter then included the area now constituting Idaho and parts of western Montana and Wyoming. In 1863 Idaho territory was organized, leaving the territory of Washington with the same boundaries as the present state.

Washington was admitted as a state in 1889.

rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions as they existed at each census. In this comparison a place having less than 2,500 inhabitants in 1900 and over 2,500 in 1910 is classed with the rural population for 1900 and with the urban for 1910. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their rate of growth, it is necessary to consider the changes in population for the same territory which have occurred from one decennial census to another. For this purpose the territory which in 1910 was

urban or rural, as the case may be, is taken as the basis, and the population in 1900 for the same territory (so far as separately reported at that census) is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two censuses.

TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

Population of the state.—The population of Washington is 1,141,990. Compared with a population of 518,103 in 1900, this represents an increase during the last decade of 623,887, or 120.4 per cent. During the same period the total population of the United States increased 21 per cent. The percentage of increase for the population of the state during this

decade is nearly three times that for the preceding decade, 1890-1900, when the rate was 45 per cent.

The following table shows the population of Washington at each census from 1860 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent of increase for the United States.
		Number.	Per cent.	
1910.....	1,141,990	623,887	120.4	21.0
1900.....	518,103	160,871	45.0	20.7
1890.....	¹ 357,232	282,116	375.6	25.5
1880.....	75,116	51,161	213.6	30.1
1870.....	23,955	12,361	106.6	22.6
1860.....	11,594			

¹ Includes population (7,842) of Indian reservations specially enumerated.

Washington was organized as a territory in 1853 and appears in the Federal census reports for the first time in 1860. During the 50 years since 1860 its population has increased very rapidly, the lowest rate of increase being 45 per cent during the decade 1890-1900. The percentages of increase for the four other decades ranged from 106.6 to 375.6.

The population of the state in 1910 was more than ninety-eight times as large as in 1860, when the population of Washington was first returned, while the population of the United States in 1910 was less than three times that in 1860.

Principal cities.—Washington has 61 cities. Seattle, the largest, has a population of 237,194, and Spokane, the second city, a population of 104,402. Tacoma, with 83,743 inhabitants, is the only other city in the state having over 25,000 inhabitants. There are also 5 cities having from 10,000 to 25,000, 4 having from 5,000 to 10,000, 13 having from 2,500 to 5,000, and 36 having less than 2,500 inhabitants. The aggregate population of these 61 cities is 647,986, or 56.7 per cent of the total population of the state.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890. The following table shows the population of the 6 largest cities, as reported at each census since their incorporation as cities, so far as

figures are available, together with the increase during each decade.

CITY AND CENSUS YEAR.	Population.	INCREASE OVER PRECEDING CENSUS.	
		Number.	Per cent.
Bellingham:			
1910.....	24,298	13,236	119.7
1900.....	¹ 11,062	2,927	86.0
1890.....	¹ 8,135		
Everett:			
1910.....	24,814	16,976	216.6
1900.....	7,838		
Seattle:			
1910.....	237,194	156,623	194.0
1900.....	80,671	37,834	88.3
1890.....	42,837	39,304	1,112.6
1880.....	3,533	2,426	219.2
1870.....	1,107		
Spokane:			
1910.....	104,402	67,554	183.3
1900.....	36,848	16,926	85.0
1890.....	19,922		
Tacoma:			
1910.....	83,743	46,029	122.0
1900.....	37,714	1,708	4.7
1890.....	36,006		
Walla Walla:			
1910.....	19,304	9,316	92.7
1900.....	10,049	5,340	113.4
1890.....	4,709	1,121	81.2
1880.....	3,588	2,194	157.4
1870.....	1,394		

¹ Population of Fairhaven and New Whatcom cities combined.

Of the cities included in the above table, Everett shows the highest rate of increase during the last

decade, namely, 216.6 per cent, and Walla Walla the lowest, 92.7 per cent.

Counties.—Washington has 38 counties. The population of these counties ranges from 2,887 in Skamania County to 284,638 in King County.

The following territorial changes have been made in the counties of Washington since 1900: Parts of Klickitat and Yakima Counties were taken in 1905 to form Benton County and part of Douglas County was taken in 1909 to form Grant County.

Owing to the organization since 1900 of two new counties from parts of other counties as shown above, the comparison of increase or decrease in population is made for only 33 counties and two combinations of counties. The combinations of counties are Benton with Klickitat and Yakima, and Grant with Douglas. In order to determine the actual rate of increase for these counties, it is necessary to add the population of the new county to that of the old county from which it was formed. Thirty-two counties and the two combinations of counties in the state have increased in population during the last decade. The rates of increase for the 32 counties that show increases range from 5.2 per cent in Ferry County to 960.3 per cent in Franklin County, and the absolute increases of the same group of counties from 238 in Ferry County to 174,585 in King County. The combined counties of Benton, Klickitat, and Yakima increased 201.1 per cent in population, while the combined counties of Grant and Douglas increased 263.9 per cent. One county, Columbia, shows a decrease in population of 86, or 1.2 per cent. In 12 counties the rate of increase exceeds that shown for the state as a whole, which, as before stated, is 120.4 per cent. The aggregate increase of population from 1900 to 1910 in the two combinations of counties and in the 32 counties that show increases is 623,973; the decrease of population in the 1 county that shows a decrease is 86. The difference, 623,887, is, of course, the total increase of population in the state.

The maps on page 571 show the increase or decrease in the total and the rural population, respectively, of each county of Washington during the last decade. In the county shown in white the population de-

creased; for the other counties the different rates of increase are indicated by differences in shading.

Density of population.—The total land area of the state is 66,836 square miles. The average number of persons to the square mile in 1910 was 17.1; in 1900 and 1890 it was 7.8 and 5.3, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

The density of population is given by counties in Table I of Chapter 2 and in the maps on page 572, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 or more, but not excluding the land area of such places.

Okanogan County, with 5,221 square miles, has the largest area, and San Juan County, with 178 square miles, has the smallest area. King County, containing Seattle city, has the highest density of any county, namely, 134.8 persons per square mile, while Skamania County, with 1.7 persons per square mile, has the lowest density.

Minor civil divisions.—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." In Washington the counties are divided into 1,177 primary divisions, comprising 1,119 election precincts, 48 townships, 4 cities, and 6 towns. No population was reported for 5 of the election precincts. There are also 167 secondary divisions, comprising 57 cities and 110 towns. These secondary divisions usually form parts of the respective precincts, but 34 cities and 31 towns are coextensive with the election precincts in which they are located. Besides these minor civil divisions there are 17 Indian reservations, 1 National Park, and 1 United States Navy Yard in the state for which population is returned in Table 1.

Urban and rural population compared.—The following table presents the population of Washington at the censuses of 1910, 1900, and 1890, respectively, distributed among cities and incorporated towns grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

CLASS OF PLACES.	1910		1900		1890		PER CENT OF TOTAL POPULATION.		
	Number of places.	Population.	Number of places.	Population.	Number of places.	Population.	1910	1900	1890
Total population.....		1,141,900		518,103		1,357,232	100.0	100.0	100.0
Urban territory.....	27	605,530	15	211,477	10	127,178	53.0	40.8	38.6
Cities and towns of—									
100,000 inhabitants or more.....	2	341,596					29.9		
50,000 to 100,000 inhabitants.....	1	83,743	1	80,671			7.3	15.6	
25,000 to 50,000 inhabitants.....			2	74,582	2	78,543		14.4	22.1
10,000 to 25,000 inhabitants.....	5	96,218	1	10,049	1	19,922	8.4	1.9	5.6
5,000 to 10,000 inhabitants.....	4	31,778	2	14,672			2.8	2.8	
2,500 to 5,000 inhabitants.....	15	52,195	9	31,523	7	28,413	4.6	6.1	8.0
Rural territory.....		536,460		306,626		1,230,054	47.0	59.2	64.4
Cities and towns of less than 2,500 inhabitants.....	160	120,532	74	58,022	57	43,799	10.6	11.2	12.3
Other rural territory.....		415,928		248,604		1,186,255	36.4	48.0	52.1

¹ Includes population (7,842) of Indian reservations, specially enumerated.

As shown by this table, the urban territory of the state in 1910—that is, the cities and incorporated towns of 2,500 inhabitants or more—contained 605,530 inhabitants, or 53 per cent of the total population, while 536,460 inhabitants, or 47 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the cities and incorporated towns then having 2,500 inhabitants or more—contained 211,477 inhabitants, or 40.8 per cent of the total population, while 306,626 inhabitants, or 59.2 per cent, lived in rural territory. There has thus been a large increase in the proportion of urban population. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

In 1890 there were two cities in Washington having over 25,000 inhabitants, Tacoma and Seattle, their combined population being 22.1 per cent of the total population of the state. By 1900 the population of Spokane had passed the 25,000 mark, making three cities with over 25,000 inhabitants each, their combined population being 30 per cent of the total population of the state and by 1910 this per cent was 37.2. The population of Seattle and of Spokane, in the meantime, had passed the 100,000 mark, and Tacoma had come into the group of cities having from 50,000 to 100,000 inhabitants. In 1890 the combined population of the groups of urban places under 25,000 inhabitants amounted to 13.5 per cent of the total population of the state. By 1900 this proportion had decreased to 10.9 per cent, but by 1910 had increased to 15.8 per cent.

The urban population of the state is contained in 25 cities and 2 towns, while the rural population is in 150 incorporated places of less than 2,500 inhabitants each and in the unincorporated territory. The 150 incorporated places of less than 2,500 inhabitants each have an aggregate population of 120,532, representing 10.6 per cent of the total population of the state. These places comprise 42 having from 1,000 to 2,500 inhabitants each, with a combined population of 65,194; 45 having from 500 to 1,000 inhabitants each, with a combined population of 33,777; and 63 having less than 500 inhabitants each, with a combined population of 21,561. The population living in unincorporated territory represents 36.4 per cent of the total.

The table on page 569 shows further that in all cities and incorporated towns, including those of less than 2,500 inhabitants, there was in 1910 a population of 726,062, or 63.6 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 269,499, or 52 per cent of the population of the state.

Table I of Chapter 2 shows that 10 counties and the one combination of 3 counties had a larger proportion, while 1 county had a smaller proportion of urban popu-

lation in 1910 than in 1900. Six counties wholly rural in 1900 were partly urban in 1910. Sixteen counties and the one combination of 2 counties were wholly rural at both censuses.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the table below, the total population in 1910 of those cities and towns which at that time had 2,500 inhabitants or more was 605,530; in 1900 the total population of these same places was 227,614. It may be noted that the latter figure exceeds the total population in 1900 of those cities and towns which at that time had over 2,500 inhabitants each, 211,477 (see table on page 569), by 16,137. The difference is the result of the passage, since 1900, of certain communities from the rural to the urban class and of annexations of territory during the same period.

In the following table the population for the state as a whole is distributed so as to show, for 1910 and 1900, the combined population of cities and towns having in 1910 over 25,000 and from 2,500 to 25,000 inhabitants, respectively, and the population of the remainder of the state.

CLASS OF PLACES.	POPULATION.		INCREASE: 1900-1910	
	1910	1900	Number.	Per cent.
The state.....	1,141,990	518,103	623,887	120.4
Urban territory in 1910.....	605,530	227,614	377,916	166.0
Cities and towns of—				
25,000 inhabitants or more in 1910..	425,339	100,708	204,631	164.7
2,500 to 25,000 inhabitants in 1910..	180,191	66,906	113,285	169.3
Remainder of the state.....	536,460	290,489	245,971	84.7

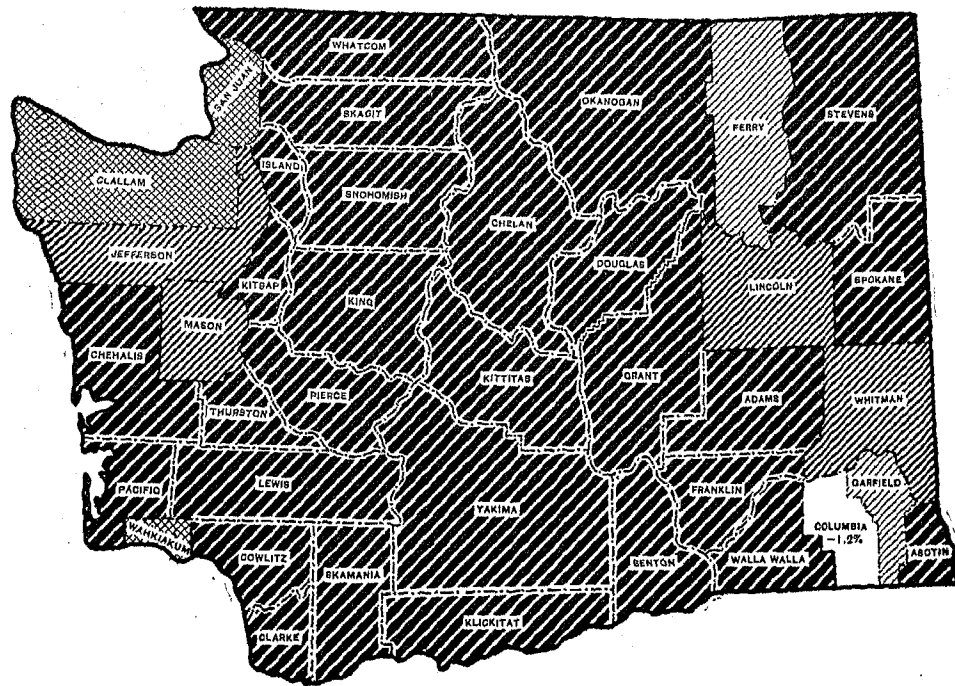
A comparison of the total population in 1910 of places having a population of not less than 2,500 each with the total population of the same places in 1900, as given in the above table, shows an increase of 166 per cent. This represents the rate of growth of urban communities as thus defined. During the same period the rural population, comprising that of the remainder of the state, increased 84.7 per cent. The urban population thus increased nearly twice as rapidly as rural population. For the United States as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent.

It also appears from this table that the population in both groups of urban places increased at about the same rate.

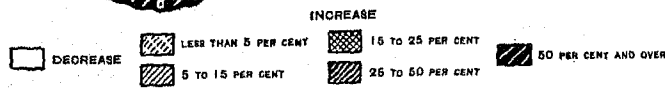
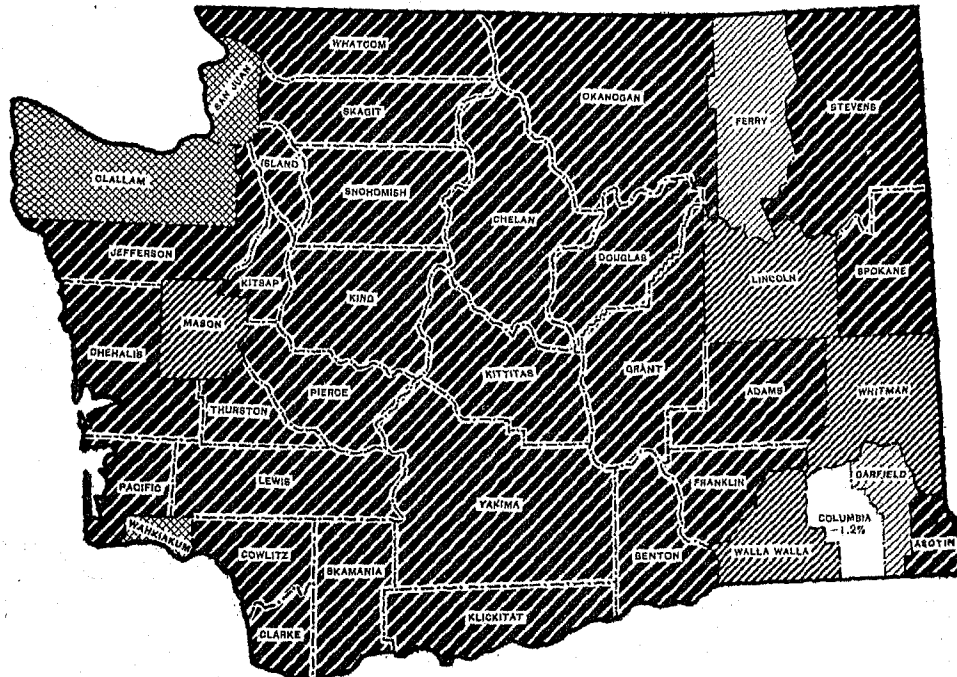
PER CENT OF INCREASE OR DECREASE OF POPULATION OF WASHINGTON, BY COUNTIES: 1900-1910.

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

TOTAL POPULATION.



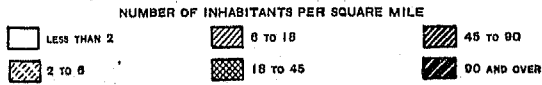
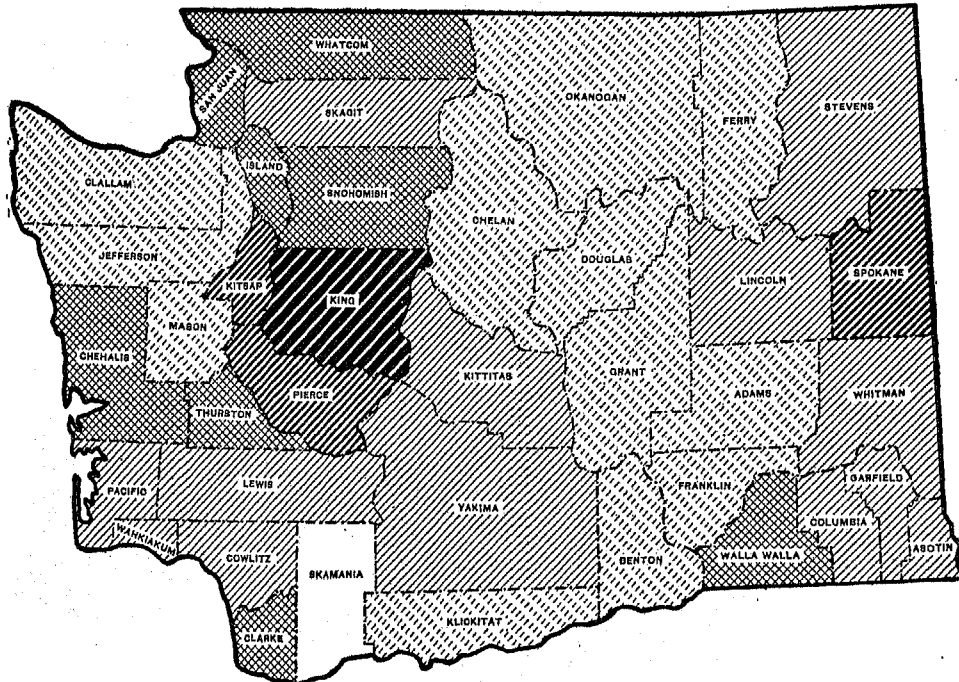
RURAL POPULATION.



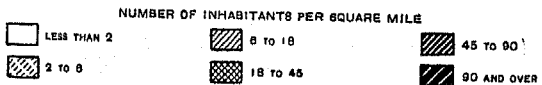
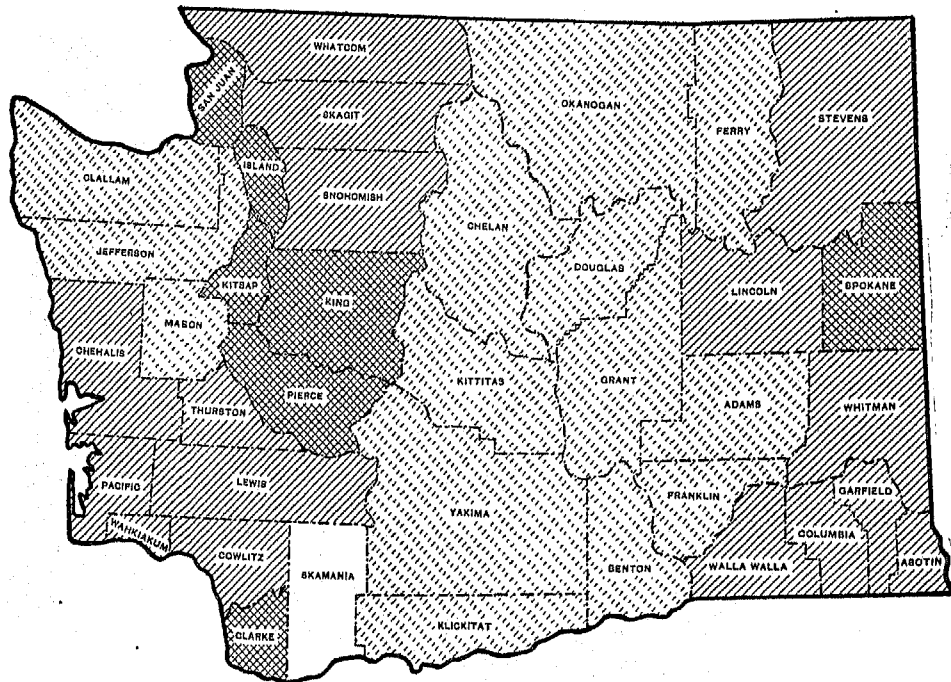
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

DENSITY OF POPULATION OF WASHINGTON, BY COUNTIES: 1910.

TOTAL POPULATION.



RURAL POPULATION.



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

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Adams County	10,820	14,840	12,098	Chehalis County	35,590	115,124	19,249
Billington precinct.....	787			Aberdeen precinct, coextensive with Aberdeen city.....	13,660		
Cow Creek precinct.....	397			Aberdeen city.....	13,660	3,747	1,638
Cunningham precinct No. 1.....	253			Ward 1.....	3,094		
Cunningham precinct No. 2, coextensive with Cunningham town ²	153			Ward 2.....	2,845		
Fairview precinct.....	368			Ward 3.....	1,331		
Fletcher precinct.....	337			Ward 4.....	2,114		
German precinct.....	443			Ward 5.....	1,638		
Gradel precinct.....	572			Ward 6.....	2,148		
Hatton precinct No. 1.....	201			Artic precinct.....	82		
Hatton precinct No. 2, coextensive with Hatton town ³	161			Axford precinct.....	6		
Lantz precinct.....	331			Block House precinct.....	155		
Lind precinct No. 1.....	362			Chepalls precinct.....	88		
Lind precinct No. 2, coextensive with Lind town ⁴	831			Coats Landing precinct.....	304		
McQueen precinct.....	439			Condie precinct.....	200		
Menno precinct.....	234			Cosmopolis precinct, including Cosmopolis town.....	1,185		
Newland precinct.....	425			Cosmopolis town.....	1,132	1,004	387
Paha precinct.....	232			Damon precinct.....	108		
Palouse precinct.....	185			East Elma precinct, including Elma town.....	2,132		
Ritzville precinct No. 1.....	844			Elma town.....	1,638	894	345
Ritzville city precinct, coextensive with Ritzville city.....	1,869			Fairview precinct.....	383		
Ritzville city ⁵	1,869	761		Fords Prairie precinct.....	140		
Ward 1.....	586			Grand Forks precinct.....	218		
Ward 2.....	769			Grove precinct.....	70		
Ward 3.....	704			Hoquiam precinct, including Hoquiam city.....	8,365		
Tabor precinct.....	206			Hoquiam city.....	8,171	2,608	1,308
Washuena precinct No. 1.....	456			Ward 1.....	1,143		
Washuena precinct No. 2, coextensive with Washuena town ⁶	300			Ward 2.....	1,876		
Willis precinct.....	550			Ward 3.....	1,061		
				Ward 4.....	1,174		
				Ward 5.....	1,321		
				Ward 6.....	1,634		
				Humtulpis precinct.....	97		
				Johns River precinct.....	143		
				Junction precinct.....	210		
				Moclips precinct.....	309		
				Montesano precinct, including Montesano city.....	2,826		
				Montesano city.....	2,488	1,194	1,682
				Oakville precinct, including Oakville town and Chehalis Indian Reservation.....	942		
				Oakville town ¹⁴	465		
				Chehalis Indian Reservation.....	154		
				Ocoota precinct, including Ocoota town.....	158		
				Ocoota town.....	127	168	
				Porter precinct.....	320		
				Quinalt precinct.....	86		
				Satson precinct.....	721		
				Simpson precinct.....	66		
				Stearnsville precinct.....	202		
				Summit precinct.....	739		
				Vesta precinct.....	68		
				West Elma precinct.....	620		
				Westport precinct.....	187		
				Wilderness precinct.....	231		
				Wilson precinct.....	129		
				Wynooche precinct.....	173		
				Quinalt Indian Reservation.....	262	193	
				Chelan County	15,104	3,931	
				Blewett precinct ¹⁵	27	102	
				Cashmere precinct, ¹⁶ including Cashmere town.....	1,834	418	
				Cashmere town ¹²	825		
				Chelan precinct, including Chelan town.....	1,257	451	
				Chelan town ¹⁴	632		
				Chelan Falls precinct ¹⁷	63		
				Chiwaukum precinct.....	55	540	
				Colockum precinct ¹⁸	210	89	
				Columbia precinct, ¹⁹ including part of Wenatchee city.....	2,450		
				Wenatchee city ²⁰ (part of).....	1,519		
				Total for Wenatchee city ²⁰ in Columbia and Wenatchee precincts.....	4,050	451	
				Entiat precinct.....	658	199	
				Lakeside precinct, ¹⁷ including Lakeside town.....	646	430	
				Lakeside town ¹²	222		
				Leavenworth precinct, including Leavenworth town.....	1,935		
				Leavenworth town ²¹	1,551		
				Malaga precinct ²²	494		

1 No comparison of population can be made; county redistricted since 1900.
 2 Incorporated in 1908.
 3 Incorporated in 1907.
 4 Incorporated in 1902.
 5 Incorporated as a city in 1906.
 6 Incorporated in 1903.
 7 Name changed from Concord in 1900. Part taken to form Vineland precinct in 1902.
 8 Name changed from Lake in 1902.
 9 Grouse precinct organized from part of Hansen Ferry precinct in 1900.
 10 Organized from part of Clarkston precinct in 1902.
 11 Organized from parts of Klickitat and Yakima Counties in 1905.
 12 Incorporated in 1904.

13 Incorporated as a city in 1909.
 14 Incorporated in 1905.
 15 Name changed from Culver in 1900.
 16 Name changed from Mission in 1904. Part taken to form part of Monitor precinct in 1906.
 17 Chelan Falls precinct organized from part of Lakeside precinct in 1908.
 18 Part taken to form part of Malaga precinct in 1903.
 19 Organized from part of Wenatchee precinct in 1903. Part taken to form part of Malaga precinct in 1908.
 20 Returned in 1900 as in Wenatchee precinct only; incorporated as a city in 1901.
 21 Incorporated in 1906.
 22 Organized from parts of Colockum and Columbia precincts in 1908.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Chelan County—Continued.				Clarke County—Continued.			
Merritt precinct ¹	76			Preston precinct.....	839	654	
Monitor precinct ²	525			Salmou Creek precinct.....	687	356	
Peshastin precinct.....	704	93		Vancouver precinct, coextensive with Van-			
Stehekin precinct.....	70	85		couver city.....	9,300	3,126	
Wenatchee precinct, ³ including part of Wenat-				<i>Vancouver city</i>	8,300	3,126	3,545
chee city.....	2,930	1,157		<i>Ward 1</i>	1,059		
<i>Wenatchee city (part of)</i>	2,551	451		<i>Ward 2</i>	2,540		
Wenatchee Lake precinct ⁴	73	355		<i>Ward 3</i>	1,817		
West Wenatchee precinct ⁴	1,091			<i>Ward 4</i>	430		
				<i>Ward 5</i>	702		
				<i>Ward 6</i>	725		
				<i>Vancouver Barracks</i>	1,424		
Clallam County	6,755	5,603	5,771	Vancouver Heights precinct ²¹	696		
Beaver precinct ⁵	83	101		Washougal precinct, including Washougal			
Belleview precinct.....	314	115		town.....	1,181	738	
Blyn precinct.....	277	148		<i>Washougal town</i> ²⁷	456		
Clallam precinct.....	58	41		Whipple Creek precinct.....	601	434	
Clallam Bay precinct ⁶	87	105		Yacolt precinct, ²⁸ including Yacolt town.....	927		
De Fuca precinct ⁷	30	76		<i>Yacolt town</i> ²⁸	455		
Dungeness precinct.....	630	455					
Eden precinct.....	205	103					
Edgewood precinct.....	117	93		Columbia County	7,042	7,128	6,709
Elwha precinct.....	74	41		Alto precinct.....	129	187	
Forks precinct.....	131	90		Brooklyn precinct, comprising ward 2 of Day-			
Gettysburg precinct.....	34	146		ton city.....	933	868	
Hoko Falls precinct.....	29	9		<i>Total for Dayton city, coextensive with Brook-</i>			
Lost Mountain precinct ¹⁰	108			<i>lyn, Dayton, and Touchet precincts</i>	2,289	2,216	1,880
Mora precinct ¹¹	33	30		<i>Ward 1</i>	538		
Neah Bay precinct, including Makah Indian				<i>Ward 2</i>	633		
Reservation.....	426	12 18		<i>Ward 3</i>	708		
<i>Makah Indian Reservation</i>	344	371		Bundy precinct.....	303	360	
Ozette precinct, ¹² including Ozette Indian				Covello precinct.....	398	427	
Reservation.....	79	14 41		Dayton precinct ²⁹ comprising ward 1 of Dayton			
<i>Ozette Indian Reservation</i>	21	16		city.....	688	1,348	
Piedmont precinct ¹³	67	26		Harmony precinct ³⁰	162	264	
Port Angeles precinct, coextensive with Port				Highland precinct ³¹	96	290	
Angeles city.....	2,286	2,321		Huntsville precinct.....	292	413	
<i>Port Angeles city:</i>				Lost Springs precinct.....	192	130	
<i>Ward 1</i>	373			McKay precinct.....	115	185	
<i>Ward 2</i>	451			Marengo precinct.....	128	124	
<i>Ward 3</i>	223			Mountain precinct.....	140	261	
<i>Ward 4</i>	377			Pine Grove precinct.....	204	137	
<i>Ward 5</i>	396			Railroad precinct ³²	633	650	
<i>Ward 6</i>	466			Smith Hollow precinct.....	143	159	
Port Crescent precinct.....	351	293		Star precinct.....	383	374	
Pysht precinct.....	26	22		Starbuck precinct, including Starbuck town.....	1,011	547	
Quillayute precinct, including Quillayute				<i>Starbuck town</i> ³³	761		
Indian Reservation.....	263	15 60		Touchet precinct, ³⁴ comprising ward 3 of Day-			
<i>Quillayute Indian Reservation</i>	183	202		ton city.....	768		
Rena precinct.....	96	190		Tuanon precinct.....	174	164	
Sequim precinct ¹⁰	776	323		Tumalum precinct ³⁵	155		
Shuwah precinct.....	33	42					
Straits precinct ¹⁷	(18)	65		Cowlitz County	12,561	12 7,877	5 5,917
Van Kuren precinct ¹⁹	77	45		Arkansas precinct.....	559	471	
Weaver precinct.....				Cougar Flat precinct.....	16	32	
				Green River precinct.....	92	60	
Clarke County	26,115	13,419	11,709	Kelso city, ³⁶ in Monticello, North Kelso, South			
Alpine precinct ²⁰	293	187		Kelso, and West Kelso precincts.....	2,039	(41)	354
Battle Ground precinct.....	752	350		Kid Valley precinct.....	31	59	
Cathlapoodie precinct ²¹	417	353		Lancaster precinct, including Woodland town.....	975	545	
Cedar Creek precinct ²²	441	298		<i>Woodland town</i> ³⁷	384		
Chelatchie precinct ²³	488	581		Martins Bluff precinct.....	307	228	
Columbia precinct, including Camas town.....	1,067	682		Mineral precinct.....	238	90	
<i>Camas town</i> ²⁴	1,125			Monticello precinct, ³⁸ exclusive of part of Kelso			
Eaton precinct.....	459	337		city.....	487	754	
Fern Prairie precinct.....	452	322		North Castle Rock precinct, ³⁹ including part of			
Fourth Plain precinct.....	843	507		Castle Rock town.....	353		
Fruit Valley precinct.....	810	772		<i>Castle Rock town (part of)</i>	300		
Harney precinct ²⁵	544	880		<i>Total for Castle Rock town in North and</i>			
La Center precinct, ²¹ including La Center town.....	985	709		<i>South Castle Rock precincts</i>	998	760	681
<i>La Center town</i> ²⁶	223			North Kalama precinct, ⁴⁰ including part of			
Laakamas precinct.....	1,333	914		Kalama town.....	803		
Lincoln precinct, including Ridgefield town.....	601	680		<i>Kalama town (part of)</i>	446		
<i>Ridgefield town</i> ²⁶	297			<i>Total for Kalama town in North and South</i>			
Manor precinct.....	704	399		<i>Kalama precincts</i>	816	554	325
Mountain View precinct ²⁸	425						
Pollock precinct.....	667	140					

1 Merritt precinct organized from part of Wenatchee Lake precinct in 1906.
 2 Organized from parts of Cashmere and West Wenatchee precincts in 1906.
 3 Parts taken to form Columbia and West Wenatchee precincts in 1903 and 1906, respectively.
 4 Organized from part of Wenatchee precinct in 1906; part taken to form part of Monitor precinct in 1906.
 5 County total includes population (16) of Dickey and Soleduck precincts, annexed to Beaver precinct; population (6) of Norman precinct, annexed to Ozette precinct, and population (28) of Fairholme and Winetown precincts, annexed to Piedmont precinct, since 1900, and population (819) of Makah, Ozette, and Quillayute Indian Reservations returned as independent in 1900.
 6 No comparison of population can be made; not returned by precincts in 1890.
 7 Dickey and Soleduck precincts annexed in 1902.
 8 Returned as East Clallam in 1900. Part taken to form Straits precinct in 1903.
 9 Returned as Colville in 1900. Part taken to form Van Kuren precinct in 1900.
 10 Lost Mountain and Sequim precincts returned as Sequim precinct in 1900.
 11 Name changed from La Push in 1909.
 12 Exclusive of population of Makah Indian Reservation.
 13 Norman precinct annexed in 1904.
 14 Exclusive of population of Ozette Indian Reservation.
 15 Fairholme and Winetown precincts annexed in 1906.
 16 Exclusive of population of Quillayute Indian Reservation.
 17 Organized from Clallam Bay precinct in 1908.
 18 No population reported.
 19 Organized from part of De Fuca precinct in 1900

20 Part taken to form part of Yacolt precinct in 1901.
 21 Part taken to form part of Mountain View precinct in 1908.
 22 Parts taken to form parts of Yacolt and Mountain View precincts in 1901 and 1908, respectively.
 23 Incorporated in 1906.
 24 Vancouver Heights precinct organized from part of Harney precinct in 1906.
 25 Incorporated in 1909.
 26 Organized from parts of Cathlapoodie, Cedar Creek, Chelatchie, and La Center precincts in 1908.
 27 Incorporated in 1908.
 28 Organized from parts of Alpine and Cedar Creek precincts in 1901.
 29 Touchet precinct organized from part of Dayton precinct in 1902.
 30 Part of Harmony precinct annexed to Railroad precinct in 1902.
 31 Tumalum precinct organized from part of Highland precinct in 1904.
 32 Incorporated in 1905.
 33 County total includes population (1,071) of Castle Rock precinct, taken to form North and South Castle Rock precincts; population (945) of Kalama precinct, taken to form North and South Kalama precincts; and population (990) of Kelso precinct, taken to form North and South Kelso precincts, since 1900.
 34 Returned in 1900 as in Kelso precinct only (population 694). Incorporated as a city in 1908.
 35 Part taken to form West Kelso precinct in 1908.
 36 Organized from part of Castle Rock precinct in 1908.
 37 Organized from part of Kalama precinct in 1908.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Cowlitz County—Continued.				Franklin County			
North Kelso precinct, ¹ exclusive of part of Kelso city.....	455			Columbia River precinct.....	104		
Oak Point precinct ²	598	815		Connell precinct.....	778		
Olequa precinct.....	485	300		Eitopia precinct.....	262		
Ostrander precinct.....	339	317		Fishhook precinct.....	316		
Owl Creek precinct.....	691	483		Kahlotus precinct, including Kahlotus town.....	400		
St. Helens precinct.....	304	135		<i>Kahlotus town</i> ¹³	182		
Silver Lake precinct.....	295	182		Leroy precinct.....	184		
South Castle Rock precinct, ³ including part of Castle Rock town.....	1,207			Mesa precinct.....	366		
<i>Castle Rock town (part of)</i>	693			Nunnamaker precinct.....	242		
South Kalama precinct, ⁴ including part of Kalama town.....	459			Paseo precinct, including Paseo town.....	2,303		
<i>Kalama town (part of)</i>	371			<i>Paseo town</i>	2,083	254	
South Kelso precinct, ¹ exclusive of part of Kelso city.....	147			Rye Grass precinct.....	223		
Stella precinct ²	522						
Tautle precinct.....	197	224		Garfield County	4,199	143,818	143,897
Upper Coweeman precinct.....	197	124		East Pomeroy precinct, including part of Pomeroy city.....	1,229	785	
West Kelso precinct, ⁵ exclusive of part of Kelso city.....	668			<i>Pomeroy city (part of)</i>	1,072	686	
Willamette precinct.....	97	52		<i>Total for Pomeroy city in East and West Pomeroy precincts</i>	1,605	953	661
				Grouse precinct ¹⁴	33	20	
Douglas County ⁶	9,227	74,926	73,161	Mayview precinct ¹⁵	472	556	
Barry precinct.....	358			Patata precinct, including Patata city.....	457	553	
Bridgeport precinct, including Bridgeport town.....	839			<i>Patata city</i>	176	167	
<i>Bridgeport town</i> ⁸	431			Peola precinct ¹⁶	202	276	
Chester precinct.....	418			Ping precinct ¹⁷	270	400	
Columbia precinct.....	322			Pleasant precinct.....	389		
Coulee City precinct.....	19			Scoggin precinct ¹⁸	195		
Douglas precinct.....	406			Tucannon precinct.....	115	150	
Dyer precinct.....	384			West Pomeroy precinct, including part of Pomeroy city.....	837	564	
Fairview precinct.....	255			<i>Pomeroy city (part of)</i>	533	263	
Farmer precinct.....	334						
Hammond precinct.....	189			Grant County ⁶	8,898		
Lake precinct.....	421			Beverly precinct.....	251		
Leahy precinct.....	545			Burke precinct.....	475		
Midland precinct.....	597			Coulee City precinct, including Coulee City town.....	440		
Minton precinct.....	84			<i>Coulee City town</i> ¹⁹	276		
Mold precinct.....	233			Ephrata precinct, including Ephrata town.....	711		
Mountain precinct.....	156			<i>Ephrata town</i> ²⁰	323		
Orondo precinct.....	123			Grand Coulee precinct.....	311		
Owens precinct.....	238			Hartline precinct, including Hartline town.....	752		
Pierpont precinct.....	368			<i>Hartline town</i> ²¹	237		
River precinct.....	65			High Hill precinct.....	142		
Sagebrush precinct.....	105			Krupp precinct.....	293		
Southside precinct.....	253			Lowgap precinct.....	358		
Steamboat Rock precinct.....	31			Mac precinct.....	138		
Trinidad precinct.....	95			Morrison precinct.....	287		
Valley precinct.....	521			Moses Lake precinct.....	330		
Waterville precinct, including Waterville town.....	1,253			Quincy precinct, including Quincy town.....	697		
<i>Waterville town</i>	960	482	293	<i>Quincy town</i> ²²	264		
Yeager precinct.....	615			Red Rock precinct.....	453		
				Soap Lake precinct.....	221		
Ferry County	4,800	4,562		Steamboat Rock precinct.....	183		
Boyd precinct.....	161			Stratford precinct.....	191		
Cutler precinct.....	407	250		Timm precinct.....	166		
Danville precinct ¹⁰	297	241		Trinidad precinct.....	94		
East Republic precinct, ¹¹ including part of Republic city.....	877			Wahluke precinct.....	93		
<i>Republic city (part of)</i>	611			Warden precinct.....	739		
<i>Total for Republic city in East and West Republic precincts</i>	999	2,050		Wheeler precinct.....	592		
Keller precinct, ¹² comprising part of Colville Indian Reservation.....	301			White Bluff precinct.....	117		
<i>Total for Colville Indian Reservation, comprising Keller and Meteor precincts, Ferry County, and Nespelem and parts of Okanogan and Omak precincts, Okanogan County</i>	1,759	1,477		Wilson Creek precinct, including Wilson Creek town.....	563		
Lake precinct.....	198			<i>Wilson Creek town</i> ²³	405		
Malco precinct.....	395			Winchester precinct.....	106		
Meteor precinct, ¹³ comprising part of Colville Indian Reservation.....	563						
Orient precinct.....	450			Island County	4,704	1,870	151,787
Pine Grove precinct.....	115			Camano precinct ²⁴	167		
Sherman precinct.....	307			Clinton precinct ²⁵	371		
Toroda precinct.....	142			Coupeville precinct, including Coupeville town.....	1,050	495	
West Republic precinct, ¹¹ including part of Republic city.....	537			<i>Coupeville town</i> ⁸	310		
<i>Republic city (part of)</i>	538			Holmes Harbor precinct ²⁴	351		
				Langley precinct.....	469	73	
				Oak Harbor precinct.....	1,097	447	
				San de Fuca precinct.....	154	97	
				Skagit Head precinct ²³	282	131	
				Useless Bay precinct ²⁴	252	167	
				Utsalady precinct ²⁵	511	460	

¹ Organized from part of Kelso precinct in 1908.
² Stella precinct organized from part of Oak Point precinct in 1908.
³ Organized from part of Castle Rock precinct in 1908.
⁴ Organized from part of Kalama precinct in 1908.
⁵ Organized from part of Monticello precinct in 1908.
⁶ Grant County organized from part of Douglas County in 1909.
⁷ No comparison of population can be made; county redistricted since 1900.
⁸ Incorporated in 1910.
⁹ County total includes population (3,318) of Republic precinct, taken to form East and West Republic precincts; and population (763) of part of Colville Indian Reservation, taken to form Keller and Meteor precincts since 1900.
¹⁰ Returned as Nelson in 1900.
¹¹ Organized from part of Republic precinct in 1900.
¹² Organized from part of Colville Indian Reservation in 1900.
¹³ Incorporated in 1907.
¹⁴ County total includes population (614) of Columbia Center precinct, taken to form Peola and Scoggin precincts since 1900.
¹⁵ No comparison of population can be made; not returned by precincts in 1890.
¹⁶ Name changed from Grand in 1904.
¹⁷ Name changed from River in 1901.
¹⁸ Organized from part of Columbia Center precinct in 1904.
¹⁹ Name changed from Meadow in 1901.
²⁰ Incorporated in 1903.
²¹ Incorporated in 1903.
²² Camano precinct organized from part of Utsalady precinct in 1908.
²³ Clinton precinct organized from part of Skagit Head precinct in 1908.
²⁴ Holmes Harbor precinct organized from part of Useless Bay precinct in 1908.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Jefferson County	8,337	15,712	28,368	King County—Continued.			
Brinnon precinct.....	306	202	225	Maple Leaf precinct.....	581		
Castile precinct ¹	18			Martin Creek precinct, including Skykomish town.....	472		
Center precinct ²	204	115	226	Skykomish town ¹³	238		
Chimacum precinct.....	229	184	172	Maury precinct.....	408		
Clearwater precinct ³	35			Maywood precinct.....	49		
Evergreen precinct ⁴	53			Meadow Gardens precinct.....	652		
Hadlock precinct ⁵	463	477	304	Medina precinct.....	350		
Irondale precinct ⁶	471			Meeker precinct.....	667		
Leland precinct.....	104	102	239	Mercer precinct.....	449		
Nordland precinct ⁷	484			Meridian precinct.....	447		
Norton precinct.....	140	72		Monahan precinct.....	352		
Pacific precinct, ⁸ including Hoh River Indian Reservation.....	88	973		Mountain View precinct.....	234		
Hoh River Indian Reservation.....	24	35		Newcastle precinct.....	834		
Port Discovery precinct.....	236	121	913	Newport precinct.....	54		
Port Ludlow precinct ⁹	639	399	268	North Bend precinct, including North Bend town.....	596		
Port Townsend precinct, coextensive with Port Townsend city.....	4,181	3,443	5,677	North Bend town ¹⁴	209		
Port Townsend city.....	4,181	3,443	4,568	Novelty precinct.....	356		
Ward 1.....	527			Oak Lake precinct.....	1,423		
Ward 2.....	1,541			Orillia precinct.....	440		
Ward 3.....	741			Osceola precinct.....	282		
Ward 4.....	899			Palmer precinct.....	214		
Ward 5.....	508			Pass precinct.....	54		
Quilcane precinct.....	483	324	274	Preston precinct.....	457		
Quinaltuf precinct ¹¹	40			Quartermaster precinct.....	524		
Tarboo precinct.....	90	37		Ravensdale precinct.....	726		
Woodman precinct.....	73	79		Redmond precinct.....	790		
King County	284,638	121,059	126,989	Renton precinct, coextensive with Renton town ¹⁵	2,740		
Aaron precinct.....	268			Richmond precinct.....	467		
Adelaide precinct.....	319			Seattle precinct, coextensive with Seattle city.....	237,194		
Albin precinct.....	140			Seattle city ¹⁶	237,194	80,671	42,837
Arthur precinct.....	216			Ward 1.....	19,311		
Auburn precinct, coextensive with Auburn town.....	957			Ward 2.....	18,235		
Auburn town.....	957	489	740	Ward 3.....	21,314		
Avondale precinct.....	272			Ward 4.....	12,255		
Bagley precinct.....	34			Ward 5.....	14,339		
Barling precinct.....	140			Ward 6.....	10,358		
Barneston precinct.....	157			Ward 7.....	54,051		
Bellevue precinct.....	566			Ward 8.....	19,570		
Berlin precinct.....	160			Ward 9.....	17,399		
Birch precinct.....	200			Ward 10.....	11,176		
Black Diamond precinct.....	2,051			Ward 11.....	12,071		
Black River precinct.....	519			Ward 12.....	14,370		
Boise precinct.....	272			Ward 13.....	16,122		
Bothell precinct, including Bothell town.....	927			Ward 14.....	15,070		
Bothell town ¹⁰	599			Sherwood precinct.....	959		
Buanna precinct.....	134			Snoqualmie precinct, including Snoqualmiew town.....	556		
Burton precinct.....	488			Snoqualmie town ¹⁷	279		
Cedar Falls precinct.....	93			South Fork precinct.....	94		
Cedar Mountain precinct.....	156			Sprague precinct.....	1,198		
Cedar River precinct.....	522			Springbrook precinct.....	488		
Cherry Valley precinct.....	489			Squak precinct.....	164		
Christopher precinct.....	635			Star Lake precinct.....	152		
Cove precinct.....	355			Stossel precinct.....	(20) 1,227		
Covington precinct.....	145			Stuck precinct, including Pacific town.....	418		
Cumberland precinct.....	535			Pacific town ¹⁸	343		
Des Moines precinct.....	357			Suise Creek precinct.....	522		
Durham precinct.....	170			Sunnydale precinct.....	365		
Eagle Gorge precinct.....	304			Tanner precinct.....	394		
Ellinson precinct.....	198			Tolt precinct.....	361		
Elliot precinct.....	119			Tukwila precinct, coextensive with Tukwila town ¹⁹	243		
Emmelaw precinct.....	1,120			Union precinct.....	827		
Fall City precinct.....	555			Valley precinct, including Muckleshoot Indian Reservation.....	175	140	
Franklin precinct.....	226			Muckleshoot Indian Reservation.....	647		
Gilman precinct.....	550			Vashon precinct.....	101		
Green River precinct.....	231			Vincen precinct.....	267		
Greenwood precinct.....	482			Webster precinct.....	106		
Hobart precinct.....	279			Wellington precinct.....	132		
Hot Springs precinct.....	54			White River precinct.....	320		
Houghton precinct.....	270			Wilberton precinct.....	335		
Inglewood precinct.....	230			Woodville precinct.....	487		
Issaquah precinct, coextensive with Issaquah town.....	628			Yesler precinct.....	782		
Issaquah town ¹⁴	471	700		Kitsap County	17,647	22,677	4,624
Juanita precinct.....	525			Bremerton precinct, ²³ coextensive with Bremerton city.....	2,993		
Kennedy precinct.....	1,908			Bremerton city: ²⁴			
Kent precinct, coextensive with Kent city.....	1,908	755	853	Ward 1.....	603		
Kent city ¹⁵	741			Ward 2.....	1,250		
Kirkland precinct, including Kirkland town.....	529			Ward 3.....	1,131		
Kirkland town ¹⁶	321			Charleston precinct, ²⁵ including Charleston town.....	1,640	594	
Krain precinct.....	100			Charleston town ²⁵	1,022	197	
Lake precinct.....	405			Colby precinct ²⁶	658	446	234
Lester precinct.....	498						
McKinley precinct.....							

¹ County total includes population (49) of Queets precinct, taken to form Evergreen precinct and parts of Castile and Clearwater precincts since 1900, and population (35) of Hoh River Indian Reservation returned as independent in 1900.
² County total includes population (42) of Irondale precinct, annexed to Hadlock precinct between 1890 and 1900; and population (38) of that part of county not located by precincts in 1890.
³ Organized from parts of Pacific and Queets precincts in 1906.
⁴ Returned as Central in 1900.
⁵ Organized from parts of Pacific and Queets precincts in 1908.
⁶ Organized from part of Queets precinct in 1906.
⁷ Irondale and Nordland precincts organized from parts of Hadlock precinct in 1902 and 1906, respectively.
⁸ Parts taken to form parts of Castile and Clearwater precincts in 1906 and 1908, respectively.
⁹ Exclusive of population of Hoh River Indian Reservation.
¹⁰ Returned as Ludlow in 1900.
¹¹ Organized from unorganized part of county in 1908.
¹² No comparison of population can be made; county redistricted since 1900.

¹³ Incorporated in 1909.
¹⁴ Name changed from Gilman in 1902.
¹⁵ Incorporated as a city in 1908.
¹⁶ Incorporated in 1905.
¹⁷ Incorporated in 1904.
¹⁸ Part of Fulton precinct annexed in 1905, Ballard city, Columbia town, West Seattle precinct, and parts of Dunlap and Duwamish precincts annexed in 1907, and Georgetown city annexed in 1910.
¹⁹ Incorporated in 1903.
²⁰ No population reported.
²¹ Incorporated in 1908.
²² County total includes population (139) of Port Madison Indian Reservation returned as independent in 1900.
²³ Bremerton precinct organized from part of Charleston precinct in 1900.
²⁴ Incorporated in 1901.
²⁵ Name changed from Port Orchard in 1903.
²⁶ Parts taken to form Harper precinct in 1908 and part of Waterman precinct in 1906.

STATISTICS OF POPULATION.

577

TABLE I.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Kitsap County—Continued.				Kllokitat County—Continued.			
Eagle Harbor precinct.....	1,055	330		Sand Ridge precinct.....	106		
Glenwood precinct.....	340	273	314	Sand Springs precinct.....	119		
Harper precinct ¹	323			Spring Creek precinct.....	507		
Holly precinct ²	120			Trout Lake precinct.....	399		
Kings-ton precinct, including Port Madison In- dian Reservation.....	631	³ 239		White Salmon precinct, coextensive with White Salmon town ⁴	682		
Port Madison Indian Reservation.....	167	189		Woodland precinct.....	311		
Olalia precinct.....	407	215	160	Precinct No. 4.....	286		
Pearson precinct ⁴	660			Precinct No. 6.....	137		
Port Blakely precinct.....	1,127	1,288	967	Lewis County.....			
Port Gamble precinct.....	730	831	836		32,127	15,157	11,499
Port Madison precinct.....	609	343	452	Agate precinct.....	253	132	
Port Orchard precinct, ⁵ including Port Orchard town.....	1,656	594	579	Ainslie precinct.....	301	138	
Port Orchard town ⁶	632	254	225	Alpha precinct.....	278	238	
Port Washington precinct ⁷	791	504	571	Big Bottom precinct.....	141	71	
Poulsbo precinct, ⁸ including Poulsbo town.....	1,410	736	254	Bolstorf precinct.....	552	424	
Poulsbo town ⁹	894			Centralia precinct, coextensive with Centralia city.....	7,311	1,600	
Seabeck precinct ¹⁰	436	235	257	Centralia city.....	7,311	1,600	2,020
Silverdale precinct ⁷	1,054			Ward 1.....	780		
Waterman precinct ¹¹	252			Ward 2.....	1,864		
United States Navy Yard ¹²	746			Ward 3.....	1,082		
				Ward 4.....	1,518		
				Ward 5.....	949		
				Ward 6.....	1,313		
Kittitas County.....	18,561	13,970	14,777	Chehalis precinct, coextensive with Chehalis city.....	4,507	1,775	
Cle Elum precinct, ¹³ coextensive with Cle Elum city.....	2,749	782		Chehalis city.....	4,507	1,775	1,509
Cle Elum city ¹⁴	2,749			East ward.....	1,149		
Ward 1.....	1,505			South ward.....	1,726		
Ward 2.....	1,246			West ward.....	1,532		
Columbia River precinct ¹⁷	60			Cinebar precinct.....	191	148	
East Kittitas precinct ¹⁷	895	688		Claquato precinct.....	1,485	540	
Easton precinct ¹⁸	493	255		Clarke precinct.....	431	689	
Ellensburg precinct, coextensive with Ellens- burg city.....	4,209	1,737		Coal Creek precinct.....	266	135	
Ellensburg city.....	4,209	1,737	2,768	Cowlitz precinct.....	420	396	
Ward 1.....	1,392			Doty precinct ¹⁹	763		
Ward 2.....	1,710			Draws Prairie precinct.....	122	120	
Ward 3.....	1,107			Dryad precinct ²⁰	831	507	
Liberty precinct.....	106	129		Eagleton precinct.....	159	103	
Manastash precinct ¹⁹	461	522		Eden precinct ²⁰	214	240	
Mountain precinct ²⁰	827	344		Ethel precinct.....	203	161	
North Kittitas precinct.....	438	366		Ferry precinct.....	139	107	
Roslyn precinct, coextensive with Roslyn town. Roslyn town.....	3,126	2,780	1,484	Forest precinct.....	351	247	
Ward 1.....	1,490	2,780		Granite precinct.....	87	82	
Ward 2.....	1,636			Greenwood precinct ²¹	367		
South Ellensburg precinct.....	1,044	674		Hanaford precinct ²²	195	200	
South Kittitas precinct.....	1,100	464		Harmony precinct.....	124	85	
South Roslyn precinct ²⁰	899			Independence precinct.....	189	151	
Swauk precinct.....	232	232		Kllokitat precinct.....	888	215	
Teanaway precinct ¹⁵	984			Kopiah precinct ²³	298		
Tunnell precinct ¹⁶	(²¹)			Lincoln Creek precinct ²⁷	279	317	
Umtanum precinct ¹⁹	161			Little Falls precinct, ²⁸ coextensive with Little Falls town.....	631	342	
West Kittitas precinct.....	977	685		Little Falls town ³⁰	631		
				Logan precinct.....	88	68	
Kllokitat County²².....	10,180	23,640	23,516	McCormick precinct ²¹	420		
Alder Creek precinct.....	422			Mauermann precinct ²⁴	370		
Alderdale precinct.....	102			Mineral precinct.....	684	103	
Appleton precinct.....	503			Morton precinct.....	496	138	
Bingen precinct.....	211			Napavine precinct.....	1,304	612	
Camas Prairie precinct.....	565			Newaukum precinct.....	289	201	
Cedar Valley precinct.....	89			Pe Ell precinct, ²⁵ coextensive with Pe Ell town.....	838	1,070	
Centerville precinct.....	548			Pe Ell town ³⁰	838		
Cleveland precinct.....	251			Prescott precinct.....	425	261	
Cliffs precinct.....	182			Randle precinct.....	203	203	
Columbus precinct.....	369			Salkum precinct.....	297	172	
Dead Canyon precinct.....	181			Salmon Creek precinct.....	442	393	
Fruit Valley precinct.....	743			Salzer precinct.....	257	131	
Gaunt precinct.....	209			Skookumchuck precinct.....	818	407	
Goldendale precinct, coextensive with Golden- dale town.....	1,203			Stillwater precinct ²⁹	332		
Goldendale town.....	1,203	738	702	Sulphur Creek precinct.....	505	220	
Hardison precinct.....	236			Tilton precinct.....	72	75	
Hartland precinct.....	163			Toledo precinct, coextensive with Toledo town. Toledo town.....	375	285	276
Husum precinct.....	395			Toledo town.....	375	285	
Lyle precinct.....	446			Union precinct.....	437	565	
Major Creek precinct.....	146			Venes precinct.....	322	141	
Pine Forest precinct.....	257			Verndale precinct.....	369	135	
Pleasant precinct.....	190			Windom precinct.....	14	169	
Rookland precinct.....	138			Winlock precinct, coextensive with Winlock town.....	1,140	655	
Roosevelt precinct.....	134						

¹ Organized from part of Colby precinct in 1903.
² Organized from part of Seabeck precinct in 1908.
³ Exclusive of population of Port Madison Indian Reservation.
⁴ Organized from parts of Poulsbo and Seabeck precincts in 1908.
⁵ Part taken to form part of Waterman precinct in 1906.
⁶ Name changed from Sidney in 1903.
⁷ Silverdale precinct organized from part of Port Washington precinct in 1906.
⁸ Name changed from Dogfish Bay in 1908. Part taken to form part of Pearson precinct in 1908.
⁹ Incorporated in 1907.
¹⁰ Parts taken to form Holly precinct and part of Pearson precinct in 1908.
¹¹ Organized from parts of Colby and Port Orchard precincts in 1906.
¹² Not located by precincts.
¹³ County total includes population (40) of Martin precinct, annexed to Easton precinct since 1900.
¹⁴ No comparison of population can be made; not returned by precincts in 1890.
¹⁵ Teanaway precinct organized from part of Cle Elum precinct in 1900.
¹⁶ Incorporated in 1904.

¹⁷ Columbia River and Tunnell precincts organized from part of East Kittitas precinct in 1908.
¹⁸ Martin precinct annexed in 1904.
¹⁹ Umtanum precinct organized from part of Manastash precinct in 1902.
²⁰ South Roslyn precinct organized from part of Mountain precinct in 1906.
²¹ No population reported.
²² Part taken to form part of Benton County in 1905.
²³ No comparison of population can be made; county redistricted in 1905.
²⁴ No comparison of population can be made; county redistricted between 1890 and 1900.
²⁵ Doty precinct organized from part of Dryad precinct in 1904.
²⁶ Returned as Eden Prairie in 1900.
²⁷ Greenwood precinct organized from part of Lincoln Creek precinct in 1902.
²⁸ Kopiah precinct organized from part of Hanaford precinct in 1906.
²⁹ Stillwater precinct organized from part of Little Falls precinct in 1906.
³⁰ Incorporated in 1906.
³¹ McCormick and Mauermann precincts organized from parts of Pe Ell precinct in 1900 and 1906, respectively.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Lincoln County	17,539	11,969	9,312	Mason County—Continued.			
Almira precinct, including Almira town.....	556			Shelton precinct No. 1, comprising part of Shelton town.....	487	435	
Almira town ²	568			Total for Shelton town, comprising Shelton precinct No. 1 and part of Shelton precinct No. 2.....	1,163	833	643
Columbia precinct.....	228			Shelton precinct No. 2, including part of Shelton town.....	1,328	955	
Gordon precinct.....	284			Shelton town (part of).....	676	308	
Grab Creek precinct.....	200			Skokomish precinct, ⁷ including Skokomish Indian Reservation.....	240	186	
Creston precinct, including Creston town.....	699			Skokomish Indian Reservation.....	193		
Creston town ³	308			Union City precinct.....	177	183	
Downs precinct.....	152			Okanogan County	12,887	4,689	11,467
Earl precinct.....	103			Anglin precinct.....	350		
East Davenport precinct, including part of Davenport town.....	505			Beeman precinct.....	268		
Davenport town (part of).....	337			Bodie precinct.....	127		
Total for Davenport town in East, North, and West Davenport precincts.....	1,229	1,000	596	Brewster precinct, including Brewster town.....	524		
Edwall precinct.....	634			Brewster town ⁸	296		
Egypt precinct.....	363			Chesaw precinct.....	452		
Enos precinct.....	218			Columbia precinct.....	265		
Flan precinct.....	121			Conconully precinct, including Conconully town.....	747		
Govan precinct.....	176			Conconully town ¹⁰	357		
Grand Coulee precinct.....	353			Ellenham precinct.....	94		
Harrington precinct, including Harrington city.....	900			Enes Valley precinct.....	257		
Harrington city ⁴	661			Golden precinct.....	115		
Indian Creek precinct.....	188			Havilah precinct.....	293		
Irby precinct.....	295			Kipling precinct.....	205		
Lamona precinct.....	442			Loomis precinct.....	501		
Lapray precinct.....	430			Malott precinct.....	291		
Larone precinct.....	246			Molson precinct.....	717		
Layton precinct.....	174			Nespelem precinct, comprising part of Colville Indian Reservation.....	540		
Miles precinct.....	271			[For total, see Keller precinct, Ferry County.]			
Mohler precinct.....	306			Okanogan precinct, including Okanogan town and part of Colville Indian Reservation.....	943		
Mondovi precinct.....	574			Colville Indian Reservation (part of).....	144		
Moscow precinct.....	336			Okanogan town ¹¹	611		
Mountain View precinct.....	171			Omak precinct, including part of Colville Indian Reservation.....	911		
North Davenport precinct, including part of Davenport town.....	489			Colville Indian Reservation (part of).....	211		
Davenport town (part of).....	547			Oroville precinct, including Oroville town.....	773		
North Sprague precinct, including part of Sprague city.....	764			Oroville town ¹²	495		
Sprague city (part of).....	203			Paradise precinct.....	101		
Total for Sprague city in North and South Sprague precincts.....	1,110	695	1,089	Pateros precinct.....	557		
North Wilbur precinct, including part of Wilbur town.....	487			Pine Creek precinct.....	134		
Wilbur town (part of).....	234			Riverside precinct.....	481		
Total for Wilbur town in North and South Wilbur precincts.....	757	686	410	Silver precinct.....	356		
Odessa precinct, including Odessa town.....	1,482			Similkameen precinct.....	107		
Odessa town ⁴	685			Spring Coulee precinct.....	157		
Paach precinct.....	242			Squaw Creek precinct.....	177		
Reardan precinct, including Reardan town.....	989			Tonasket precinct.....	416		
Reardan town ⁵	587			Tunk Creek precinct.....	372		
Rocklyn precinct.....	223			Twisp precinct, including Twisp town.....	685		
Sedalla precinct.....	209			Twisp town ¹³	227		
Sherman precinct.....	184			Wauconda precinct.....	307		
South Sprague precinct, including part of Sprague city.....	1,078			Winthrop precinct.....	684		
Sprague city (part of).....	907			Pacific County	12,532	5,983	4,358
South Wilbur precinct, including part of Wilbur town.....	719			Bay Center precinct.....	446	338	
Wilbur town (part of).....	473			Bruceport precinct.....	36	86	
Waukon precinct.....	394			Chinook precinct.....	620	740	
Welch Creek precinct.....	174			Frances precinct.....	472		
West Davenport precinct, including part of Davenport town.....	673			Frankfort precinct.....	223	129	
Davenport town (part of).....	545			Iiwaco precinct, including Iiwaco town.....	873	969	
Wilson Creek precinct.....	324			Iiwaco town.....	664	584	517
Yarwood precinct.....	184			Knappton precinct.....	210	156	
Mason County	5,156	3,810	2,826	Lebam precinct ¹⁴	792	241	
Allyn precinct ⁶	226	109		Long Beach precinct.....	363	273	
Arcadia precinct, including Squaxon Island Indian Reservation.....	140	108		Menlo precinct ¹⁵	644		
Squaxon Island Indian Reservation.....	80			Nahcotta precinct.....	328	161	
Clifton precinct.....	77	86		Nasel precinct.....	500	197	
Cloquallum precinct.....	393	55		Nema precinct.....	64	79	
Dayton precinct.....	516	358		North Cove precinct.....	172	96	
Detroit precinct ⁷	69			North River precinct.....	81	49	
Dewatto precinct.....	76	150		Oysterville precinct.....	110	156	
Eells precinct ⁸	68			Pluvius precinct ¹⁶	251	35	
Hartline precinct.....	112	90		Raymond precinct, ¹⁷ including Raymond city.....	2,593	84	
Hoodsport precinct ⁹	84	109		Raymond city ¹¹	2,460		
Kamliche precinct.....	500	419		Salmon Creek precinct.....	170	51	
Lillwauw precinct.....	82	39		Smith Creek precinct.....	112	44	
Matlock precinct.....	180	339		South Bend precinct No. 1, comprising part of South Bend city.....	1,844	777	
Pickering precinct.....	53	35		South Bend city (part of).....	1,844	711	
Potlatch precinct ⁸	242			Total for South Bend city, ¹⁸ comprising South Bend precinct No. 1 and part of South Bend precinct No. 2.....	3,688	711	
Satsop precinct.....	116	100					

¹ No comparison of population can be made; county redistricted since 1900.

² Incorporated in 1904.

³ Incorporated in 1903.

⁴ Incorporated in 1902.

⁵ No comparison of population can be made; not returned by precincts in 1890.

⁶ Detroit precinct organized from part of Allyn precinct in 1908.

⁷ Eells precinct organized from part of Skokomish precinct in 1908.

⁸ Potlatch precinct organized from part of Hoodsport precinct in 1904.

⁹ Incorporated in 1910.

¹⁰ Incorporated in 1908.

¹¹ Incorporated in 1907.

¹² Incorporated in 1909.

¹³ County total includes population (12) of Elk Creek precinct, annexed to Pluvius precinct since 1900.

¹⁴ Name changed from Half Moon in 1908. Part taken to form part of Menlo precinct in 1902.

¹⁵ Organized from parts of Lebam and Willapa precincts in 1902.

¹⁶ Elk Creek precinct annexed in 1906.

¹⁷ Name changed from Riverside in 1904.

¹⁸ Returned in 1900 as in South Bend precinct No. 1 only.

STATISTICS OF POPULATION.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Pacific County—Continued.				Pierce County—Continued.			
South Bend precinct No. 2, ¹ including part of South Bend city	1,200	481		Summer precinct, including Summer town	1,620	826	
South Bend city (part of)	1,179			Summer town	892	631	580
Sunshine precinct	102	70		Tacoma precinct, coextensive with Tacoma city	83,743	37,714	
Willapa precinct	386	506		Tacoma city ²³	83,743	37,714	36,009
				Ward 1	8,038		
Pierce County	120,812	455,615	50,940	Ward 2	10,333		
Alder precinct ⁶	557			Ward 3	17,524		
Alderton precinct	176	160		Ward 4	14,878		
Anderson Island precinct	118	95		Ward 5	15,196		
Artondale precinct	606	231		Ward 6	6,291		
Breckon precinct	467	115		Ward 7	5,872		
Buckley precinct, including Buckley town	2,061	1,297		Ward 8	6,112		
Buckley town	1,272	1,014		Tanwax precinct ¹²	414	289	
Burnett precinct ⁷	396			Vaughn precinct	297	297	
Carbonado precinct ⁸	1,215	1,140		Wilkeson precinct, ⁹ including Wilkeson town	1,437	969	
Dieringer precinct	167	89		Wilkeson town ¹⁰	899		
Dupont precinct ⁹	549			Mount Rainier National Park	33		
Earle precinct ¹⁰	468			San Juan County	3,603	2,928	2,072
Edgewood precinct ¹¹	476	181		Blakely precinct	86	56	
Elbe precinct ⁶	247			Lopez precinct No. 1	317	267	
Fairfax precinct ⁸	311	167		Lopez precinct No. 2	370	286	
Fox Island precinct	233	98		Orcas precinct No. 1	482	343	
Gig Harbor precinct	615	304		Orcas precinct No. 2	454	308	
Hillhurst precinct	427	219		Orcas precinct No. 3	183	122	
Holz precinct ¹²	273			San Juan precinct No. 1	353	347	
Hunts Prairie precinct ¹³	143	292		San Juan precinct No. 2, including Friday Harbor town	817	615	
Kapowsin precinct	896	2		Friday Harbor town ¹⁴	400		
Lake Bay precinct	348	200		San Juan precinct No. 3	265	315	
Lake City precinct ⁸	238	207		Shaw precinct	84	81	
Lake Tapps precinct	303	82		Stewart Island precinct	62	51	
Lake View precinct	301	343		Waldron precinct	130	77	
Larchmont precinct ¹⁴	927			Skagit County	29,241	14,272	8,747
Long Branch precinct	310	199		Anacortes precinct, ²⁰ including Anacortes city	4,196		
McKenna precinct ¹⁵	657			Anacortes city	4,168	1,476	1,131
McMillin precinct	197	168		Ward 1	1,496		
McNells Island precinct	459	210		Ward 2	1,620		
Melmont precinct ¹⁶	235			Ward 3	1,040		
Midland precinct ¹⁶	842	202		Avon precinct	893		
Milton precinct, ¹⁷ including Milton town	493			Bay View precinct	521		
Milton town ¹⁸	448			Bellefleur precinct	493		
Minter precinct	157	74		Birdsview precinct	266		
Muck precinct	750	255		Bow precinct	533		
Nisqually precinct	497	61		Cascade precinct	205		
Ohop precinct, ¹⁹ including Eatonville town	1,031	135		Clear Lake precinct	1,053		
Eatonville town ¹⁹	754			Conway precinct	1,107		
Orting precinct, ²⁰ including Orting town	1,240	1,065	635	Cullum precinct, including Concrete town	1,297		
Orting town	799	728		Concrete town ¹⁹	645		
Parkland precinct	952	293		Cypress precinct	22		
Purdy precinct	208	86		East Mount Vernon precinct, including part of Mount Vernon city	1,015		
Puyallup precinct, including Puyallup city	4,969	2,255	1,793	Mount Vernon city (part of)	811		
Puyallup city	4,544	1,834		Total for Mount Vernon city in East, North, South, and West Mount Vernon precincts	2,381	1,180	770
Ward 1	1,284			Ferry precinct	4		
Ward 2	1,763			Fidalgó precinct	402		
Ward 3	1,497			Fidalgó City precinct, including Swinomish Indian Reservation	285		
Regents Park precinct ²¹	366			Swinomish Indian Reservation	290	275	
Reservation precinct ²²	944	855		Fir precinct	552		
Rhodes Lake precinct	171	120		Fredonia precinct	220		
Rosedale precinct	396	124		Guernes precinct	166		
Roy precinct, ²³ including Roy town and part of Nisqually Indian Reservation	762	635		Hamilton precinct, including Hamilton town	735		
Roy town ²⁴	315			Hamilton town	405	392	203
Nisqually Indian Reservation (part of)	49			Harmony precinct	647		
Total for Nisqually Indian Reservation in Roy precinct, Pierce County, and Yelm precinct, Thurston County	63			La Conner precinct, including La Conner town	1,086		
Ruston precinct, ²⁵ coextensive with Ruston town	780	305		La Conner town	608	564	398
Ruston town ²⁵	780			Lake precinct	508		
Silver Lake precinct	197	214		Lang precinct	110		
Soldiers' Home precinct ²⁶	354			Lookout precinct	185		
South Orting precinct	235	45		Lyman precinct, including Lyman town	1,091		
South Prairie precinct, ⁷ including South Prairie town	748	688		Lyman town ¹⁹	441		
South Prairie town ¹⁹	264			McMurray precinct, including McMurray town	563		
Spanaway precinct	796	505		McMurray town ²¹	377		
Stellacoom precinct, ²¹ including Stellacoom town	2,006	1,084		Mansford precinct	60		
Stellacoom town	450	274	270	Montborne precinct	217		
				Mount Baker precinct	255		

1 Name changed from Alta Vista in 1905.
 2 Returned in 1900 as in South Bend precinct No. 1 only.
 3 Part taken to form part of Menlo precinct in 1902.
 4 County total includes population (526) of Fern Hill precinct, part taken to form Larchmont precinct, and part annexed to Tacoma city; population (97) of Junction precinct, taken to form Alder and Elbe precincts; and population (80) of Mountain View precinct, annexed to Roy precinct, since 1900.
 5 No comparison of population can be made; county redistricted between 1890 and 1900.
 6 Organized from part of Junction precinct in 1906.
 7 Burnett precinct organized from part of South Prairie precinct in 1908.
 8 Melmont precinct organized from parts of Carbonado, Fairfax, and Wilkeson precincts in 1908.
 9 Dupont precinct organized from part of Lake City precinct in 1909.
 10 Organized from part of Reservation precinct in 1908.
 11 Name changed from Morse in 1908. Part taken to form Milton precinct in 1906.
 12 Holz precinct organized from parts of Ohop and Tanwax precincts in 1908.
 13 Parts annexed to Tacoma city in 1907 and 1909.
 14 Organized from part of Fern Hill precinct in 1909; part annexed to Tacoma city in 1909.
 15 Organized from part of Roy precinct in 1908.
 16 Part annexed to Tacoma city in 1909.
 17 Organized from part of Edgewood precinct in 1906.
 18 Incorporated in 1907.
 19 Incorporated in 1909.
 20 Soldiers' Home precinct organized from part of Orting precinct in 1902.
 21 Regents Park precinct organized from part of Stellacoom precinct in 1906.
 22 Part taken to form Earle precinct in 1908 and part annexed to Tacoma city in 1907.
 23 Part taken to form McKenna precinct in 1908; Mountain View precinct annexed in 1902.
 24 Incorporated in 1908.
 25 Returned as Smelter in 1900.
 26 Incorporated in 1905.
 27 Exclusive of population (731) of Western Washington Hospital for Insane, returned in Stellacoom town in 1900.
 28 Part of Reservation precinct annexed in 1907, parts of Hunts Prairie precinct annexed in 1907 and 1909, and parts of Fern Hill, Larchmont, and Midland precincts annexed in 1909.
 29 No comparison of population can be made; county redistricted since 1900.
 30 Name changed from Ship Harbor in 1902.
 31 Incorporated in 1910.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Skagit County—Continued.				Snohomish County—Continued.			
North Burlington precinct, including part of Burlington city	975			Marsh precinct	340		
Burlington city (part of)	549			Marysville precinct, coextensive with Marysville city	1,239		
Total for Burlington city ¹ in North and South Burlington precincts	1,524			Marysville city	1,239	723	262
North Mount Vernon precinct, including part of Mount Vernon city	348			Meadowdale precinct	312		
Mount Vernon city (part of)	558	441		Milton precinct	1,146		
Parley precinct	62			Monroe precinct, coextensive with Monroe city ¹	1,552		
Pingree precinct	141			Monte Cristo precinct	81		
Point Williams precinct	96			Muklteo precinct	724		
Prairie precinct	295			Norden precinct	256		
Samish precinct	751			Oso precinct	545		
Sauk precinct	383			Port Susan precinct	233		
Sedro-Woolley precinct, including Sedro-Woolley city	3,590			Richmond precinct	232		
Sedro-Woolley city	2,129	885		Robe precinct	185		
Ward 1	557			Roosevelt precinct	344		
Ward 2	356			Sexton precinct	392		
Ward 3	716			Shorts precinct	251		
Sinclair precinct	50			Shoultes precinct	512		
South Burlington precinct, including part of Burlington city	1,076			Silvana precinct	943		
Burlington city (part of)	753			Silverton precinct	99		
South Mount Vernon precinct, including part of Mount Vernon city	1,105			Skykomish precinct	257		
Mount Vernon city (part of)	354	326		Snohomish precinct, coextensive with Snohomish city	3,244		
Tingley precinct	232			Snohomish city	5,244	2,101	1,963
West Mount Vernon precinct, including part of Mount Vernon city	604			Ward 1	1,038		
Mount Vernon city (part of)	390	153		Ward 2	1,011		
				Ward 3	1,145		
Skamania County				South Snohomish precinct	280		
Cape Horn precinct ²	662	258		Standby precinct	559		
Cascades precinct	93	133		Stanwood precinct, coextensive with Stanwood city ²	544		
Chenoweth precinct	297	355		Sultan precinct, coextensive with Sultan town	576		
St. Helens precinct ³	1			Sultan River precinct	460		
Skye precinct ⁴	102	115		Three Lakes precinct	511		
Stevenson precinct, including Stevenson town	333	338		Trafton precinct	372		
Stevenson town ⁴	337			Tualco precinct	630		
Underwood precinct	258	130		Tulalip precinct, including Tulalip Indian Reservation	781		
Wind Mountain precinct	166	149		Tulalip Indian Reservation	577	468	
Wind River precinct	475	205		Union precinct	561		
				Wallace precinct	589		
				Welangdon precinct	860		
				Whaleback precinct	110		
				Wood precinct	104		
Snohomish County				Spokane County			
	59,209	23,950	8,514	Blanchard township	116		
Allen precinct	446			Buckeye township	230		
Arlington precinct, coextensive with Arlington city ⁵	1,476			Chatlaroy township	525		
Armstrong precinct	989			Cheney town	1,207	751	647
Bear Creek precinct	166			Chester township	481		
Bryant precinct	369			Colbert township	468		
Cathcart precinct	339			Coulee township	505		
Cedarhome precinct	771			Deep Creek township	382		
Centerville precinct	286			Deer Park city ⁶	875		
Cliff precinct	450			Deer Park township	381		
Darrington precinct	344			Danison township	470		
Edgewood precinct	370			Duncan township	339		
Edmonds precinct, coextensive with Edmonds city	1,114			East Cheney township	305		
Edmonds city	1,114			Elk township	668		
Everett precinct, coextensive with Everett city	24,814	474		Espanola township	399		
Everett city	24,814	7,858		Fairfield town ⁷	308		
Ward 1	4,259			Fairfield township	452		
Ward 2	3,407			Five Mile township	950		
Ward 3	3,129			Freeman township	482		
Ward 4	4,078			Graves township	238		
Ward 5	4,289			Green Bluff township	509		
Ward 6	3,013			Greenacres township	729		
Ward 7	2,959			Hillyard city ⁴	3,276		
Fernwood precinct	438			Latah town	339	253	232
Florence precinct	481			Latah township	468		
Galena precinct	28			McIntosh township	787		
Getchell precinct	565			Marshall township	757		
Gold Bar precinct	246			Mead township	1,137		
Granite Falls precinct, coextensive with Granite Falls city ⁶	714			Meadow Lake township	916		
Gregory precinct	398			Medical Lake town	1,730	516	617
Hartford precinct	914			Mica township	280		
Hazel precinct	187			Milan township	590		
Index precinct, coextensive with Index city ⁴	417			Moran township	791		
Irving precinct	249			Mount Carleton township	37		
Lake precinct	152			Mount Hope township	443		
Lake Goodwin precinct	106			Newman township	566		
Lowell precinct	1,007			Nine Mile township	210		
Ludwig precinct	485			Opportunity township	1,928		
Machias precinct	836			Peone township	320		
Maltby precinct	261			Pioneer township	214		
				Plaza township	431		
				Pleasant Prairie township	868		

¹ Incorporated in 1902.
² Not returned by precincts in 1890.
³ St. Helens precinct organized from parts of Cape Horn and Skye precincts in 1904.
⁴ Incorporated in 1907.

⁵ No comparison of population can be made; county redistricted since 1900.
⁶ Incorporated in 1904.
⁷ No comparison of population can be made; county redistricted in 1909.
⁸ Incorporated in 1908.
⁹ Incorporated in 1905.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Spokane County—Continued.				Stevens County—Continued.			
Rock Creek Valley township.....	405			Spring Valley precinct.....	495		
Rock Lake township.....	327			Springdale precinct, including Springdale town.....	533		
Rockford town.....	663	433	644	<i>Springdale town</i> ⁴	851		
South Moran township.....	584			Squaw Creek precinct.....	332		
Spangle town.....	299	331	303	Stranger Creek precinct.....	249		
Spangle township.....	499			Summit precinct.....	270		
Spence township.....	507			Tiger precinct.....	123		
Spokane city ¹	104,402	80,848	19,922	Valley precinct.....	643		
<i>Ward 1</i>	26,120			Walkers Prairie precinct.....	209		
<i>Ward 2</i>	18,054			White Lake precinct.....	181		
<i>Ward 3</i>	15,442			Williams precinct.....	103		
<i>Ward 4</i>	21,011			Williams Valley precinct.....	211		
<i>Ward 5</i>	24,976			Yocum precinct.....	189		
Stevens township.....	474			Spokane Indian Reservation.....	596	589	
Tyler township.....	421						
Valleyford township.....	585			Thurston County.....	17,581	9,927	79,676
Waverly city ²	318			Black Lake precinct.....	177	141	
Waverly township.....	428			Bucoda precinct.....	855	700	
Wayside township.....	620			Chambers Prairie precinct ³	366	502	
West Cheney township.....	531			Gate City precinct.....	223	223	
West Spokane township.....	1,184			Grand Mound precinct ⁵	394	270	
				Gull Harbor precinct.....	260	143	
Stevens County.....	25,297	210,543	34,341	Little Rock precinct.....	1,125	510	
Addy precinct.....	608			McIntosh precinct ¹⁰	53		
Arden precinct.....	407			McLane precinct.....	230	250	
Barstow precinct.....	212			Maxfield precinct.....	237	128	
Basin precinct.....	327			Mud Bay precinct.....	367	333	
Beglin precinct.....	167			Olympia precinct, coextensive with Olympia city.....	6,996	4,082	
Blue Creek precinct.....	320			<i>Olympia city</i> ¹¹	6,996	3,865	4,698
Bossburg precinct.....	267			<i>Ward 1</i>	1,039		
Boundary precinct.....	91			<i>Ward 2</i>	664		
Bruce Creek precinct.....	186			<i>Ward 3</i>	1,446		
Callspel precinct.....	267			<i>Ward 4</i>	1,611		
Camden precinct.....	220			<i>Ward 5</i>	1,415		
Chewelah precinct, including Chewelah town.....	1,700			<i>Ward 6</i>	774		
<i>Chewelah town</i> ⁴	823			Peninsula precinct ¹¹	129		
Clayton precinct.....	505			Rainier precinct.....	646	292	
Columbia precinct.....	579			Rochester precinct ⁹	831	189	
Colville precinct, including Colville city.....	2,218			South Bay precinct ⁸	342	202	
<i>Colville city</i>	1,533	694	639	South Union precinct.....	480	373	
<i>Ward 1</i>	427			Tenino precinct, ¹² including Tenino town.....	1,424	341	
<i>Ward 2</i>	477			<i>Tenino town</i> ¹³	1,038		
<i>Ward 3</i>	619			Tumwater precinct, including Tumwater town.....	1,084	637	
Cronin precinct.....	258			<i>Tumwater town</i>	490	270	410
Daisy precinct.....	322			Woodland precinct ³	733		
Dalkena precinct.....	252			Yelm precinct, including part of Nisqually Indian Reservation.....	605	521	
Deep Creek precinct.....	119			<i>Nisqually Indian Reservation (part of)</i>	14		
Deer Trail precinct.....	115			[For total, see Roy precinct, Pierce County.]			
Diamond Lake precinct.....	158			Wahkiakum County.....	3,285	13,819	72,526
Doyle precinct.....	187			Altoona precinct ¹⁴	188		
Echo precinct.....	321			Brookfield precinct ¹⁴	231	477	
Fertile Valley precinct.....	123			Cathlamet precinct, including Cathlamet town.....	788		
First Thought precinct.....	145			<i>Cathlamet town</i> ²	352		
Flat Creek precinct.....	126			Crooked Creek precinct.....	94	96	
Forest Center precinct.....	209			Deep River precinct.....	369	297	
Frontier precinct.....	108			Eureka precinct.....	111	241	
Gardenspot precinct.....	132			Grays River precinct.....	409	300	
Godfrey precinct.....	345			Puget Island precinct.....	165	197	
Harvey Creek precinct.....	186			Seal River precinct.....	289	542	
Hunters precinct.....	321			Skamokawa precinct.....	641		
Iona precinct, including Iona town.....	1,686						
<i>Iona town</i> ⁶	674			Walla Walla County.....	31,931	16,680	712,224
Johnston precinct.....	125			Baker precinct ¹⁶	1,857	737	
Kettle Falls precinct, including Kettle Falls town.....	824			Braden precinct ¹⁷	625		
<i>Kettle Falls town</i>	377	297		Berney precinct ¹⁷	1,094		
Lake Creek precinct.....	175			Clyde precinct.....	699	521	
Le Clerc precinct.....	245			Coppel precinct.....	218	283	
Little Dalles precinct.....	188			Dixie precinct.....	625	544	
Loon Lake precinct.....	531			Eureka precinct.....	499	313	
McLaughlin precinct.....	413			Frenchtown precinct.....	375	246	
Marcus precinct.....	481			Hadley precinct.....	249	229	
Metalline precinct.....	238			Hill precinct.....	593	237	
Meyers Falls precinct.....	663			Lincoln precinct ¹⁸	333		
Mill Creek precinct.....	306			Lower Dry Creek precinct.....	183	146	
Narcisse precinct.....	119			Lower Touchet precinct.....	120	77	
Newport precinct, including Newport town.....	1,640			Mill Creek precinct.....	227	231	
<i>Newport town</i> ⁴	1,199			Prescott precinct, ¹⁸ coextensive with Prescott town.....	502	657	
Nigger Creek precinct.....	27			<i>Prescott town</i> ⁴	808		
Northport precinct, including Northport city.....	692			Ritz precinct ¹⁹	2,073	1,310	
<i>Northport city</i>	476	787					
Old Dominion precinct.....	280						
Orin precinct.....	338						
Riverside precinct.....	334						
Rock Cut precinct.....	110						
Rocky Ford precinct.....	87						
Ruby precinct.....	94						

¹ Parts of Five Mile, Marshall, Mead, Moran, and Opportunity precincts annexed in 1907.
² Incorporated in 1907.
³ No comparison of population can be made; county redistricted in 1906.
⁴ Incorporated in 1903.
⁵ Incorporated in 1910.
⁶ County total includes population (81) of Meadow precinct, annexed to Grand Mound and Rochester precincts since 1900.
⁷ Not returned by precincts in 1890.
⁸ Woodland precinct organized from parts of Chambers Prairie and South Bay precincts in 1902.
⁹ Part of Meadow precinct annexed in 1907.
¹⁰ McIntosh precinct organized from part of Tenino precinct in 1908.

¹¹ Peninsula precinct organized from part of Olympia city in 1908.
¹² Incorporated in 1906.
¹³ County total includes population (689) of Cathlamet and Puget Island precincts, not returned separately in 1900.
¹⁴ Altoona precinct organized from part of Brookfield precinct in 1908.
¹⁵ County total includes population (987) of Small precinct, part annexed to Walla Walla city and parts taken to form parts of Braden and Berney precincts since 1900, and population (10,049) of Walla Walla city returned as independent in 1900.
¹⁶ Part annexed to Walla Walla city in 1908.
¹⁷ Organized from parts of Ritz and Small precincts in 1909.
¹⁸ Lincoln precinct organized from part of Prescott precinct in 1908.
¹⁹ Parts taken to form parts of Braden and Berney precincts in 1909; and part annexed to Walla Walla city in 1907.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Walla Walla County—Continued.				Whitman County—Continued.			
Russell Creek precinct.....	184	168		Cottonwood precinct.....	447		
Two Rivers precinct ¹	373			Diamond precinct.....	348		
Waitsburg precinct, coextensive with Waitsburg city.....	1,237	1,011		Dusty precinct.....	419		
Waitsburg city.....	1,237	1,011	877	Elberton precinct.....	340		
Walla Walla city, coextensive with Clarke, Fremont, Green Park, Lewis, Mullan, Pina, Sharpstein, Sims, Steptoe, Stevens, Thora, Whitman, and Willow precincts.....	19,364			Endicott precinct.....	469		
Walla Walla city ²	10,364	10,049	4,709	Ewartsville precinct.....	270		
Ward 1.....	6,192			Farmington precinct.....	389		
Ward 2.....	6,184			Garfield precinct.....	722		
Ward 3.....	4,999			Guy precinct.....	488		
Ward 4.....	4,049			Harper precinct.....	462		
Wallula precinct.....	638	437		Hay precinct.....	284		
Washington precinct.....	463	497		Hooper precinct.....	224		
				Johnson precinct.....	365		
Whatcom County.....				La Crosse precinct.....	641		
	49,511	24,116	18,591	Lone Pine precinct.....	316		
Baker precinct.....	504			Matlock precinct.....	283		
Barron precinct.....	(*)			North Colfax precinct.....	665		
Bellingham precinct, coextensive with Bellingham city.....	24,298			Oakesdale precinct.....	628		
Bellingham city ³	24,298	11,002	8,156	Oncho precinct.....	263		
Ward 1.....	4,962			Palouse precinct.....	499		
Ward 2.....	6,747			Pampa precinct.....	146		
Ward 3.....	4,863			Penawawa precinct.....	146		
Ward 4.....	5,323			Pine City precinct.....	498		
Ward 5.....	2,375			Pullman precinct.....	425		
Ward 6.....	2,023			Rock Creek precinct.....	437		
Bennett precinct.....	251			Rosalia precinct.....	527		
Birch Bay precinct.....	703			Russell precinct.....	116		
Blaine precinct, coextensive with Blaine city.....	2,289			St. John precinct.....	593		
Blaine city.....	2,289	1,592	1,563	Seats precinct.....	253		
Ward 1.....	709			South Colfax precinct.....	671		
Ward 2.....	720			Staley precinct.....	159		
Ward 3.....	860			Steptoe precinct.....	341		
Cedar precinct.....	53			Sunset precinct.....	265		
Chuckanut precinct.....	78			Tekoa precinct.....	282		
Clearbrook precinct.....	689			Texas precinct.....	316		
Columbia Valley precinct.....	272			Thornton precinct.....	556		
Crescent precinct.....	200			Turnbow precinct.....	689		
Custer precinct.....	722			Union precinct.....	511		
Delta precinct.....	625			Uniontown precinct.....	452		
Doming precinct.....	540			Winona precinct.....	624		
Eldridge precinct.....	955			Precinct 33, coextensive with St. John town ⁷	421		
Eliza Island precinct.....	7			Precinct 35, comprising ward 2 of Colfax city.....	907		
Excelsior precinct.....	510			Total for Colfax city, coextensive with precincts 33, 34, and 35.....	2,785	2,121	1,649
Ferndale precinct, including Ferndale town.....	1,941			Ward 1.....	875		
Ferndale town ⁴	681			Ward 2.....	907		
Ferry precinct.....	408			Ward 3.....	905		
Goshen precinct.....	544			Precinct 37, coextensive with Tekoa town.....	1,094		
Harrison precinct.....	279			Tekoa town.....	1,094	717	501
Kendall precinct.....	193			Precinct 38, coextensive with Rosalia town.....	767		
Lake precinct.....	381			Rosalia town.....	767	370	248
Laurel precinct.....	795			Precinct 39, coextensive with Uniontown town.....	426		
Licking precinct.....	462			Uniontown town.....	426	404	270
Lummi Island precinct.....	248			Precinct 40, coextensive with Oakesdale town.....	882		
Maple precinct.....	499			Oakesdale town.....	882	688	528
Matietta precinct.....	356			Precinct 41, comprising ward 1 of Pullman city.....	700		
Meridian precinct.....	456			Total for Pullman city, coextensive with precincts 41, 51, and 51.....	2,008	1,303	808
Mountain View precinct.....	711			Ward 1.....	700		
Nooksack precinct.....	1,359			Ward 2.....	751		
North Lynden precinct, including part of Lynden town.....	1,591			Ward 3.....	1,151		
Lynden town (part of).....	733			Precinct 42, coextensive with Garfield town.....	932		
Total for Lynden town in North and South Lynden precincts.....	1,148	365	560	Garfield town.....	932	697	317
Park precinct.....	171			Precinct 43, coextensive with Farmington town.....	489		
Point Roberts precinct.....	350			Farmington town.....	489	434	418
Prairie precinct.....	110			Precinct 44, East Palouse, comprising part of Palouse city.....	811		
Roeder precinct.....	337			Total for Palouse city, coextensive with precincts 44 and 52.....	1,549	920	1,119
Rome precinct.....	652			Precinct 45, coextensive with Colton town.....	393	251	
Saxon precinct.....	639			Precinct 46, comprising ward 1 of Colfax city.....	673		
Semlahmoo precinct.....	204			Precinct 51, comprising ward 2 of Pullman city.....	751		
Slate precinct.....	(*)			Precinct 52, West Palouse, comprising part of Palouse city.....	738		
South Lynden precinct, including part of Lynden town.....	735			Precinct 53, comprising ward 3 of Colfax city.....	903		
Lynden town (part of).....	415			Precinct 56, coextensive with Elberton town.....	330	207	
Sumas precinct, including Sumas city.....	1,396			Precinct 64, comprising ward 3 of Pullman city.....	1,151		
Sumas city.....	909	319		Precinct 65, coextensive with Endicott town ⁸	474		
Ten Mile precinct.....	743			Precinct 66, coextensive with Malden town ⁹	798		
Trail precinct.....	202			Precinct 67, coextensive with Albion town ¹⁰	276		
Valley precinct.....	11						
Wahl precinct.....	300			Yakima County¹¹.....			
Woodland precinct.....	262				41,709	12,13,462	12,4,429
Lummi Indian Reservation.....	415	359		Ahtanum precinct.....	481		
				Alfalfa precinct.....	81		
Whitman County.....				Belma precinct, including Grandview city.....	1,771		
	33,280	25,360	19,109	Grandview city ¹²	380		
Almota precinct.....	220			Cowiche precinct.....	895		
Bald Butte precinct.....	156			Divide precinct.....	120		
Belmont precinct.....	224			East Selah precinct.....	171		
Bethel precinct.....	362			East Sunnyside precinct, including part of Sunnyside city.....	1,989		
Branham precinct.....	398			Sunnyside city (part of).....	1,041		
Clinton precinct.....	248			Total for Sunnyside city ¹³ in East Sunnyside and West Sunnyside precincts.....	1,379		
Colton precinct.....	328				1,102		

¹ Two Rivers precinct organized from part of Wallula precinct in 1908.
² Parts of Small, Ritz, and Baker precincts annexed in 1906, 1907, and 1908, respectively.
³ No comparison of population can be made; county redistricted since 1900.
⁴ No population reported.
⁵ Fairhaven and New Whatcom cities consolidated under the name of Bellingham city in 1903.
⁶ Incorporated in 1907.
⁷ Incorporated in 1904.
⁸ Incorporated in 1905.
⁹ Incorporated in 1909.
¹⁰ Incorporated in 1910.
¹¹ Part taken to form part of Benton County in 1905.
¹² No comparison of population can be made; county redistricted in 1907.
¹³ Incorporated in 1902.

STATISTICS OF POPULATION.

583

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[Precinct means election precinct. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

MINOR CIVIL DIVISION.	1910	1900	1890	MINOR CIVIL DIVISION.	1910	1900	1890
Yakima County—Continued.				Yakima County—Continued.			
Fort Sincere precinct.....	160			Outlook precinct.....	683		
Fruitvale precinct.....	1,275			Parker precinct.....	823		
Glade precinct.....	258			Selah precinct.....	1,524		
Granger precinct, including Granger city.....	1,261			Tampico precinct.....	181		
<i>Granger city</i> ¹	463			Toppenish precinct, including Toppenish city.....	2,594		
Hopdale precinct.....	981			<i>Toppenish city</i> ²	1,598		
Lower Naches precinct.....	463			Upper Naches precinct.....	769		
Mabton precinct, including Mabton town.....	902			Wapato precinct, including Wapato town.....	1,164		
<i>Mabton town</i> ²	886			<i>Wapato town</i> ⁴	400		
Mount Adams precinct.....	41			Wenas precinct.....	454		
Moxee precinct.....	1,437			West Sunnyside precinct, including part of			
Nile precinct.....	177			Sunnyside city.....	1,555		
Nob Hill precinct.....	1,100			<i>Sunnyside city (part of)</i>	588		
North Yakima City precinct, coextensive with				Wheatland precinct.....	137		
North Yakima city.....	14,082			Yakima City precinct, coextensive with Yaki-			
<i>North Yakima city</i>	14,082	3,154	1,555	ma City town.....	263		
Ward 1.....	2,476			<i>Yakima City town</i>	263	287	186
Ward 2.....	2,153			Zillah precinct.....	979		
Ward 3.....	2,867			Yakima Indian Reservation.....	1,830	2,219	
Ward 4.....	2,548						
Ward 5.....	1,759						
Ward 6.....	2,281						

¹ Incorporated in 1909.

² Incorporated in 1905.

³ Incorporated in 1907.

⁴ Incorporated in 1908.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890.

CITY OR TOWN.	County.	1910	1900	1890	CITY OR TOWN.	County.	1910	1900	1890
Aberdeen city.....	Chehalis.....	13,660	3,747	1,638	Marysville city.....	Snohomish.....	1,239	728	232
Albion town.....	Whitman.....	276			Medical Lake town.....	Spokane.....	1,730	516	617
Alma town.....	Lincoln.....	368			Milton town.....	Pierce.....	448		
Anacortes city.....	Skagit.....	4,168	1,476	1,131	Monroe city.....	Snohomish.....	1,562		
Arlington city.....	Snohomish.....	1,476			Montesano city.....	Chehalis.....	2,488	1,194	1,632
Asotin town.....	Asotin.....	820	470	200	Mount Vernon city.....	Skagit.....	2,331	1,120	770
Auburn town.....	King.....	957	489	740	Newport town.....	Stevens.....	1,199		
Bellingham city.....	Whatcom.....	24,298	11,062	8,135	North Bend town.....	King.....	299		
Blaine city.....	Whatcom.....	2,289	1,592	1,563	North Yakima city.....	Yakima.....	14,032	3,154	1,535
Bothell town.....	King.....	599			Northport city.....	Stevens.....	476	787	
Bremerton city.....	Kitsap.....	2,903			Oakesdale town.....	Whitman.....	832	923	523
Brewster town.....	Okanogan.....	296			Oakville town.....	Chehalis.....	465		
Bridgeport town.....	Douglas.....	431			Ocosta town.....	Chehalis.....	127	166	
Buckley town.....	Pierce.....	1,272	1,014		Odessa town.....	Lincoln.....	885		
Burlington city.....	Skagit.....	1,302			Okanogan town.....	Okanogan.....	611		
Camas town.....	Clarke.....	1,125			Olympia city.....	Thurston.....	6,996	3,833	4,693
Cashmere town.....	Chelan.....	625			Oroville town.....	Okanogan.....	495		
Castle Rock town.....	Cowlitz.....	993	750	631	Orting town.....	Pierce.....	799	728	623
Cathlamet town.....	Wahkiakum.....	352			Pacific town.....	King.....	413		
Centralia city.....	Lewis.....	7,311	1,600	2,020	Palouse city.....	Whitman.....	1,549	929	1,119
Charleston town.....	Kitsap.....	1,062	197		Pasco town.....	Franklin.....	2,083	254	
Chehalis city.....	Lewis.....	4,507	1,775	1,309	Pataha city.....	Garfield.....	176	157	
Chelan town.....	Chelan.....	632			Pe Ell town.....	Lewis.....	838		
Cheney town.....	Spokane.....	1,207	781	647	Pomeroy city.....	Garfield.....	1,605	953	661
Chewelah town.....	Stevens.....	823			Port Angeles city.....	Cjallam.....	2,286	2,321	
Clarkston city.....	Asotin.....	1,257			Port Orchard town.....	Kitsap.....	632	254	226
Cle Elum city.....	Kittitas.....	2,749			Port Townsend city.....	Jefferson.....	4,181	3,443	4,553
Colfax city.....	Whitman.....	2,783	2,121	1,649	Poulsbo town.....	Kitsap.....	304		
Colton town.....	Whitman.....	393	251		Prescott town.....	Walla Walla.....	502		
Colville city.....	Stevens.....	1,533	594	539	Prosser city.....	Benton.....	1,298		
Conconully town.....	Okanogan.....	357			Pullman city.....	Whitman.....	2,602	1,303	868
Concrete town.....	Skagit.....	945			Puyallup city.....	Pierce.....	4,544	1,884	1,732
Cosmopolis town.....	Chehalis.....	1,132	1,004	287	Quincy town.....	Grant.....	204		
Coules City town.....	Grant.....	273			Raymond city.....	Pacific.....	2,450		
Coupeville town.....	Island.....	310			Reardan town.....	Lincoln.....	527		
Creston town.....	Lincoln.....	308			Renton town.....	King.....	2,740		
Cunningham town.....	Adams.....	153			Republic city.....	Ferry.....	999	2,050	
Davenport town.....	Lincoln.....	1,229	1,000	396	Ridgefield town.....	Clarke.....	297		
Dayton city.....	Columbia.....	2,359	2,216	1,880	Ritzville city.....	Adams.....	1,859	761	
Deer Park city.....	Spokane.....	875			Rockford town.....	Spokane.....	663	433	644
Eatonville town.....	Pierce.....	754			Rosalia town.....	Whitman.....	767	379	248
Edmonds city.....	Snohomish.....	1,114	474		Roslyn town.....	Kittitas.....	3,126	2,786	1,484
Eibertown town.....	Whitman.....	339	297		Roy town.....	Pierce.....	315		
Eliensburg city.....	Kittitas.....	4,209	1,737	2,768	Ruston town.....	Pierce.....	780		
Elma town.....	Chehalis.....	1,532	894	345	St. John town.....	Whitman.....	421		
Endicott town.....	Whitman.....	474			Seattle city.....	King.....	237,194	80,671	42,837
Ephrata town.....	Grant.....	323			Sedro-Woolley city.....	Skagit.....	2,129	885	
Everett city.....	Snohomish.....	24,814	7,838		Shelton town.....	Mason.....	1,163	833	648
Fairfield town.....	Spokane.....	303			Skykomish town.....	King.....	233		
Farmington town.....	Whitman.....	489	434	418	Snohomish city.....	Snohomish.....	3,244	2,101	1,993
Ferndale town.....	Whatcom.....	691			Snoqualmie town.....	King.....	279		
Friday Harbor town.....	San Juan.....	400			South Bend city.....	Pacific.....	3,023	711	
Garfield town.....	Whitman.....	932	607	317	South Prairie town.....	Pierce.....	264		
Goldendale town.....	Klickitat.....	1,203	738	702	Spangle town.....	Spokane.....	299	331	303
Grandview city.....	Yakima.....	320			Spokane city.....	Spokane.....	104,402	36,848	19,922
Granger city.....	Yakima.....	453			Sprague city.....	Lincoln.....	1,110	695	1,089
Granite Falls city.....	Snohomish.....	714			Springdale town.....	Stevens.....	251		
Hamilton town.....	Skagit.....	405	302	203	Stanwood city.....	Snohomish.....	544		
Harrington city.....	Lincoln.....	661			Starbuck town.....	Columbia.....	761		
Hartline town.....	Grant.....	237			Stellacoom town.....	Pierce.....	430	284	270
Hatton town.....	Adams.....	161			Stevenson town.....	Skamania.....	387		
Hillyard city.....	Spokane.....	3,276			Sultan town.....	Snohomish.....	576		
Hogium city.....	Chehalis.....	3,171	2,603	1,302	Sumas city.....	Whatcom.....	902	319	
Iiwaco town.....	Pacific.....	664	584	517	Sumner town.....	Pierce.....	892	531	530
Index city.....	Snohomish.....	417			Sunnyside city.....	Yakima.....	1,379		
Ione town.....	Stevens.....	634			Tacoma city.....	Pierce.....	83,743	37,714	36,006
Issaquah town.....	King.....	628	700		Tekoa town.....	Whitman.....	1,694	717	301
Kahlotus town.....	Franklin.....	132			Tenino town.....	Thurston.....	1,038		
Kalama town.....	Cowlitz.....	316	554	325	Toledo town.....	Lewis.....	375	285	276
Kelso city.....	Cowlitz.....	2,039	694	354	Toppenish city.....	Yakima.....	1,593		
Kennewick town.....	Benton.....	1,219			Tukwila town.....	King.....	361		
Kent city.....	King.....	1,908	755	853	Tunwiler town.....	Thurston.....	490	270	410
Kettle Falls town.....	Stevens.....	377	297		Twisp town.....	Okanogan.....	227		
Kirkland town.....	King.....	532			Uniontown town.....	Whitman.....	426	404	270
La Center town.....	Clarke.....	288			Vancouver city.....	Clarke.....	9,300	3,126	3,545
La Conner town.....	Skagit.....	603	504	398	Waitsburg city.....	Walla Walla.....	1,237	1,011	817
Lakeside town.....	Chelan.....	222			Walla Walla city.....	Walla Walla.....	19,364	10,049	4,709
Latah town.....	Spokane.....	339	253	232	Wapato town.....	Yakima.....	400		
Leavenworth town.....	Chelan.....	1,551			Washougal town.....	Clarke.....	456		
Lind town.....	Adams.....	331			Washtuona town.....	Adams.....	300		
Little Falls town.....	Lewis.....	631			Waterville town.....	Douglas.....	950	482	293
Lyman town.....	Skagit.....	441			Waverly city.....	Spokane.....	313		
Lynden town.....	Whatcom.....	1,148	865	560	Wenatchee city.....	Chelan.....	4,050	451	
McMurray town.....	Skagit.....	377			White Salmon town.....	Klickitat.....	682		
Mabton town.....	Yakima.....	666			Wilbur town.....	Lincoln.....	757	595	410
Malden town.....	Whitman.....	798			Wilkeson town.....	Pierce.....	899		
					Wilson Creek town.....	Grant.....	405		
					Winlock town.....	Lewis.....	1,140	655	
					Woodland town.....	Cowlitz.....	384		
					Yacolt town.....	Clarke.....	435		
					Yakima City town.....	Yakima.....	263	287	196

1 Fairhaven and New Whatcom cities consolidated under the name of Bellingham city in 1903.

CHAPTER 2.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

Introduction.—The first chapter having given the number of inhabitants of Washington by counties and minor civil divisions, the decennial increase and the density of population, and the proportions urban and rural, the present chapter deals with the composition and characteristics of the population. The two chapters cover all the principal topics of the population census except occupations and ownership of homes.

Description of the tables.—The greater part of this chapter consists of five general tables, which present statistics of color, nativity, parentage, sex, citizenship, illiteracy, school attendance, and dwellings and families, as follows: Table I for the state and counties; Table II for cities of more than 25,000 inhabitants; Table III for cities of 10,000 to 25,000; Table IV for places of 2,500 to 10,000; and Table V for wards of cities of more than 50,000.

A series of summary tables (numbered 1 to 15) reproduces from the general tables the more important state and city totals, and presents also certain additional data relative to state of birth, age, and marital condition.

On account of the wide differences in characteristics among the different classes of the population, the statistics on each subject are shown according to race, and for the whites according to nativity and parentage. Classification according to nativity and parentage is scarcely necessary for the other races, since nearly all negroes and Indians are native born of native parentage, and nearly all Chinese and Japanese 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 some of the tables; in a few cases all three native white classes are combined.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of the population, the two classes are distinguished in connection with several of the subjects. Urban population, as defined by the Bureau of the Census, includes that of all incorporated places of 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 any kind of school at any time between September 1, 1909, and the date of enumeration, April 15, 1910.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read.

Color and nativity (Table 1).—Of the total population of Washington, 585,386, or 51.3 per cent, are native whites of native parentage; 282,528, or 24.7 per cent, are native whites of foreign or mixed parentage; and 241,197, or 21.1 per cent, are foreign-born whites. The corresponding percentages in 1900 were 51.2, 24.9, and 19.7, respectively. The Japanese and Chinese constitute 1.3 per cent of the population; Indians, 1 per cent; negroes, 0.5 per cent. In 26 of the 38 counties the proportion of foreign-born whites ranges from 10 to 25 per cent, and in 8 counties the proportion exceeds one-fourth. In 14 counties the proportion of native whites of foreign or mixed parentage exceeds one-fourth, and except in 6 counties the percentage for this class exceeds that for the foreign-born whites. (See maps on page 607.)

Of the urban population, 48.7 per cent are native whites of native parentage; of the rural, 54.2 per cent. The corresponding percentages for native whites of foreign or mixed parentage are 25.7 and 23.6, respectively. The percentage of foreign-born whites is 23.1 in the urban population and 18.9 in the rural; of Chinese and Japanese, 1.7 and 1, respectively; of negroes, 0.8 and 0.3. The Indian population is almost exclusively rural.

Sex (Table 2).—In the total population of the state there are 658,663 males and 483,327 females, or 136.3 males to 100 females. In 1900 the ratio was 142.2 to 100. Among native whites the ratio is 120.8 to 100 and among foreign-born whites 199.7 to 100. In the urban population there are 132.4 males to 100 females, and in the rural, 140.9.

State of birth (Tables 3 and 4).—Of the native population—that is, population born in the United States—29.7 per cent were born in Washington and 70.3 per cent outside the state; of the native white population, 71.1 per cent were born outside the state; of the native negro, 90.8 per cent; and of the native Indian, 5.4 per cent. Persons born outside the state constitute a larger proportion of the native population in urban than in rural communities.

Foreign nationalities (Tables 5 and 12).—Of the foreign-born white population of Washington, persons born in Canada represent 16.2 per cent; Sweden, 13.3; Germany, 12.2; Norway, 11.8; England, 8; Italy, 5.4; Austria, 5.3; Russia, 4.5; Ireland, 4.2; Finland, 3.6; all other countries, 15.1. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents born abroad, Germany contributed 16.7 per cent; Canada, 16; Sweden, 10.7; Norway, 10.1; England, 8.9; Ireland, 6.8; Austria, 3.6; Russia, 3.4; Italy, 3.2; Scotland, 3.1; Denmark, 2.9.

Voting and militia ages (Table 6).—The number of males 21 years of age and over is 441,294, representing 38.6 per cent of the population. Of such males, 45.3 per cent are native whites of native parentage, 17.1 per cent native whites of foreign or mixed parentage, 33.4 per cent foreign-born whites, 2.8 per cent Chinese and Japanese, 0.7 per cent negroes, and 0.6 per cent Indians. Of the 147,224 foreign-born white males of voting age, 68,895, or 46.8 per cent, are naturalized. Males of militia age—18 to 44—number 340,872.

Age (Tables 7, 8, and 13).—Of the total population, 9.5 per cent are under 5 years of age, 16.8 per cent from 5 to 14 years, inclusive, 19.4 per cent from 15 to 24, 35.1 per cent from 25 to 44, and 18.5 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 4.6 per cent of this class being under 15, while 81 per cent, or more than four-fifths, are 25 and over. Of the native whites of foreign or mixed parentage, 39.2 per cent are 25 and over, and of the native whites of native parentage, 48.9 per cent.

The urban population shows a smaller proportion of children than the rural and a larger proportion of persons in the prime of life. Migration to the city explains this at least in part. Of the urban population, 38.6 per cent are from 25 to 44 years of age, inclusive, and of the rural, 31 per cent.

School attendance (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 293,478, of whom 195,259, or 66.5 per cent, attended school. In addition to these, 1,865 children under 6 and 4,571 persons 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 64.7; for girls, 68.5. For children 6 to 14, the percentage attending school was 85.7. The percentage for children of this age among native whites of native parentage was 85.9; among native whites of foreign or mixed parentage, 86.9; among foreign-born whites, 83.9; and among negroes, 81.3. (See Table I.) There is little difference between urban and rural communities as regards the percentage attending school.

Illiteracy (Table 10).—There are 18,416 illiterates in the state, representing 2 per cent of the total population 10 years of age and over, as compared with 3.1 per cent in 1900. The percentage of illiteracy is 0.3 among native whites, 4.8 among foreign-born

whites, 4.3 among negroes, 45.8 among Indians, 19 among Chinese, and 6.8 among Japanese.

For all classes combined, the percentage of illiterates is 1.3 in the urban population and 2.8 in the rural. For each class separately, also, the rural percentage exceeds the urban.

For persons 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is very low, being only 0.8. (See Table I.)

Marital condition (Tables 11 and 14).—In the population 15 years of age and over, 48.6 per cent of the males are single and 26.5 per cent of the females. The percentage married is 45.7 for males and 64.1 for females; and the percentage widowed 3.6 and 7.9, respectively. The percentages of those reported as divorced, 0.9 and 1.2, respectively, are believed to be too small, because of the probability that many divorced persons class themselves as single or widowed.

That the percentage single is so much smaller for women than for men is due partly to the excess of males in the total population and partly to the fact that women marry younger. Thus 10.5 per cent of the females 15 to 19 are married, as compared with 0.5 per cent of the males, and 52.1 per cent of the females 20 to 24 are married, as compared with 13.7 per cent of the males. In the age group, 25 to 34, the percentage married is 78.4 for females and 44.1 for males, and for those from 35 to 44 it is 85.5 and 65.2, respectively, while in the age group, 45 and over, the difference practically disappears. That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages married among those 15 years of age and over are as follows: Native whites of native parentage, 48.3 for males and 64 for females; foreign-born whites, 46.8 and 72.9, respectively; native whites of foreign or mixed parentage, 39.9 and 55.8; negroes, 38.8 and 59.4; Indians, 57.2 and 65.2; Chinese, 42.5 and 50.7; Japanese, 25.5 and 80.5.

These percentages by no means indicate the relative tendency of the several classes as regards marriage. To determine that, the comparison should be made by age periods, since the proportion married in any class is determined largely by the proportion who have reached the marrying age. Similarly, the proportion widowed depends largely on the proportion past middle life. The percentage married, for males and for females, is higher in rural than in urban communities.

Dwellings and families.—The total number of dwellings in Washington is 238,822, and the total number of families 254,692, there being 106.6 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 4.8, and the average number per family, 4.5.

TABLE 7.—AGE, FOR THE STATE.

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

AGE PERIOD.	TOTAL POPULATION.				NATIVE WHITE.				FOREIGN-BORN WHITE.	
	1910	1900	Male.	Female.	Native parentage.		Foreign or mixed parentage.		Male.	Female.
					Male.	Female.	Male.	Female.		
All ages, number.....	1,141,990	518,103	658,663	483,327	324,335	261,051	150,440	132,088	160,721	80,476
Under 5 years.....	108,756	53,243	55,432	53,324	33,915	32,798	19,366	18,420	955	871
Under 1 year.....	22,079	10,761	11,234	10,845	6,984	6,676	3,909	3,840	65	50
5 to 9 years.....	99,678	56,423	50,045	49,033	30,014	28,943	17,428	17,001	2,273	2,170
10 to 14 years.....	92,302	48,233	46,962	45,840	26,789	26,279	16,904	16,339	2,462	2,475
15 to 19 years.....	99,647	44,104	52,025	47,622	27,818	26,409	17,800	17,444	5,253	3,049
20 to 24 years.....	122,058	46,403	72,568	49,490	34,459	26,772	16,249	14,713	18,430	7,093
25 to 29 years.....	126,074	46,093	77,896	48,178	34,917	25,109	14,269	12,118	24,517	9,885
30 to 34 years.....	106,963	47,118	65,720	41,243	29,228	20,836	11,831	9,640	21,326	9,884
35 to 39 years.....	90,149	46,368	54,571	35,578	24,316	17,585	9,853	8,067	18,079	9,173
40 to 44 years.....	77,286	37,863	47,517	29,769	20,473	14,200	8,281	6,112	17,123	8,063
45 to 49 years.....	64,992	26,027	40,124	24,868	16,615	11,690	6,620	4,714	15,635	8,026
50 to 54 years.....	52,413	20,754	33,050	19,363	14,580	9,602	5,323	3,848	12,227	6,097
55 to 59 years.....	33,661	14,127	20,981	12,680	9,691	6,498	2,884	1,846	7,853	4,094
60 to 64 years.....	24,144	10,407	14,099	9,445	6,948	5,034	1,632	1,003	5,750	3,108
65 to 74 years.....	26,959	11,356	15,573	11,386	7,742	6,164	1,459	945	6,046	3,943
75 to 84 years.....	8,448	2,924	4,773	3,675	2,539	1,944	374	238	1,713	1,345
85 to 94 years.....	1,101	371	579	522	257	251	45	43	239	177
95 years and over.....	65	30	35	30	6	7	1	1	8	8
Age unknown.....	6,794	6,259	5,513	1,281	4,028	930	121	97	827	115
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	9.5	10.3	8.4	11.0	10.5	12.6	12.9	13.9	0.6	1.1
5 to 9 years.....	8.7	10.9	7.7	10.1	9.3	11.1	11.6	12.9	1.4	2.7
10 to 14 years.....	8.1	9.3	7.1	9.5	8.3	10.1	11.2	12.4	1.5	3.1
15 to 19 years.....	8.7	8.5	7.9	9.9	8.6	10.1	11.8	13.2	3.3	3.8
20 to 24 years.....	10.7	9.0	11.0	10.2	10.6	10.3	10.8	11.1	11.5	8.8
25 to 34 years.....	20.4	18.0	21.8	18.5	19.8	17.6	17.3	16.5	28.5	24.5
35 to 44 years.....	14.7	16.3	15.5	13.5	13.8	12.2	12.1	10.7	21.9	22.5
45 to 64 years.....	15.3	13.8	16.5	13.7	14.7	12.6	10.9	8.3	25.3	26.0
65 years and over.....	3.2	2.8	3.2	3.2	3.3	3.2	1.2	0.9	5.0	6.8

AGE PERIOD.	NEGRO.		INDIAN.		CHINESE.		JAPANESE.		ALL OTHER.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
All ages, number.....	3,736	2,322	5,487	5,510	2,519	190	11,241	1,688	184	2
Under 5 years.....	139	150	732	770	26	20	290	295	.....	.....
Under 1 year.....	31	33	163	166	2	4	80	76	.....	.....
5 to 9 years.....	124	128	689	705	26	16	91	69	.....	1
10 to 14 years.....	137	137	595	560	30	16	39	34	.....	.....
15 to 19 years.....	158	167	531	473	98	15	357	65	10	.....
20 to 24 years.....	417	225	432	397	182	16	2,368	304	31	.....
25 to 29 years.....	590	363	363	315	146	23	3,039	365	55	.....
30 to 34 years.....	578	308	292	314	141	13	2,282	298	42	.....
35 to 39 years.....	537	284	334	317	159	11	1,268	141	25	.....
40 to 44 years.....	339	170	265	276	349	7	677	51	10	.....
45 to 49 years.....	288	141	275	260	446	17	233	19	7	1
50 to 54 years.....	169	77	213	215	417	15	119	9	2	.....
55 to 59 years.....	87	42	172	190	257	8	32	2	.....	.....
60 to 64 years.....	51	31	150	169	159	10	9	.....	.....	.....
65 to 74 years.....	55	34	218	297	48	3	3	.....	2	.....
75 to 84 years.....	8	8	138	140	1	.....	.....	.....	.....	.....
85 to 94 years.....	2	2	36	49	.....	.....	.....	.....	.....	.....
95 years and over.....	.....	.....	20	13	.....	.....	.....	.....	.....	.....
Age unknown.....	57	53	32	50	28	.....	420	36	.....	.....
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.....
Under 5 years.....	3.7	6.5	13.3	14.0	1.0	10.5	2.7	17.5	.....	.....
5 to 9 years.....	3.3	5.5	12.6	12.8	1.0	8.4	0.8	4.1	.....	.....
10 to 14 years.....	3.7	5.9	10.8	10.2	1.4	8.4	0.3	2.0	.....	.....
15 to 19 years.....	4.2	7.2	9.7	8.6	3.9	7.9	3.2	3.9	5.4	.....
20 to 24 years.....	11.2	9.7	7.9	7.2	7.2	8.4	21.1	18.0	16.8	.....
25 to 34 years.....	31.3	28.9	11.9	11.4	11.4	18.9	47.3	39.3	52.7	.....
35 to 44 years.....	23.4	19.6	10.9	10.8	20.2	9.5	17.3	11.4	19.0	.....
45 to 64 years.....	15.9	12.5	14.8	15.1	50.8	26.3	3.5	1.8	4.9	.....
65 years and over.....	1.7	2.0	7.5	9.1	1.0	1.6	(1)	.....	1.1	.....

1 Less than one-tenth of 1 per cent.

STATISTICS OF POPULATION.

TABLE 8.—AGE, FOR URBAN AND RURAL POPULATION.

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

AGE PERIOD.	TOTAL.				NATIVE WHITE.				FOREIGN-BORN WHITE.			
	Male.		Female.		Male.		Female.		Male.		Female.	
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.
All ages, number.....	344,931	313,732	260,589	222,728	242,907	231,868	207,692	185,447	90,061	70,660	49,521	30,955
Under 5 years.....	25,042	30,390	24,289	29,035	24,153	29,128	23,443	27,775	565	390	535	336
Under 1 year.....	5,116	6,118	5,025	5,820	5,011	5,882	4,915	5,601	37	28	33	17
5 to 9 years.....	22,432	28,213	21,945	27,088	20,964	26,478	20,539	25,405	1,295	978	1,233	937
10 to 14 years.....	21,209	25,763	21,219	24,621	19,689	24,004	19,681	22,937	1,333	1,129	1,367	1,108
15 to 19 years.....	25,451	26,574	25,187	22,435	22,166	23,452	23,021	20,832	2,805	2,448	1,942	1,107
20 to 24 years.....	40,275	32,293	29,816	19,674	27,619	23,089	24,388	17,097	10,676	7,854	5,000	2,063
25 to 34 years.....	84,106	59,510	54,175	35,246	51,776	38,469	39,694	27,709	27,851	17,992	13,073	6,646
35 to 44 years.....	67,435	44,653	38,304	27,043	35,068	27,855	26,660	19,304	20,172	15,030	11,103	7,023
45 to 64 years.....	55,352	53,502	36,513	29,843	32,538	31,755	24,077	19,658	21,318	20,152	12,127	9,288
65 years and over.....	9,218	11,742	8,151	7,462	5,510	6,913	5,054	4,538	3,631	4,375	3,060	2,413
Age unknown.....	4,411	1,102	1,000	281	3,424	725	835	192	515	312	81	34
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
Under 5 years.....	7.3	9.7	9.3	13.0	9.9	12.6	11.3	15.0	0.6	0.6	1.1	1.1
5 to 9 years.....	6.5	9.0	8.4	12.2	8.6	11.4	9.9	13.7	1.4	1.4	2.5	3.0
10 to 14 years.....	6.2	8.2	8.1	11.1	8.1	10.4	9.5	12.4	1.5	1.6	2.8	3.6
15 to 19 years.....	7.4	8.5	9.7	10.1	9.1	10.1	11.1	11.2	3.1	3.5	3.9	3.6
20 to 24 years.....	11.7	10.3	11.4	8.8	11.4	10.0	11.7	9.2	11.7	11.1	10.1	6.7
25 to 34 years.....	24.4	19.0	20.8	15.8	21.3	16.6	19.3	14.9	30.9	25.5	28.4	21.5
35 to 44 years.....	16.7	14.2	12.1	12.1	14.4	12.0	12.8	10.4	22.4	21.3	22.4	22.7
45 to 64 years.....	16.0	17.1	14.0	13.4	13.4	13.7	11.6	10.6	23.7	28.5	24.5	30.0
65 years and over.....	2.7	3.7	3.1	3.4	2.3	3.0	2.4	4.0	4.0	6.2	6.2	7.8

AGE PERIOD.	NEGRO.				INDIAN.				CHINESE.				JAPANESE.				ALL OTHER.				
	Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		Male.		Female.		
	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	Urban.	Rural.	
All ages, number.....	2,738	998	1,961	361	139	5,348	125	5,385	1,834	685	169	21	7,144	4,097	1,129	559	108	78	2	.....
Under 5 years.....	105	34	113	37	19	713	14	756	21	5	18	2	179	120	166	129	.....	.....	.....	.....
Under 1 year.....	22	9	25	8	1	162	4	162	2	.....	4	.....	43	37	44	32	.....	.....	.....	.....
5 to 9 years.....	83	41	94	34	18	671	21	694	20	6	14	2	52	39	43	25	.....	.....	1	.....
10 to 14 years.....	105	32	107	30	23	572	24	536	32	4	13	3	27	12	27	7	.....	.....	.....	.....
15 to 19 years.....	122	36	139	28	11	520	20	453	88	10	13	2	254	103	52	13	5	5	.....	.....
20 to 24 years.....	256	161	202	23	8	424	12	385	158	24	12	4	1,642	726	202	102	16	15	.....	.....
25 to 34 years.....	845	323	604	67	24	631	17	612	227	60	31	5	3,326	1,995	456	207	67	40	.....	.....
35 to 44 years.....	690	186	391	63	21	578	7	566	391	117	18	2	1,071	874	127	65	22	13	.....	.....
45 to 64 years.....	434	161	229	62	14	796	9	825	362	417	49	1	1,179	219	21	9	7	2	1
65 years and over.....	44	21	33	13	1	411	1	498	29	20	3	.....	2	1	.....	1	1	.....	.....	.....
Age unknown.....	54	3	49	4	.....	32	.....	50	6	22	.....	.....	412	8	35	1	.....	.....	.....	.....
All ages, per cent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years.....	3.8	3.4	5.8	10.2	13.7	13.3	11.2	14.0	1.1	0.7	10.7	.....	2.5	2.9	14.7	23.1	.....	.....	.....	.....
5 to 9 years.....	3.0	4.1	4.8	9.4	12.9	12.5	16.8	12.7	1.1	0.9	8.3	.....	0.7	1.0	3.8	4.7	.....	.....	.....	.....
10 to 14 years.....	3.8	3.2	5.5	8.3	16.5	10.7	19.2	10.0	1.7	0.6	7.7	.....	0.4	0.3	2.4	1.3	.....	.....	.....	.....
15 to 19 years.....	4.5	3.6	7.1	7.8	7.9	9.7	16.0	8.4	4.8	1.5	7.7	.....	3.6	2.5	4.6	2.3	4.6	.....	.....	.....
20 to 24 years.....	9.3	16.1	10.3	6.4	5.8	7.9	9.6	7.1	8.6	3.5	7.1	.....	23.0	17.7	17.9	18.2	14.8	.....	.....	.....
25 to 34 years.....	30.9	32.4	30.8	18.6	17.3	11.8	13.6	11.4	12.4	8.8	18.3	.....	46.6	48.7	40.4	37.0	52.8	.....	.....	.....
35 to 44 years.....	25.2	18.6	19.9	17.5	15.1	10.8	5.6	10.9	21.3	17.1	9.5	.....	15.0	21.8	11.2	11.6	20.4	.....	.....	.....
45 to 64 years.....	15.9	16.1	11.7	17.2	10.1	14.9	7.2	15.3	47.0	60.9	29.0	.....	2.5	5.3	1.9	1.6	6.5	.....	.....	.....
65 years and over.....	1.6	2.1	1.7	3.6	0.7	7.7	0.8	9.2	1.6	2.9	1.8	.....	(¹)	(¹)	.....	.....	0.9	.....	.....	.....

¹ Less than one-tenth of 1 per cent.

TABLE 9.—SCHOOL ATTENDANCE.

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

AGE PERIOD.	TOTAL.			NATIVE WHITE.						FOREIGN-BORN WHITE.		
				Native parentage.			Foreign or mixed parentage.					
	Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
THE STATE.												
6 to 20 years, inclusive.....	293,478	195,259	66.5	165,137	114,415	69.3	102,201	69,148	67.7	20,605	9,082	44.0
Male.....	151,457	97,993	64.7	84,333	57,356	68.0	51,806	34,674	66.9	12,163	4,533	37.3
Female.....	142,021	97,266	68.5	80,804	57,059	70.6	50,395	34,474	68.4	8,442	4,549	53.6
6 to 9 years.....	78,943	59,538	75.4	46,460	35,168	75.7	27,296	20,891	76.5	3,737	2,743	73.4
10 to 14 years.....	92,802	87,681	94.5	53,068	50,290	94.8	33,243	31,703	95.4	4,937	4,535	91.6
15 to 17 years.....	57,716	36,179	62.7	32,008	21,586	67.4	21,345	12,796	59.9	3,437	1,330	38.7
18 to 20 years.....	64,017	11,861	18.5	33,601	7,371	21.9	20,317	3,758	18.5	8,494	454	5.3
Under 6 years.....		1,865			1,127			656			46	
21 years and over.....		4,571			2,692			1,074			564	
Total attending school.....		201,695			118,234			70,878			9,672	
URBAN POPULATION.												
6 to 14 years.....	77,534	67,062	86.5	42,887	37,021	86.3	29,211	25,524	87.4	4,817	4,026	83.6
15 to 20 years.....	62,737	23,890	38.1	31,807	13,784	43.3	22,945	8,778	38.3	6,878	1,031	15.0
RURAL POPULATION.												
6 to 14 years.....	94,211	80,157	85.1	56,641	48,437	85.5	31,328	27,070	86.4	3,857	3,262	84.3
15 to 20 years.....	58,996	24,160	40.9	33,742	15,173	45.0	18,717	7,776	41.5	5,053	753	14.8

AGE PERIOD.	NEGRO.			INDIAN.			CHINESE.			JAPANESE.			ALL OTHER.		
	Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.		Number.	Attending school.	
		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.		Number.	Per cent.
THE STATE.															
6 to 20 years, inclusive.....	906	515	56.8	3,444	1,733	50.3	227	119	52.4	941	264	28.1	17	3	
Male.....	452	253	56.0	1,756	882	50.2	182	96	52.7	749	197	26.3	16	2	
Female.....	454	262	57.7	1,688	851	50.4	45	23		192	67	34.9	1	1	
6 to 9 years.....	206	146	70.9	1,105	496	44.9	29	13		109	80	73.4	1	1	
10 to 14 years.....	274	244	89.1	1,155	810	70.1	52	45		73	54				
15 to 17 years.....	170	100	58.8	601	295	49.1	52	33		101	39	38.6	2		
18 to 20 years.....	256	25	9.8	583	132	22.6	94	28		658	91	13.8	14	2	
Under 6 years.....		1			31						4				
21 years and over.....		4			26						185			5	
Total attending school.....		520			1,790			140			463			8	
URBAN POPULATION.															
6 to 14 years.....	359	296	82.5	76	60		68	48		115	86	74.8	1	1	
15 to 20 years.....	335	101	30.1	33	18		132	59	44.7	540	117	21.7	7	2	
RURAL POPULATION.															
6 to 14 years.....	121	94	77.7	2,184	1,246	57.1	13	10		67	48				
15 to 20 years.....	91	24		1,151	409	35.5	14	2		210	13	5.9	9		

TABLE 10.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER.

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

CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.		CLASS OF POPULATION.	BOTH SEXES.		MALE.		FEMALE.	
	Number.	Per cent.	Number.	Per cent.	Number.	Per cent.		Number.	Per cent.	Number.	Per cent.	Number.	Per cent.
THE STATE.													
Total illiterate, 1910.....	18,418	2.0	11,724	2.1	6,692	1.8	Total illiterate, 1910.....	6,697	1.3	4,348	1.5	2,349	1.1
Native white.....	1,836	0.3	1,019	0.3	817	0.3	Native white.....	455	0.1	234	0.1	221	0.1
Native parentage.....	1,281	0.3	708	0.3	573	0.3	Native parentage.....	289	0.1	143	0.1	146	0.1
Foreign or mixed parentage.....	555	0.3	311	0.3	244	0.3	Foreign or mixed parentage.....	166	0.1	91	0.1	75	0.1
Foreign-born white.....	11,233	4.8	7,703	4.9	3,530	4.6	Foreign-born white.....	5,381	4.0	3,441	3.9	1,940	4.1
Negro.....	239	4.3	126	3.6	113	5.5	Negro.....	162	3.8	76	3.0	86	4.0
Indian.....	3,708	45.8	1,610	39.6	2,098	52.0	Indian.....	22	11.5	8	7.8	14	
Chinese.....	498	19.0	495	18.3	33	21.4	Chinese.....	304	15.8	275	15.3	29	21.2
Japanese.....	830	6.8	729	6.7	101	7.6	Japanese.....	347	4.4	288	4.2	59	6.4
All other.....	72	38.9	72	39.1			All other.....	26	23.9	26	24.1		
URBAN POPULATION.													
Total illiterate, 1900.....	12,740	3.1	7,360	3.0	5,380	3.4	Total illiterate, 1910.....	11,719	2.8	7,376	2.9	4,343	2.6
Native white.....	1,374	0.5	730	0.4	644	0.5	Native white.....	1,381	0.4	735	0.4	596	0.5
Native parentage.....	978	0.5	517	0.4	461	0.5	Native parentage.....	992	0.5	565	0.5	427	0.5
Foreign or mixed parentage.....	396	0.5	213	0.5	183	0.5	Foreign or mixed parentage.....	389	0.4	220	0.4	169	0.4
Foreign-born white.....	4,546	4.5	2,546	3.8	2,000	5.8	Foreign-born white.....	5,852	5.9	4,262	6.2	1,590	5.4
Negro.....	259	11.6	146	10.1	113	14.6	Negro.....	77	6.3	50	5.4	27	9.3
Indian.....	4,774	63.0	2,186	58.7	2,588	67.2	Indian.....	3,686	46.6	1,602	40.4	2,084	52.8
Chinese.....	918	25.6	902	25.6	16		Chinese.....	194	28.1	190	28.2	4	
Japanese.....	869	15.6	850	15.7	19	11.9	Japanese.....	463	11.1	441	11.2	42	10.4
All other.....							All other.....	46		46			

TABLE 14.—MARITAL CONDITION, FOR CITIES OF 25,000 OR MORE.

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

CLASS OF POPULATION AND AGE PERIOD.	MALES 15 YEARS OF AGE AND OVER.						FEMALES 15 YEARS OF AGE AND OVER.							
	Total. ¹	Single.		Married.		Wid-owed.	Di-voiced.	Total. ¹	Single.		Married.		Wid-owed.	Di-voiced.
		Num-ber.	Per-cent.	Num-ber.	Per-cent.				Num-ber.	Per-cent.	Num-ber.	Per-cent.		
Seattle														
Total.....	113,337	57,959	51.1	43,132	42.5	3,544	1,192	77,200	22,740	29.5	45,343	58.7	7,348	1,364
15 to 24 years.....	25,348	23,099	91.1	2,051	8.1	12	36	20,794	14,392	69.2	6,052	29.1	112	112
25 to 44 years.....	60,918	20,977	49.2	28,946	47.5	940	678	38,829	7,427	19.1	28,467	73.3	1,971	896
45 years and over.....	24,967	4,749	19.0	17,056	68.3	2,588	475	17,206	863	5.0	10,724	62.3	5,244	355
Age unknown.....	2,104	134	6.4	79	3.8	4	3	371	58	15.6	100	27.0	21	1
Native white—Native parentage.....	46,888	22,084	47.1	20,911	44.6	1,602	638	34,918	9,950	28.5	20,386	58.4	3,563	777
Native white—Foreign or mixed parentage.....	21,566	11,989	55.6	8,764	40.6	524	217	20,225	7,964	39.4	10,642	52.6	1,275	302
Foreign-born white.....	37,770	19,222	50.9	10,521	43.7	1,365	315	20,483	4,492	21.9	13,285	64.9	2,393	264
Negro.....	1,256	677	53.9	498	39.6	35	17	776	175	22.6	448	57.5	102	17
Indian.....	10	6	60.0	4	40.0	0	0	4	2	50.0	0	0	0	0
Chinese.....	789	376	47.7	368	46.6	2	1	49	11	22.4	34	69.4	1	1
Japanese.....	4,988	3,537	70.9	1,064	21.3	16	4	740	146	19.7	544	73.5	12	4
All other.....	70	68	97.1	2	2.9	0	0	2	0	0.0	0	0.0	0	0
Spokane														
Total.....	45,378	20,457	45.1	22,981	50.6	1,254	395	34,854	10,008	28.7	21,557	61.8	2,768	410
15 to 24 years.....	10,683	9,500	88.9	1,107	10.4	9	10	10,002	6,807	68.1	3,062	30.6	41	44
25 to 44 years.....	23,556	9,261	39.3	13,675	58.1	335	227	17,064	2,829	16.6	13,302	77.9	649	270
45 years and over.....	10,833	1,599	14.8	8,155	75.3	905	156	7,636	332	4.3	5,135	67.2	2,067	95
Age unknown.....	300	97	31.7	44	14.4	5	2	152	40	26.3	58	38.2	11	1
Native white—Native parentage.....	21,723	9,201	42.4	11,491	52.9	605	223	17,843	5,047	28.3	11,035	61.8	1,452	234
Native white—Foreign or mixed parentage.....	9,843	4,896	49.7	4,613	46.9	208	36	9,382	3,491	37.3	5,308	56.6	457	95
Foreign-born white.....	12,929	5,939	45.9	6,447	49.9	420	81	7,321	1,413	19.3	4,993	66.9	324	74
Negro.....	339	132	38.9	196	57.8	15	5	283	43	15.2	183	64.7	35	7
Indian.....	7	2	28.6	4	57.1	0	0	4	1	25.0	3	75.0	0	0
Chinese.....	225	72	32.0	152	67.6	0	0	7	2	28.6	5	71.4	0	0
Japanese.....	310	224	72.3	77	24.8	0	0	33	8	24.2	24	72.7	1	1
All other.....	2	1	50.0	1	50.0	0	0	1	0	0.0	1	100.0	0	0
Tacoma														
Total.....	37,584	17,531	46.6	17,215	45.8	1,269	316	26,380	7,503	28.4	15,985	60.6	2,301	330
15 to 24 years.....	9,091	8,270	91.0	741	8.2	11	11	7,442	5,297	71.2	2,050	27.5	22	35
25 to 44 years.....	18,168	7,851	43.2	9,752	53.7	293	161	11,943	1,865	15.6	9,394	78.7	467	191
45 years and over.....	8,981	1,255	14.0	6,592	73.4	962	141	6,646	294	4.4	4,355	65.4	1,801	100
Age unknown.....	1,344	165	11.5	130	9.7	3	3	349	47	13.5	106	30.4	11	4
Native white—Native parentage.....	15,702	6,785	43.1	7,161	45.6	549	151	11,520	3,220	28.0	6,841	59.4	1,066	171
Native white—Foreign or mixed parentage.....	7,613	4,309	56.6	3,044	40.0	175	65	7,042	2,971	42.2	3,611	51.3	358	83
Foreign-born white.....	12,906	5,561	43.0	6,623	51.3	592	93	7,471	1,219	16.3	5,326	71.3	846	70
Negro.....	382	196	51.3	192	42.4	0	5	279	85	30.5	153	54.8	28	0
Indian.....	22	8	36.4	3	13.6	0	0	20	7	35.0	12	60.0	1	1
Chinese.....	19	16	84.2	3	15.8	0	0	3	0	0.0	3	100.0	0	0
Japanese.....	935	681	72.8	211	22.6	1	2	45	1	2.2	39	86.7	2	2
All other.....	5	5	100.0	0	0.0	0	0	0	0	0.0	0	0.0	0	0

¹ Total includes persons whose marital condition is unknown.

TABLE 15.—INDIAN, CHINESE, AND JAPANESE POPULATION, BY COUNTIES.

COUNTY.	INDIAN.			CHINESE.			JAPANESE.		
	1910	1900	1890	1910	1900	1890	1910	1900	1890
The state.....	10,997	10,039	11,181	2,709	3,629	3,260	12,929	5,617	360
Adams.....	13	13	13	7	2	3	13	24	0
Asotin.....	24	24	81	11	2	3	1	0	0
Benton.....	488	337	186	59	24	104	36	20	0
Chehalis.....	84	138	1	1	1	1	183	47	0
Chelan.....	365	733	171	18	16	63	6	0	0
Clallam.....	35	20	44	88	51	44	09	1	0
Clarke.....	67	71	38	13	45	43	7	33	0
Columbia.....	67	71	38	1	2	7	2	0	0
Cowlitz.....	814	720	0	2	2	14	10	62	0
Douglas.....	7	0	0	0	0	0	0	8	0
Ferry.....	89	89	113	25	33	15	70	7	0
Franklin.....	10	10	10	12	15	10	10	10	0
Garfield.....	8	8	2	2	0	0	4	0	0
Grant.....	108	44	141	25	53	70	7	0	0
Island.....	262	221	195	102	223	453	86	28	22
Jefferson.....	358	334	364	934	459	458	7,497	3,212	127
King.....	357	281	207	41	38	60	220	226	35
Kitsap.....	36	105	160	50	20	89	64	4	0
Klickitat.....	214	169	50	4	5	7	98	2	0
Lewis.....	121	85	81	0	0	0	306	3	4
Lincoln.....	8	11	22	6	22	46	15	75	0
Mason.....	287	230	13	14	32	18	33	3	0
Okanogan.....	823	886	104	1	1	1	1	8	0
Pacific.....	235	212	44	59	81	199	119	0	0
Pierce.....	542	601	76	28	265	9	1,940	627	58
San Juan.....	212	226	32	32	53	0	47	39	4
Skagit.....	479	579	248	91	193	27	200	49	1
Skamania.....	62	79	31	5	2	5	10	0	0
Snohomish.....	799	594	311	6	8	20	312	255	5
Spokane.....	25	2	87	263	342	361	428	418	23
Stevens.....	854	901	340	8	28	35	10	10	0
Thurston.....	177	134	90	78	58	177	285	8	0
Wahkiakum.....	91	31	41	72	138	304	60	1	0
Walla Walla.....	15	30	10	403	417	351	83	73	0
Whatcom.....	658	519	269	90	830	1	231	213	81
Whitman.....	9	0	102	20	88	155	70	102	0
Yakima.....	1,873	1,745	68	85	76	84	257	04	0

¹ Includes 7,526 Indians specially enumerated in 1890, not distributed by counties.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

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

SUBJECT.	THE STATE.	Adams. ¹	Asotin. ¹	Benton. ¹	Chehalis.	Chelan. ¹	Clallam.	Clarke.	Columbia. ¹
POPULATION									
Total population, 1910.....	1,141,990	10,920	5,831	2 7,937	35,590	15,104	6,755	26,115	7,042
1900.....	513,103	4,840	3,366	(²)	15,124	3,931	5,603	13,419	7,123
1890.....	257,232	2,098	1,580		9,240		2,771	11,709	6,709
1880.....	75,116				921		638	5,490	7,103
1870.....	23,955				401		408	3,081	
Increase, 1900-1910.....	628,887	6,080	2,465	2 7,937	20,466	11,173	1,152	12,696	-86
Per cent of increase.....	120.4	125.6	73.2	(²)	135.3	284.2	20.6	94.6	-1.2
Increase, 1890-1900.....	160,871	2,742	1,780		5,682	3,931	2,415	1,710	419
Per cent of increase.....	45.0	130.7	113.0		61.4		87.2	14.6	6.2
Land area (square miles).....	66,836	1,912	606	1,671	1,927	2,900	1,726	634	858
Population per square mile, 1910.....	17.1	5.7	9.6	4.7	18.5	5.2	3.9	41.2	8.2
Rural population per square mile, 1910.....	8.0	5.7	9.6	4.7	7.1	3.8	3.9	26.5	8.2
URBAN AND RURAL TERRITORY.									
Urban, ³ 1910—Places of 2,500 or more in 1910.....	605,530			(²)	21,831	4,050		9,300	
Same places in 1900.....	227,614			(²)	6,355	451		3,126	
Per cent of increase, 1900-1910.....	169.0			(²)	243.5	795.0		197.5	
Rural, 1910—Remainder of county in 1910.....	536,460	10,920	5,831	2 7,937	13,759	11,054	6,755	16,815	7,042
Same territory in 1900.....	290,489	4,840	3,366	21,022	8,769	3,480	5,603	10,293	7,123
Per cent of increase, 1900-1910.....	81.7	125.6	73.2	2676.6	56.9	217.6	20.6	63.4	-1.2
Urban, 1900—Places of 2,500 or more in 1900.....	211,477			(²)	6,355			3,126	
Rural, 1900—Remainder of county in 1900.....	304,626	4,840	3,366	(²)	8,769	3,931	5,603	10,293	7,123
Per cent in places of 2,500 or more, 1910.....	63.0			(²)	61.3	26.8		35.6	
Per cent in places of 2,500 or more, 1900.....	40.8			(²)	42.0			23.3	
COLOR AND NATIVITY									
White.....	1,100,111	10,891	5,829	7,860	34,901	14,829	5,864	25,854	7,020
Number in 1900.....	490,304	4,813	3,364		14,714	3,744	4,364	13,337	7,050
Number in 1890.....	240,829	2,000	1,548		8,956		2,548	11,609	6,659
Negro.....	6,058	9	1	6	60	8	2	47	2
Number in 1900.....	2,614	1			29	1		10	
Number in 1890.....	1,602				3			12	
Black.....	4,218	2	1	4	56	7	2	40	
Mulatto.....	1,840	7		2	4	1		7	
Indian, Chinese, Japanese, and all other (see Tables 1 and 15).....	26,821	20	1	71	629	267	889	214	20
Native white—Native parentage.....	585,386	5,290	4,470	5,174	16,517	10,629	3,011	15,403	5,726
Number in 1900.....	265,068	2,531	2,631		8,193	2,344	2,237	7,335	5,735
Native white—Foreign or mixed parentage.....	282,528	3,011	990	1,711	8,025	2,698	1,635	6,544	863
Number in 1900.....	129,111	1,237	561		3,601	773	1,494	3,767	601
Native white—Foreign parentage.....	174,845	2,180	481	908	4,832	1,363	910	3,912	390
Native white—Mixed parentage.....	107,683	831	609	803	3,193	1,335	725	2,632	404
Foreign-born white.....	241,197	2,590	369	975	10,359	1,502	1,218	3,907	431
Number in 1900.....	102,186	1,130	272		2,920	627	1,123	2,254	414
PER CENT OF TOTAL POPULATION.									
Native white—Native parentage.....	51.3	48.4	76.7	65.2	46.4	70.4	44.6	59.0	81.3
Per cent in 1900.....	51.2	60.5	75.2		54.2	69.6	59.9	54.6	80.5
Native white—Foreign or mixed parentage.....	24.7	27.6	17.0	21.6	22.5	17.9	24.2	25.1	12.3
Per cent in 1900.....	24.9	25.6	16.7		23.8	19.7	26.7	28.0	12.6
Foreign-born white.....	21.1	23.7	6.3	12.3	29.1	9.9	18.0	15.0	6.1
Per cent in 1900.....	19.7	23.3	8.1		19.3	16.0	20.0	16.3	6.8
FOREIGN NATIONALITIES									
FOREIGN-BORN WHITE: Born in—									
Austria.....	12,744	41	12	34	1,359	55	23	130	11
Belgium.....	1,227	7		2	32	7	6	23	3
Canada—French.....	3,711	7	2	13	147	19	32	72	5
Canada—Other.....	35,552	140	89	201	1,251	411	215	448	69
Denmark.....	7,804	27	18	60	175	33	44	137	29
England.....	19,413	37	33	103	411	165	141	256	50
Finland.....	8,718	12	1	4	1,685	10	49	253	
France.....	2,340	14	3	10	70	12	6	31	17
Germany.....	29,382	475	99	165	777	240	220	796	90
Greece.....	4,177	38		30	389			124	19
Holland.....	2,157	4	3	2	27	15	6	22	2
Hungary.....	1,160	2			17	8		38	
Ireland.....	10,178	46	14	46	235	83	79	229	20
Italy.....	13,114	187	2	31	250	77	26	91	10
Norway.....	28,363	61	27	99	1,084	96	132	275	12
Russia.....	10,961	1,264	2	20	515	37	24	111	25
Scotland.....	7,100	23	11	32	151	62	40	104	13
Sweden.....	32,195	130	38	78	1,515	100	115	464	31
Switzerland.....	3,446	9	10	17	70	11	24	190	5
Turkey.....	1,149	7	1	1	44			21	
Wales.....	1,975	4	3	11	15	18	2	12	2
Other foreign countries.....	4,331	55		16	140	43	34	75	18
NATIVE WHITE: Both parents born in—									
Austria.....	4,947	15	10	13	499	53	10	49	3
Canada—French.....	2,518	7	2	20	76	18	10	59	5
Canada—Other.....	12,038	38	48	68	433	140	92	235	13
Denmark.....	4,988	7	26	29	61	28	13	128	19
England.....	10,505	35	28	61	251	85	65	171	31
France.....	1,151	8	1	8	32	5	8	28	5
Germany.....	37,184	614	151	265	765	378	194	968	124
Holland.....	1,656	5	2	4	16	13	2	20	
Ireland.....	14,395	94	33	61	349	147	74	364	34
Italy.....	3,074	10		4	28	8	13	13	
Norway.....	18,486	26	32	83	394	78	57	221	20
Russia.....	6,136	1,050		12	104	26	5	81	4
Scotland.....	3,904	10	7	37	91	41	37	53	17
Sweden.....	18,244	52	35	59	575	55	62	377	31
Switzerland.....	2,054	8	2	8	32	10	24	162	9
Wales.....	1,639	4	8	11	19	14	2	5	5
All others of foreign parentage.....	31,926	197	96	165	1,107	264	242	978	79

¹ For changes in boundaries, etc., see page 606.

² For combined figures for Benton, Klickitat, and Yakima Counties, see Note 1 on page 606.

³ State total includes population (7,842) of Indian reservations specially enumerated in 1890, not distributed by counties.

⁴ See Note 3 on page 606.

POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

SUBJECT.	THE STATE.	Adams. ¹	Asotin. ¹	Benton. ¹	Chelan. ¹	Clallam.	Clarke.	Columbia. ¹	
SEX									
Total.. Male.....	658,663	6,366	3,095	4,566	22,737	8,484	3,868	15,039	3,868
Female.....	483,327	4,554	2,736	3,371	12,853	6,620	2,887	11,076	3,174
White.. Male.....	635,496	6,339	3,094	4,500	22,325	8,274	3,402	14,815	3,848
Female.....	473,615	4,552	2,736	3,360	12,576	6,555	2,462	11,039	3,172
Negro.. Male.....	3,736	7	1	4	32	6	2	32	2
Female.....	2,322	2	1	2	28	2	15	15	2
MALES OF VOTING AGE									
Total number.....	441,294	3,809	1,691	2,958	16,183	5,344	2,394	9,500	2,312
Number in 1900.....	196,573	1,529	961	2,958	6,859	1,695	1,850	3,987	2,188
Native white—Native parentage.....	199,779	1,725	1,214	1,705	6,161	3,415	900	5,033	1,711
Number in 1900.....	52,202	777	646	656	2,749	820	675	1,069	1,034
Native white—Foreign or mixed parentage.....	75,676	664	265	565	2,430	800	306	1,879	318
Number in 1900.....	29,002	193	154	154	965	229	298	688	298
Native white—Foreign parentage.....	49,855	400	146	354	1,583	465	242	1,194	104
Native white—Mixed parentage.....	25,821	204	119	211	847	335	154	685	154
Foreign-born white.....	147,745	1,397	211	632	7,278	943	761	2,405	204
Number in 1900.....	61,745	541	159	4	1,982	449	655	1,284	260
Negro.....	3,120	4	1	4	31	5	1	25	1
Number in 1900.....	1,290	1	1	1	19	1	3	8	1
Indian, Chinese, Japanese, and all other.....	15,495	19	1	52	203	181	250	158	19
PER CENT OF TOTAL									
Native white—Native parentage.....	45.3	45.3	71.8	57.6	38.1	63.9	40.4	53.0	74.0
Native white—Foreign or mixed parentage.....	17.1	17.4	15.7	19.1	15.0	15.0	16.5	19.8	13.8
Foreign-born white.....	33.4	36.7	12.5	21.4	45.0	17.6	32.6	25.3	11.4
CITIZENSHIP OF FOREIGN-BORN WHITE.									
Naturalized.....	68,895	649	172	341	2,474	499	466	1,242	141
Having first papers.....	15,258	132	7	79	309	105	307	307	33
Alien.....	43,202	450	4	120	3,808	188	113	455	62
Unknown.....	19,869	157	28	86	692	151	122	401	28
ILLITERACY									
ILLITERATE MALES OF VOTING AGE.									
Total number illiterate.....	10,580	181	8	41	467	188	159	210	32
Per cent illiterate.....	2.4	4.8	0.5	1.4	2.9	3.5	6.6	2.2	1.4
Per cent in 1900.....	3.4	2.9	1.1	1.4	3.3	5.2	8.9	2.0	3.5
Native white, number illiterate.....	840	14	7	7	26	10	10	20	18
Per cent illiterate.....	0.3	0.6	0.5	0.3	0.3	0.2	0.7	0.4	0.0
Foreign-born white, number illiterate.....	6,993	165	1	20	361	38	42	133	5
Per cent illiterate.....	4.7	11.8	0.5	3.2	5.0	4.0	5.4	5.5	1.9
Negro, number illiterate.....	121	2	2	10	10	10	3	3	1
Per cent illiterate.....	3.9	2	2	10	10	10	3	3	1
PERSONS 10 YEARS OLD AND OVER.									
Total number.....	933,556	8,306	4,499	6,307	29,366	12,103	5,352	20,895	5,525
Number illiterate.....	16,416	351	15	62	777	251	354	316	55
Per cent illiterate.....	2.0	4.2	0.3	1.0	2.6	2.1	6.6	1.5	1.0
Native white, number.....	670,029	5,792	4,131	5,280	18,654	10,372	3,504	16,824	5,083
Number illiterate.....	1,836	27	14	12	58	20	22	66	33
Per cent illiterate.....	0.3	0.5	0.3	0.2	0.3	0.2	0.6	0.4	0.6
Foreign-born white, number.....	234,928	2,498	366	953	10,147	1,476	1,204	3,833	421
Number illiterate.....	11,233	321	1	27	555	47	66	189	13
Per cent illiterate.....	4.8	12.9	0.3	2.8	5.5	3.2	5.5	4.9	3.1
Negro, number.....	5,517	6	1	6	59	7	2	40	1
Number illiterate.....	259	3	3	10	10	10	6	6	1
Per cent illiterate.....	4.3	3	3	10	10	10	6	6	1
PERSONS 10 TO 20 YEARS, INCLUSIVE.									
Total number.....	214,535	2,324	1,374	1,498	6,107	3,104	1,429	5,401	1,566
Number illiterate.....	1,059	33	3	5	63	22	23	23	4
Per cent illiterate.....	0.8	1.4	0.2	0.3	1.0	0.7	1.6	0.4	0.3
SCHOOL AGE AND ATTENDANCE									
Total number 6 to 20 years, inclusive.....	293,478	3,284	1,907	2,109	8,272	4,258	2,008	7,533	2,170
Number attending school.....	195,259	2,268	1,448	1,573	5,111	2,992	1,343	5,135	1,502
Per cent attending school.....	66.5	69.1	75.9	74.6	61.8	70.3	66.9	68.2	69.2
Number 6 to 9 years.....	78,943	960	533	611	2,165	1,154	579	2,072	604
Number attending school.....	59,538	709	425	495	1,593	887	429	1,502	454
Number 10 to 14 years.....	92,802	1,032	644	699	2,404	1,412	648	2,492	699
Number attending school.....	67,681	881	622	680	2,331	1,344	616	2,391	674
Number 15 to 17 years.....	57,710	623	362	421	1,486	825	393	1,468	416
Number attending school.....	30,179	440	286	310	893	585	246	998	287
Number 18 to 20 years.....	64,017	669	368	378	2,157	867	388	1,501	451
Number attending school.....	11,861	138	115	88	294	176	52	241	87
PERSONS 6 TO 14 YEARS, INCLUSIVE.									
Total number.....	171,745	1,992	1,177	1,310	4,629	2,366	1,227	4,564	1,308
Number attending school.....	147,219	1,690	1,047	1,175	3,924	2,231	1,045	3,806	1,128
Per cent attending school.....	85.7	84.8	89.0	89.7	84.8	89.9	85.2	85.4	86.6
Native white—Native parentage, number.....	99,528	975	950	959	2,683	2,011	522	2,954	1,126
Number attending school.....	85,458	806	841	856	2,289	1,733	498	2,515	967
Per cent attending school.....	85.9	82.7	88.5	89.3	85.3	86.2	85.0	85.1	85.9
Native white—Foreign or mixed parentage, number.....	60,539	796	223	321	1,598	490	445	1,490	162
Number attending school.....	52,594	691	202	297	1,360	442	388	1,284	148
Per cent attending school.....	86.9	86.8	90.6	92.5	85.5	90.2	87.2	86.2	91.4
Foreign-born white, number.....	8,674	218	4	27	271	44	23	100	15
Number attending school.....	7,278	102	4	22	219	42	28	82	13
Per cent attending school.....	83.9	88.1	4	22	80.8	1	1	82.0	1
Negro, number.....	480	3	1	1	1	1	1	5	1
Number attending school.....	390	1	1	1	1	1	1	4	1
Per cent attending school.....	81.3	1	1	1	1	1	1	4	1
DWELLINGS AND FAMILIES									
Dwellings, number.....	238,822	2,278	1,366	2,097	6,574	3,487	1,711	5,600	1,597
Families, number.....	254,092	2,312	1,370	2,127	7,021	3,576	1,747	5,739	1,631

¹ Includes 316 whites specially enumerated in 1890, not distributed by counties.

² Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Cowlitz.	Douglas. ¹	Ferry. ¹	Franklin. ¹	Garfield. ¹	Grant. ¹	Island.	Jefferson.	King.	Kitsap.
POPULATION										
Total population, 1910.....	12,561	29,227	4,800	5,153	4,199	8,698	4,704	8,337	284,638	17,647
1900.....	7,877	24,926	4,562	486	3,918	(2)	1,870	5,712	110,053	6,767
1890.....	5,917	3,161		696	3,897		1,787	8,368	63,989	4,624
1880.....	2,062						1,087	1,712	6,910	1,738
1870.....	730						626	1,268	2,120	866
Increase, 1900-1910.....	4,684	24,301	238	4,667	281	8,698	2,834	2,625	174,585	10,880
Per cent of increase.....	59.5	87.3	5.2	960.3	7.2	(2)	151.6	46.0	158.6	160.8
Increase, 1890-1900.....	1,960	1,765	3,809	-210	21		83	-2,691	45,918	2,004
Per cent of increase.....	33.1	55.8		-30.2	0.5		4.6	-32.2	71.8	43.3
Land area (square miles).....	1,153	1,787	2,220	1,206	694	2,720	208	1,747	2,111	371
Population per square mile, 1910.....	10.9	5.2	2.2	4.3	6.1	3.2	22.6	4.8	134.8	47.6
Rural population per square mile, 1910.....	10.9	5.2	2.2	4.3	6.1	3.2	22.6	2.4	21.2	39.6
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....								4,181	239,934	2,993
Same places in 1900.....								3,443	86,146	
Per cent of increase, 1900-1910.....								21.4	178.5	
Rural, 1910—Remainder of county in 1910.....	12,561	29,227	4,800	5,153	4,199	8,698	4,704	4,156	44,704	14,654
Same territory in 1900.....	7,877	(4)	4,562	486	3,918	(4)	1,870	2,269	23,907	6,767
Per cent of increase, 1900-1910.....	59.5	(4)	5.2	960.3	7.2	(4)	151.6	83.2	87.0	110.6
Urban, 1900—Places of 2,500 or more in 1900.....								3,443	85,239	
Rural, 1900—Remainder of county in 1900.....	7,877	24,926	4,562	486	3,918	(2)	1,870	2,269	24,814	6,767
Per cent in places of 2,500 or more, 1910.....								50.1	84.3	17.0
Per cent in places of 2,500 or more, 1900.....								60.3	77.5	
COLOR AND NATIVITY										
White.....	12,476	9,206	3,976	4,944	4,178	8,681	4,564	7,875	273,267	16,971
Number in 1900.....	7,802	4,891	3,880	453	3,005		1,773	6,230	105,445	6,201
Number in 1890.....	5,856	3,144		574	3,872		1,570	7,666	69,707	4,810
Negro.....	9	11	10	19	7	3		11	2,487	43
Number in 1900.....	2		14	1	1			10	603	21
Number in 1890.....	16	3						32	333	12
Black.....	5	11	6	8	7	2		9	1,507	29
Mulatto.....	4		4	11		1		2	980	14
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	76	10	814	190	14	14	140	451	8,884	693
Native white—Native parentage.....	7,921	6,408	2,259	3,153	3,279	5,004	2,044	3,803	123,769	6,889
Number in 1900.....	5,200	3,014	2,080	267	3,023		684	2,141	49,339	1,385
Native white—Foreign or mixed parentage.....	2,435	1,841	909	1,022	639	2,234	1,520	1,986	74,547	5,670
Number in 1900.....	1,671	1,111	877	107	596		594	1,618	28,717	2,444
Native white—Foreign parentage.....	1,420	1,011	501	593	291	1,516	970	1,280	47,909	4,025
Native white—Mixed parentage.....	1,015	830	408	429	348	718	556	708	26,833	1,642
Foreign-born white.....	2,120	957	808	769	260	1,443	994	2,085	74,851	4,902
Number in 1900.....	1,031	736	753	79	281		495	1,471	20,889	2,172
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	63.1	69.4	47.1	61.2	78.1	57.5	43.5	45.6	43.5	36.3
Per cent in 1900.....	66.0	61.2	45.8	54.9	77.3		39.0	57.5	45.3	27.9
Native white—Foreign or mixed parentage.....	19.4	20.0	13.9	19.8	15.2	25.7	32.4	23.3	26.2	32.1
Per cent in 1900.....	19.9	22.6	21.1	22.0	15.2		31.8	23.3	29.1	31.7
Foreign-born white.....	16.9	10.4	16.5	14.9	6.2	16.6	21.1	25.0	26.3	27.8
Per cent in 1900.....	13.1	14.9	16.5	16.3	7.2		26.5	25.3	24.4	32.1
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	151	22	25	16	7	32	30	54	3,073	80
Belgium.....	2	7	4	18		11	5	1	645	5
Canada—French.....	28	5	31	11	4	16	5	24	1,030	51
Canada—Other.....	212	186	195	86	32	133	98	331	11,350	527
Denmark.....	61	96	19	46	12	52	23	75	2,469	181
England.....	104	73	74	14	23	53	50	218	6,018	343
Finland.....	314	1	6	2		22	22	50	1,988	316
France.....	20	5	11	39	4	5	7	25	780	21
Germany.....	287	271	96	186	115	203	128	283	7,364	431
Greece.....	2	1	22	131	1	5	1	4	1,200	3
Holland.....	43	5	1	4		3	217	11	422	9
Hungary.....	7		12	5	1	2	2	9	452	8
Ireland.....	58	35	32	34	11	43	16	131	3,652	178
Italy.....	116	30	59	28	2	23	4	87	5,003	36
Norway.....	190	49	48	38	7	70	218	268	8,541	1,413
Russia.....	71	51	31	26	1	579	15	21	2,937	65
Scotland.....	28	33	24	31	11	36	12	89	2,679	145
Sweden.....	330	56	91	28	13	98	114	304	10,708	961
Switzerland.....	40	9	8	13	8	26	9	23	695	42
Turkey.....	11		1	5		5			635	4
Wales.....	11	7	5	5	1	33	3	16	855	25
Other foreign countries.....	34	15	14	7	2	10	15	62	1,673	58
NATIVE WHITE: Both parents born in—										
Austria.....	8	18	2	20	9	50	5	7	993	42
Canada—French.....	16	8	12	7	1	13	3	12	502	36
Canada—Other.....	64	63	43	28	19	49	45	77	3,378	158
Denmark.....	48	100	7	4	13	27	19	35	1,431	141
England.....	79	48	40	24	26	48	51	84	3,558	172
France.....	6	7	3	5	4	4	1	5	385	7
Germany.....	334	385	109	235	127	342	145	222	8,958	490
Holland.....	25	7	2	9		3	225	2	238	5
Ireland.....	93	81	92	69	22	67	31	94	4,683	213
Italy.....	9	2		4	1	7	3	61	1,323	17
Norway.....	88	50	31	33	15	93	202	116	4,593	1,151
Russia.....	19	29	19	23	1	475	7	4	1,113	25
Scotland.....	17	11	10	12	3	32	9	39	1,403	80
Sweden.....	113	38	47	11	8	70	85	145	5,582	608
Switzerland.....	18	10	5	13	5	13	6	16	322	2
Wales.....	4	8	4	5	3	66	5	2	673	14
All others of foreign parentage.....	479	146	75	91	34	157	128	359	8,778	867

¹ For changes in boundaries, etc., see page 606.

² For combined figures for Douglas and Grant Counties, see Note 2 on page 606.

³ See Note 3 on page 606.

⁴ Comparable figures not available; for combined figures, see Note 2 on page 606.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Cowlitz.	Douglas. ¹	Ferry. ¹	Franklin. ¹	Garfield. ¹	Grant. ¹	Island.	Jefferson.	King.	Kitsap.
SEX										
Total.. Male.....	7,562	5,197	2,849	3,240	2,288	5,000	2,796	5,571	165,012	10,402
Female.....	4,999	4,030	1,961	1,913	1,911	3,698	1,908	2,766	119,626	7,845
White.. Male.....	7,501	5,182	2,436	3,053	2,271	4,988	2,718	5,264	156,066	9,994
Female.....	4,975	4,024	1,540	1,891	1,907	3,693	1,846	2,611	117,201	8,977
Negro.. Male.....	7	5	3	13	4	2	1	6	1,606	30
Female.....	2	6	7	6	3	1	1	5	981	13
MALES OF VOTING AGE										
Total number.....	4,820	3,032	1,856	2,291	1,303	3,002	1,773	4,155	120,394	6,857
Number in 1900.....	2,524	1,606	2,439	218	1,188	772	2,369	50,255	2,509	
Native white—Native parentage.....	2,583	1,905	789	1,189	939	1,653	777	1,802	47,354	2,454
Number in 1900.....	1,519	899	1,187	92	849	586	798	23,197	1,288	
Native white—Foreign or mixed parentage.....	739	519	336	404	190	586	331	648	20,245	1,288
Number in 1900.....	377	260	590	46	159	375	143	7,238	871	
Native white—Foreign parentage.....	430	343	200	230	101	406	211	421	13,737	880
Native white—Mixed parentage.....	309	176	136	165	89	180	120	227	6,508	399
Foreign-born white.....	1,489	595	590	522	158	755	607	1,489	44,953	2,828
Number in 1900.....	628	474	593	50	174	315	315	16,577	1,202	
Negro.....	5	3	6	11	3	2	6	6	1,278	27
Number in 1900.....	1	6	1	1	1	1	1	1	258	12
Indian, Chinese, Japanese, and all other.....	24	10	199	165	13	6	58	210	6,564	260
PER CENT OF TOTAL.										
Native white—Native parentage.....	53.6	62.8	42.5	51.9	72.1	55.1	43.8	43.4	39.3	35.8
Native white—Foreign or mixed parentage.....	15.3	17.1	18.1	17.6	14.6	19.5	18.7	15.6	16.8	18.8
Foreign-born white.....	30.5	19.6	28.6	22.8	12.1	25.1	34.2	36.8	37.3	41.2
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	651	383	263	231	109	486	335	894	20,074	1,928
Having first papers.....	173	86	72	53	2	73	107	177	4,357	342
Alien.....	444	50	153	206	15	85	88	324	14,676	348
Unknown.....	201	96	42	32	32	111	77	94	5,846	210
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	86	15	235	180	6	28	20	64	1,928	128
Per cent illiterate.....	1.8	0.5	12.7	7.9	0.5	0.9	1.1	1.5	1.6	1.9
Per cent in 1900.....	2.7	2.3	7.0	5.6	1.0	6.2	6.2	2.1	4.1	
Native white, number illiterate.....	16	7	15	5	3	17	3	4	74	8
Per cent illiterate.....	0.5	0.3	1.3	0.3	0.3	0.8	0.3	0.2	0.1	0.2
Foreign-born white, number illiterate.....	57	6	45	89	3	11	5	29	1,558	70
Per cent illiterate.....	3.9	1.0	8.5	17.0	1.9	1.5	0.8	1.9	3.5	2.8
Negro, number illiterate.....	1	1	1	1	1	1	1	1	31	1
Per cent illiterate.....	20.0	33.3	16.7	9.1	33.3	50.0	100.0	16.7	2.4	3.7
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	9,860	7,026	3,799	4,161	3,192	6,635	3,694	7,074	242,815	14,115
Number illiterate.....	125	31	554	218	14	51	53	119	3,187	268
Per cent illiterate.....	1.3	0.4	14.6	5.2	0.4	0.8	1.4	1.7	1.3	1.9
Native white, number.....	7,829	6,063	2,408	3,214	2,920	5,234	2,603	4,639	159,303	8,820
Number illiterate.....	27	16	18	13	5	23	4	9	101	15
Per cent illiterate.....	0.3	0.3	0.7	0.4	0.2	0.4	0.2	0.2	0.1	0.2
Foreign-born white, number.....	2,066	942	775	748	251	1,386	998	2,065	72,981	4,765
Number illiterate.....	76	13	52	113	8	28	10	49	2,491	149
Per cent illiterate.....	3.7	1.4	6.7	15.1	3.2	2.0	1.0	2.4	3.4	3.1
Negro, number.....	7	11	9	19	7	3	3	11	2,270	43
Number illiterate.....	1	1	1	1	1	1	1	1	73	2
Per cent illiterate.....	14.3	9.1	11.1	5.3	14.3	33.3	33.3	9.1	3.2	4.7
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	2,602	2,043	891	792	926	1,823	947	1,305	46,078	3,174
Number illiterate.....	16	3	118	22	2	4	4	9	265	18
Per cent illiterate.....	0.6	0.1	13.0	2.8	0.2	0.2	0.4	0.7	0.6	0.6
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	3,609	2,833	1,268	1,133	1,326	2,582	1,303	1,773	61,649	4,581
Number attending school.....	2,412	2,080	759	755	949	1,808	869	1,155	39,454	3,179
Per cent attending school.....	66.8	73.4	59.9	66.6	71.6	70.0	66.7	65.1	64.0	70.2
Number 6 to 9 years.....	1,007	790	377	341	400	759	356	468	15,571	1,357
Number attending school.....	765	661	241	268	312	565	275	396	11,914	1,034
Number 10 to 14 years.....	1,165	919	407	345	405	917	425	547	18,457	1,531
Number attending school.....	1,112	892	337	334	394	860	409	511	17,387	1,487
Number 15 to 17 years.....	692	563	253	194	255	457	263	317	12,354	846
Number attending school.....	432	398	149	124	181	315	148	198	7,278	554
Number 18 to 20 years.....	745	561	281	263	266	449	260	441	15,267	797
Number attending school.....	103	129	32	29	62	68	37	50	2,875	104
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	2,172	1,709	784	686	805	1,676	781	1,015	34,028	2,888
Number attending school.....	1,877	1,553	578	602	706	1,425	634	907	29,301	2,521
Per cent attending school.....	86.4	90.9	73.7	87.8	87.7	85.0	87.6	89.4	86.1	87.3
Native white—Native parentage, number.....	1,529	1,297	412	500	672	997	320	479	16,737	1,002
Number attending school.....	1,333	1,178	353	441	588	836	276	430	14,395	888
Per cent attending school.....	87.2	90.8	85.7	88.2	87.5	83.9	86.3	89.8	86.0	88.0
Native white—Foreign or mixed parentage, number.....	537	378	160	152	125	516	414	436	14,287	1,581
Number attending school.....	456	344	143	130	111	452	369	396	12,405	1,373
Per cent attending school.....	84.9	91.0	89.4	85.5	88.3	87.6	88.4	90.8	86.8	86.8
Foreign-born white, number.....	84	33	43	25	7	159	30	40	2,584	217
Number attending school.....	73	30	39	24	6	135	23	37	2,169	188
Per cent attending school.....	86.9	90.9	90.7	96.0	85.7	84.9	76.7	92.5	83.0	86.6
Negro, number.....	1	1	2	4	1	1	1	1	182	1
Number attending school.....	1	1	2	4	1	1	1	1	160	1
Per cent attending school.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	82.4	100.0
DWELLINGS AND FAMILIES										
Dwellings, number.....	2,686	2,298	1,496	1,280	949	2,278	1,150	1,824	54,861	4,556
Families, number.....	2,747	2,321	1,505	1,298	950	2,306	1,168	1,858	62,539	4,625

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Kittitas. ¹	Klickitat. ¹	Lewis.	Lincoln. ¹	Mason.	Okanogan. ¹	Pacific.	Pierce.	San Juan.	Skagit. ¹
POPULATION										
Total population, 1910.....	18,561	² 10,180	32,127	17,539	5,156	12,887	12,532	120,812	3,603	29,241
1900.....	9,704	² 6,407	15,157	11,909	3,810	4,689	5,983	55,515	2,928	14,272
1890.....	8,777	5,167	11,499	9,312	2,826	1,467	4,358	50,940	2,072	8,747
1880.....		4,055	2,600		639		1,645	3,319		
1870.....		320	888		289		738	1,400	³ 554	
Increase, 1900-1910.....	8,857	² 3,773	16,970	5,570	1,346	8,198	6,549	65,297	675	14,969
Per cent of increase.....	91.3	² 58.9	112.0	46.5	35.3	174.8	109.5	117.6	23.1	104.9
Increase, 1890-1900.....	927	1,240	3,658	2,557	984	2,498	1,625	4,575	856	5,250
Per cent of increase.....	10.6	24.0	31.8	28.5	34.8	⁴ 170.3	87.3	9.0	41.3	⁴ 60.0
Land area (square miles).....	2,329	1,825	2,369	2,302	930	5,221	895	1,701	178	1,774
Population per square mile, 1910.....	8.0	5.6	13.6	7.6	5.5	2.5	14.0	71.0	20.2	16.5
Rural population per square mile, 1910.....	3.6	5.6	8.6	7.6	5.5	2.5	10.6	19.1	20.2	14.1
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....	10,084	(²)	11,818				3,023	88,287		4,168
Same places in 1900.....	4,523	(²)	3,375				777	39,598		1,476
Per cent of increase, 1900-1910.....	122.9	(²)	250.2				289.1	123.0		182.4
Rural, 1910—Remainder of county in 1910.....	8,477	² 10,180	20,309	17,539	5,156	12,887	9,509	32,525	3,603	25,073
Same territory in 1900.....	5,181	² 6,337	11,782	11,969	3,810	4,689	5,206	15,917	2,928	12,796
Per cent of increase, 1900-1910.....	63.6	² 60.6	72.4	46.5	35.3	174.8	82.7	104.3	23.1	95.9
Urban, 1900—Places of 2,500 or more in 1900.....	2,786	(²)						37,714		
Rural, 1900—Remainder of county in 1900.....	6,918	² 6,407	15,157	11,969	3,810	4,689	5,983	17,801	2,928	14,272
Per cent in places of 2,500 or more, 1910.....	54.3	(²)	36.8				24.1	73.1		14.3
Per cent in places of 2,500 or more, 1900.....	28.7	(²)						67.9		
COLOR AND NATIVITY										
White.....	18,104	9,827	31,549	17,497	4,816	12,044	12,116	117,408	3,344	28,441
Number in 1900.....	9,168	6,217	16,018	11,868	5,584	8,796	5,688	53,618	2,609	18,456
Number in 1890.....	8,210	5,104	11,586	9,237	2,793	1,362	4,112	50,421	2,036	8,436
Negro.....	247	33	79	13	6	19	3	889		30
Number in 1900.....	401	14	61	8	11	3	2	404	1	16
Number in 1890.....	318	6	26	7	2		3	376		36
Black.....	103	12	48	13	2		10	643		27
Mulatto.....	84	21	31		4		3	246		3
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	150	320	499	29	334	824	413	2,515	259	770
Native white—Native parentage.....	7,898	6,817	19,768	9,850	2,278	8,067	5,919	52,081	1,022	15,458
Number in 1900.....	4,360	4,193	9,331	6,862	1,675	2,453	2,748	21,884	1,152	6,418
Native white—Foreign or mixed parentage.....	4,771	1,861	6,558	4,929	1,229	2,243	3,012	34,090	904	6,071
Number in 1900.....	2,698	1,567	3,565	3,028	776	776	1,613	16,666	877	3,766
Native white—Foreign parentage.....	3,353	1,040	4,040	3,035	654	1,172	2,053	22,637	517	4,237
Native white—Mixed parentage.....	1,418	821	2,518	1,894	575	1,071	959	11,453	447	2,734
Foreign-born white.....	5,495	1,149	5,225	2,718	1,309	1,734	3,185	31,237	753	6,012
Number in 1900.....	2,216	607	2,122	1,863	335	667	1,327	14,953	580	3,262
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	42.6	67.0	61.5	56.2	44.2	62.6	47.2	43.1	45.0	52.9
Per cent in 1900.....	44.9	66.4	62.9	53.2	44.0	52.5	45.9	39.6	39.5	45.0
Native white—Foreign or mixed parentage.....	25.7	18.3	20.4	28.1	23.8	17.4	24.0	28.2	20.8	23.8
Per cent in 1900.....	26.7	21.2	22.2	25.3	24.3	16.5	27.0	30.0	26.3	26.3
Foreign-born white.....	29.6	11.3	16.3	15.5	25.4	13.5	25.4	25.9	21.0	20.6
Per cent in 1900.....	22.8	10.4	14.0	15.6	24.5	12.1	22.2	26.9	19.8	22.9
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	1,193	25	793	102	30	114	178	2,412	29	218
Belgium.....	16	1	17	4	1	8	9	99	8	8
Canada—French.....	26	5	76	13	08	49	21	354	10	111
Canada—Other.....	346	152	526	317	178	404	330	3,481	107	1,028
Denmark.....	99	78	166	134	43	101	110	909	15	166
England.....	799	97	283	193	85	146	96	2,591	99	347
Finland.....	51	85	370	20	248	26	632	834	29	185
France.....	52	12	34	12	21	28	22	381	6	32
Germany.....	347	206	957	773	79	201	268	3,869	83	457
Greece.....	117	129	211	10	2		107	298		94
Holland.....	12	16	24	7	2	13	5	87	1	27
Hungary.....	66		32		2	5	4	192		13
Ireland.....	122	55	196	108	66	98	64	1,229	33	174
Italy.....	1,170	21	374	84	12	55	62	1,706	2	294
Norway.....	140	66	233	68	157	115	382	5,226	66	1,057
Russia.....	256	6	204	501	30	17	243	992	40	159
Scotland.....	211	25	74	75	26	61	38	834	26	98
Sweden.....	108	107	400	170	218	167	381	4,440	72	1,318
Switzerland.....	31	42	138	38	21	21	171	521	12	84
Turkey.....	44		13	4	1		20	106		30
Wales.....	62	6	22	41	1	18	16	303	7	19
Other foreign countries.....	197	15	82	38	13	37	26	373	23	93
NATIVE WHITE: Both parents born in—										
Austria.....	639	5	351	113	8	21	32	1,092	1	49
Canada—French.....	11	3	69	2	36	30	7	281	4	60
Canada—Other.....	88	54	201	100	54	83	117	1,250	80	434
Denmark.....	71	80	159	103	45	36	61	663	7	109
England.....	447	67	184	100	39	84	97	1,287	26	212
France.....	14	3	30	17		4	4	144	1	20
Germany.....	410	219	1,130	1,165	82	361	304	4,303	66	573
Holland.....	12	9	23	6	2	13	9	43	1	16
Ireland.....	194	98	267	220	63	133	99	1,641	29	224
Italy.....	434	4	8	2		12	10	496		20
Norway.....	101	64	185	102	63	56	246	3,320	45	756
Russia.....	96	1	107	488	7	10	213	485	2	28
Scotland.....	133	16	63	38	12	48	25	409	16	66
Sweden.....	89	65	229	103	102	53	139	2,811	39	859
Switzerland.....	15	57	125	39	2	9	83	261	2	45
Wales.....	46	1	17	71		25	5	200	8	29
All others of foreign parentage.....	553	294	892	366	139	194	602	3,951	190	737

¹ For changes in boundaries, etc., see page 606.

² For combined figures for Benton, Klickitat, and Yakima Counties, see Note 1 on page 606.

³ Population returned as for the disputed islands.

⁴ See Note 3 on page 606.

STATISTICS OF POPULATION.

599

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Kittitas. ¹	Klickitat. ¹	Lewis.	Lincoln. ¹	Mason.	Okanogan. ¹	Pacific.	Pierce.	San Juan.	Skagit. ¹
SEX										
Total.. Male.....	11,282	5,835	18,724	9,635	3,266	7,530	7,783	69,606	2,071	17,135
Female.....	7,279	4,345	13,403	7,904	1,890	5,357	4,749	51,208	1,532	12,106
White... Male.....	11,011	5,604	18,243	9,601	3,093	7,130	7,494	67,030	1,916	16,601
Female.....	7,153	4,223	13,306	7,896	1,723	4,914	4,622	50,378	1,428	11,840
Negro... Male.....	139	19	47	10	4	11	2	514	2	23
Female.....	108	14	32	3	2	8	1	375	.....	7
MALES OF VOTING AGE										
Total number.....	7,536	3,644	11,409	5,454	2,274	4,852	5,258	47,722	1,313	10,827
Number in 1900.....	3,338	1,891	4,555	3,794	1,553	2,098	2,022	19,980	1,020	5,460
Native white—Native parentage.....	2,724	2,144	5,978	2,786	822	2,644	2,113	19,184	474	4,965
Number in 1900.....	1,162	1,162	2,544	2,001	569	1,010	814	7,391	351	2,096
Native white—Foreign or mixed parentage.....	1,025	583	1,604	1,128	337	810	824	7,870	296	1,693
Number in 1900.....	431	285	623	668	235	390	265	2,573	183	878
Native white—Foreign parentage.....	705	350	1,040	784	227	491	561	5,295	188	1,114
Native white—Mixed parentage.....	320	233	564	344	110	319	263	2,575	108	579
Foreign-born white.....	3,549	756	3,417	1,511	1,000	1,176	2,103	18,449	451	3,771
Number in 1900.....	1,384	377	1,160	1,054	643	430	795	8,667	366	2,106
Negro.....	116	10	26	5	4	10	2	424	.....	20
Number in 1900.....	204	6	14	3	8	3	1	186	.....	6
Indian, Chinese, Japanese, and all other.....	122	151	384	24	111	212	216	1,795	92	378
PER CENT OF TOTAL.										
Native white—Native parentage.....	36.1	58.8	52.4	51.1	36.1	54.5	40.2	40.2	30.1	45.9
Native white—Foreign or mixed parentage.....	13.6	16.0	14.1	20.7	14.8	16.7	15.7	16.5	22.5	15.6
Foreign-born white.....	47.1	20.7	30.0	27.7	44.0	24.2	40.0	38.7	34.3	34.8
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	1,269	401	1,404	857	391	580	800	8,719	253	1,867
Having first papers.....	407	84	328	125	118	157	332	1,955	49	353
Alien.....	1,577	176	1,284	227	325	260	675	5,382	105	1,076
Unknown.....	296	95	401	302	160	179	296	2,393	44	475
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	322	112	423	43	60	215	86	1,202	15	517
Per cent illiterate.....	4.3	3.1	3.7	0.8	2.6	4.4	1.6	2.5	1.1	4.8
Per cent in 1900.....	7.4	6.2	2.1	1.7	4.4	13.2	5.6	4.0	4.6	5.0
Native white, number illiterate.....	14	13	43	8	12	16	91	3	35	
Per cent illiterate.....	0.4	0.5	0.6	0.2	0.3	0.5	0.3	0.4	0.5	
Foreign-born white, number illiterate.....	262	36	355	30	27	56	48	934	11	256
Per cent illiterate.....	7.4	4.8	10.4	2.0	2.7	4.8	2.3	5.1	2.4	6.8
Negro, number illiterate.....	10	.....	3	.....	.....	.....	.....	24	.....	3
Per cent illiterate.....	8.6	.....	.....	.....	.....	.....	.....	5.7	.....	.....
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	14,766	8,034	25,047	13,453	4,234	10,050	9,995	100,250	2,898	23,082
Number illiterate.....	512	239	667	113	117	494	181	2,129	44	776
Per cent illiterate.....	3.5	3.0	2.7	0.8	2.8	4.9	1.8	2.1	1.5	3.4
Native white, number.....	9,053	6,003	19,405	10,757	2,683	7,744	6,565	60,785	1,980	16,581
Number illiterate.....	30	26	127	24	4	18	45	788	8	69
Per cent illiterate.....	0.3	0.4	0.7	0.2	0.1	0.2	0.7	0.3	0.4	0.4
Foreign-born white, number.....	5,287	1,132	5,131	2,653	1,298	1,677	3,100	30,379	723	5,844
Number illiterate.....	413	52	494	84	40	70	82	1,078	23	357
Per cent illiterate.....	7.8	4.6	9.6	3.2	3.1	4.2	2.6	5.5	3.2	6.1
Negro, number.....	219	22	56	9	5	17	3	306	.....	30
Number illiterate.....	19	1	7	.....	1	.....	.....	40	.....	5
Per cent illiterate.....	8.7	.....	.....	.....	.....	.....	.....	5.0	.....	.....
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	3,387	2,050	6,959	4,066	969	2,382	2,258	22,212	777	5,882
Number illiterate.....	37	38	52	12	5	46	25	140	4	80
Per cent illiterate.....	1.1	1.9	0.7	0.3	0.5	1.9	1.1	0.6	0.5	1.4
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	4,761	2,871	9,630	5,617	1,341	3,430	3,175	30,026	1,086	8,201
Number attending school.....	3,174	1,920	6,264	4,016	887	2,354	1,969	19,729	724	5,272
Per cent attending school.....	66.7	66.9	65.0	71.5	66.1	68.6	62.0	65.7	67.0	64.3
Number 6 to 9 years.....	1,374	821	2,671	1,551	372	1,048	917	7,814	289	2,319
Number attending school.....	1,086	589	1,946	1,116	271	748	658	6,176	226	1,648
Number 10 to 14 years.....	1,446	902	3,130	1,873	448	1,149	976	9,419	337	2,532
Number attending school.....	1,384	841	2,904	1,801	415	1,053	915	8,956	330	2,445
Number 15 to 17 years.....	873	551	1,927	1,115	238	602	568	6,086	221	1,591
Number attending school.....	817	517	1,166	614	152	430	324	3,417	136	943
Number 18 to 20 years.....	1,068	597	1,902	1,078	283	631	714	6,707	219	1,709
Number attending school.....	187	127	248	285	49	123	92	1,180	32	236
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	2,820	1,723	5,801	3,424	820	2,197	1,893	17,233	626	4,901
Number attending school.....	2,470	1,430	4,850	2,917	680	1,801	1,553	15,132	556	4,093
Per cent attending school.....	87.6	83.0	83.6	85.2	83.7	82.0	82.0	87.8	88.8	83.5
Native white—Native parentage, number.....	1,863	1,304	4,009	2,061	411	1,560	993	7,904	342	2,909
Number attending school.....	1,206	1,111	3,350	1,777	335	1,317	804	6,919	307	2,443
Per cent attending school.....	88.5	85.2	83.6	86.2	81.5	84.4	81.0	87.5	89.8	84.0
Native white—Foreign or mixed parentage, number.....	1,140	359	1,618	1,225	322	417	719	7,967	199	1,698
Number attending school.....	994	291	1,344	1,024	281	357	606	7,056	178	1,443
Per cent attending school.....	87.2	81.1	83.1	83.6	87.3	85.6	84.3	88.6	89.4	85.0
Foreign-born white, number.....	282	16	338	135	17	72	122	1,152	41	207
Number attending school.....	241	13	126	113	14	53	101	989	32	158
Per cent attending school.....	85.5	.....	91.3	83.7	.....	.....	82.8	85.9	.....	76.3
Negro, number.....	30	0	16	3	.....	.....	.....	.....	.....	.....
Number attending school.....	28	4	15	3	.....	.....	.....	54	.....	.....
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES										
Dwellings, number.....	3,748	2,554	6,357	3,907	1,128	3,616	2,601	24,003	847	6,498
Families, number.....	3,877	2,606	6,560	3,943	1,146	3,683	2,755	25,948	869	6,648

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

SUBJECT.	Skamania.	Snohomish.	Spokane. ¹	Stevens. ¹	Thurston.	Wahkiakum.	Walla Walla. ¹	Whatcom. ¹	Whitman. ¹	Yakima. ¹
POPULATION										
Total population, 1910.....	2,887	59,209	139,404	25,297	17,551	3,285	31,931	49,511	33,280	41,798
1900.....	1,688	25,950	57,542	10,543	9,927	2,819	18,680	24,116	25,360	13,402
1890.....	774	8,514	37,457	4,341	9,675	2,526	12,224	18,591	19,109	4,426
1880.....	809	1,387	4,262	1,245	3,270	1,598	8,716	3,187	7,014	2,811
1870.....	133	599	(²)	734	2,246	270	5,300	534		432
Increase, 1900-1910.....	1,199	35,259	81,862	14,754	7,654	466	13,251	25,395	7,920	28,247
Per cent of increase.....	71.0	147.2	142.3	139.9	77.1	16.5	70.9	105.3	31.2	209.3
Increase 1890-1900.....	914	14,968	20,055	4,513	252	293	6,456	4,516	6,251	6,814
Per cent of increase.....	118.1	175.8	53.5	129.3	2.6	11.6	52.8	27.8	32.7	153.8
Land area (square miles).....	1,685	2,064	1,756	3,866	709	267	1,265	2,082	2,108	5,065
Population per square mile, 1910.....	1.7	28.7	79.4	6.5	24.8	12.3	25.2	23.8	15.8	8.1
Rural population per square mile, 1910.....	1.7	28.7	18.1	6.5	14.9	12.3	9.9	13.1	13.2	5.1
URBAN AND RURAL TERRITORY.										
Urban, 1910—Places of 2,500 or more in 1910.....		28,058	107,678		6,996		19,364	24,298	5,385	14,082
Same places in 1900.....		9,939	36,848		3,863		10,049	11,062	3,429	3,154
Per cent of increase, 1900-1910.....		152.3	192.2		81.1		92.7	119.7	57.0	346.5
Rural, 1910—Remainder of county in 1910.....	2,887	31,151	31,726	25,297	10,555	3,285	12,567	25,213	27,895	27,716
Same territory in 1900.....	1,688	14,011	20,694	10,543	6,064	2,819	8,631	13,054	21,931	9,258
Per cent of increase, 1900-1910.....	71.0	122.3	53.3	139.9	74.6	16.5	45.6	93.1	27.2	195.3
Urban, 1900—Places of 2,500 or more in 1900.....		7,838	36,848		3,863		10,049	11,062		3,154
Rural, 1900—Remainder of county in 1900.....	1,688	10,112	20,694	10,543	6,064	2,819	8,631	13,054	25,360	10,302
Per cent in places of 2,500 or more, 1910.....		47.4	77.2		39.8		60.6	49.1	16.2	33.8
Per cent in places of 2,500 or more, 1900.....		32.7	64.0		38.9		53.8	45.9		23.4
COLOR AND NATIVITY										
White.....	2,807	57,873	137,513	24,413	17,003	3,060	31,278	48,464	33,169	39,131
Number in 1900.....	1,607	22,992	66,185	9,684	9,717	2,645	18,109	22,612	25,160	11,490
Number in 1890.....	736	8,168	36,810	3,053	9,332	2,178	11,829	18,192	18,938	4,271
Negro.....	3	219	1,170	12	24	2	152	56	12	35
Number in 1900.....		101	595	20	10	4	51	33	10	8
Number in 1890.....		16	206	13	7	3	34	48	14	1
Black.....	3	186	926	7	13	2	124	34	11	23
Mulatto.....		33	244	5	11		28	22	1	6
Ind., Chi., Jap., and all other (see Tables 1 and 15).....	77	1,117	721	872	554	223	501	991	99	2,216
Native white—Native parentage.....	1,620	27,339	74,645	14,770	10,612	863	21,666	24,319	23,622	25,911
Number in 1900.....	843	10,694	30,680	5,940	5,002	392	12,654	10,351	18,460	7,851
Native white—Foreign or mixed parentage.....	604	16,974	36,040	5,308	3,611	1,102	5,776	13,838	6,210	8,151
Number in 1900.....	433	6,943	14,818	2,159	2,398	939	3,320	6,684	4,443	2,371
Native white—Foreign parentage.....	366	10,630	21,436	2,821	1,940	849	3,271	8,399	3,416	4,581
Native white—Mixed parentage.....	248	6,444	14,604	2,487	1,671	253	2,505	5,439	2,794	3,570
Foreign-born white.....	583	13,660	26,828	4,335	2,780	1,095	3,836	10,307	3,337	5,071
Number in 1900.....	332	6,455	10,687	1,485	1,427	814	2,135	5,097	2,267	1,281
PER CENT OF TOTAL POPULATION.										
Native white—Native parentage.....	56.1	46.2	53.5	58.4	60.4	26.3	67.0	49.1	71.0	62.1
Per cent in 1900.....	49.9	44.2	53.5	56.3	59.5	31.6	67.7	44.9	72.8	58.1
Native white—Foreign or mixed parentage.....	20.9	28.7	25.9	21.0	20.5	33.5	18.1	27.9	18.7	19.1
Per cent in 1900.....	25.7	29.0	25.8	20.5	24.1	35.3	17.8	27.3	17.5	17.1
Foreign-born white.....	20.2	22.9	19.2	17.1	15.8	33.3	12.0	20.8	10.0	12.1
Per cent in 1900.....	19.7	22.8	18.6	14.1	14.4	28.9	11.4	21.1	8.9	9.1
FOREIGN NATIONALITIES										
FOREIGN-BORN WHITE: Born in—										
Austria.....	14	266	842	544	136	102	51	335	96	101
Belgium.....	1	58	128	12	8	7	14	26	4	2
Canada—French.....	5	251	395	111	65	15	68	150	33	37
Canada—Other.....	41	2,444	4,944	784	395	46	500	2,135	403	372
Denmark.....	16	445	738	86	94	10	86	720	82	13
England.....	27	829	2,453	245	311	22	331	690	219	501
Finland.....	22	459	310	71	249	285	6	108	10	2
France.....	2	92	225	16	15	10	147	38	30	8
Germany.....	56	1,458	4,150	605	455	63	605	1,062	725	611
Greece.....	43	204	196	90	42		152	67	204	24
Holland.....	4	140	193	36	9	1	11	442	44	28
Hungary.....		32	143	41	16	1	10	12		2
Ireland.....	10	413	1,309	154	161	33	307	337	154	20
Italy.....	29	248	1,772	371	188	39	259	101	100	16
Norway.....	71	3,000	2,279	307	146	251	72	1,999	151	24
Russia.....	18	221	738	35	40	10	719	207	614	111
Scotland.....	6	290	897	88	72	11	118	249	94	28
Sweden.....	55	2,366	3,990	497	223	164	137	1,603	181	36
Switzerland.....	34	147	342	137	58	6	78	165	133	5
Turkey.....	57	11	55	16	6	4	34	6	7	1
Wales.....	2	71	217	21	24	2	21	49	23	1
Other foreign countries.....	64	115	512	68	67	4	50	94	30	25
NATIVE WHITE: Both parents born in—										
Austria.....	5	112	245	122	19	29	9	173	67	4
Canada—French.....	5	163	247	40	49	6	36	92	14	55
Canada—Other.....	15	894	1,627	266	154	26	167	802	167	38
Denmark.....	1	281	423	53	69	8	65	472	73	7
England.....	12	485	1,225	121	154	12	200	397	182	31
France.....	5	53	148	8	6	3	61	42	10	6
Germany.....	70	1,965	5,927	699	533	54	867	1,455	1,106	1,091
Holland.....	1	132	76	18	7		11	436	37	22
Ireland.....	26	574	2,213	254	162	32	457	414	281	40
Italy.....	12	22	338	45	9		121	23		1
Norway.....	61	2,817	1,643	249	72	154	67	1,337	136	22
Russia.....	3	68	425	4	23	22	440	98	557	6
Scotland.....	13	150	453	57	51	11	102	131	74	12
Sweden.....	29	1,240	2,476	253	89	108	112	1,083	163	24
Switzerland.....	38	84	190	89	31	3	60	111	108	3
Wales.....	65	170	23	14	2	2	23	45	21	2
All others of foreign parentage.....	50	1,835	3,610	530	498	378	473	1,288	420	68

¹ For changes in boundaries, etc., see page 606.

² For combined figures for Benton, Klickitat, and Yakima Counties, see Note 1 on page 606.

³ Spokane reported as part of Stevens in 1870.

⁴ See Note 3 on page 606.

STATISTICS OF POPULATION.

POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

SUBJECT.	Skamania.	Snohomish.	Spokane. ¹	Stevens. ¹	Thurston.	Wahkiakum.	Walla Walla. ¹	Whatcom. ¹	Whitman. ¹	Yakima. ¹
SEX										
Total.. Male.....	1,841	34,399	77,317	14,801	10,003	2,047	18,272	27,341	18,156	23,679
Female.....	1,046	24,810	62,087	10,496	7,578	1,238	13,659	22,170	15,124	18,030
White.. Male.....	1,792	33,551	75,852	14,352	9,554	1,878	17,686	20,710	18,053	22,275
Female.....	1,015	24,322	61,661	10,061	7,449	1,182	13,592	21,754	15,116	10,864
Negro.. Male.....	1	115	808	11	13	2	104	30	10	214
Female.....	2	104	362	1	11	.....	48	26	2	140
MALES OF VOTING AGE										
Total number.....	1,255	22,477	52,416	9,272	6,524	1,385	11,892	16,656	10,410	15,064
Number in 1900.....	666	9,221	21,690	3,713	3,145	1,231	7,864	8,877	7,465	4,251
Native white—Native parentage.....	558	9,437	24,791	4,538	3,329	286	7,073	7,419	6,749	8,390
Number in 1900.....	305	3,707	10,640	1,882	1,705	373	5,097	3,419	5,000	2,822
Native white—Foreign or mixed parentage.....	235	4,082	10,501	1,568	1,009	266	1,953	3,154	1,615	2,520
Number in 1900.....	188	1,644	3,888	663	544	161	981	1,068	1,042	685
Native white—Foreign parentage.....	141	2,786	6,947	966	591	191	1,244	2,026	952	1,671
Native white—Mixed parentage.....	94	1,296	3,554	602	418	75	700	1,128	663	849
Foreign-born white.....	436	8,415	15,806	2,917	1,806	684	2,316	5,668	1,946	3,233
Number in 1900.....	213	3,465	6,249	976	800	546	1,296	2,946	1,268	756
Negro.....	1	93	701	11	12	2	88	23	9	156
Number in 1900.....	.....	50	341	9	4	.....	32	16	3	93
Indian, Chinese, Japanese, and all other.....	25	450	617	238	374	147	462	392	88	705
PER CENT OF TOTAL.										
Native white—Native parentage.....	44.5	42.0	47.3	48.9	51.0	20.6	59.5	44.5	64.8	55.7
Native white—Foreign or mixed parentage.....	18.7	18.2	20.0	16.9	15.5	19.2	16.4	18.9	16.5	10.7
Foreign-born white.....	34.7	37.4	30.2	31.5	27.6	40.4	10.5	34.0	18.7	21.5
CITIZENSHIP OF FOREIGN-BORN WHITE.										
Naturalized.....	167	4,314	7,306	1,341	854	357	1,129	3,015	1,033	1,510
Having first papers.....	53	801	1,013	379	101	134	154	552	153	286
Alien.....	204	2,016	4,015	873	600	148	633	1,207	418	902
Unknown.....	22	1,194	2,872	324	185	45	400	894	345	535
ILLITERACY										
ILLITERATE MALES OF VOTING AGE.										
Total number illiterate.....	67	508	922	362	333	49	349	346	137	536
Per cent illiterate.....	5.3	2.3	1.8	3.9	5.1	3.5	2.9	2.1	1.3	3.6
Per cent in 1900.....	3.9	2.6	2.2	0.6	4.2	2.6	2.0	5.7	1.8	2.9
Native white, number illiterate.....	3	41	97	20	30	3	31	33	24	50
Per cent illiterate.....	0.4	0.3	0.3	0.3	0.7	0.5	0.3	0.3	0.3	0.5
Foreign-born white, number illiterate.....	60	393	686	227	241	33	231	194	91	175
Per cent illiterate.....	13.8	4.7	4.3	7.8	13.4	4.8	10.0	3.4	4.7	5.4
Negro, number illiterate.....	.....	0	9	.....	1	.....	2	1	2	12
Per cent illiterate.....	.....	.....	1.3	.....	.....	.....	.....	.....	.....	7.7
PERSONS 10 YEARS OLD AND OVER.										
Total number.....	2,328	47,787	115,416	19,710	14,274	2,617	26,607	39,416	25,819	33,609
Number illiterate.....	82	1,013	1,507	612	444	74	593	632	267	1,128
Per cent illiterate.....	4.0	2.1	1.3	3.1	3.1	2.8	2.3	1.6	1.0	3.4
Native white, number.....	1,665	33,456	87,521	14,797	11,029	1,304	21,679	28,036	22,463	26,573
Number illiterate.....	8	90	222	43	46	7	65	81	63	109
Per cent illiterate.....	0.5	0.3	0.3	0.3	0.4	0.5	0.3	0.3	0.3	0.4
Foreign-born white, number.....	577	13,288	26,061	4,224	2,724	1,065	3,600	9,988	3,257	4,980
Number illiterate.....	70	726	1,108	280	308	50	431	333	181	246
Per cent illiterate.....	12.1	5.5	4.2	6.6	11.3	4.7	11.7	3.3	5.6	4.9
Negro, number.....	2	198	1,067	12	23	2	138	48	12	307
Number illiterate.....	.....	17	22	.....	2	.....	6	3	2	18
Per cent illiterate.....	.....	8.6	2.0	.....	.....	.....	4.3	.....	.....	5.9
PERSONS 10 TO 20 YEARS, INCLUSIVE.										
Total number.....	521	11,607	25,541	5,003	3,564	623	6,544	10,599	7,666	8,481
Number illiterate.....	5	64	161	56	53	11	55	47	20	104
Per cent illiterate.....	1.0	0.6	0.6	1.1	1.5	1.8	0.8	0.4	0.4	1.2
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	720	15,990	34,641	7,169	4,896	866	8,904	14,549	10,489	11,588
Number attending school.....	445	10,248	22,812	4,895	3,346	533	6,334	10,148	7,789	7,597
Per cent attending school.....	61.9	64.1	65.9	68.3	68.3	61.5	71.1	69.8	74.4	65.0
Number 6 to 9 years.....	199	4,383	9,100	2,166	1,332	243	2,360	3,950	2,823	3,107
Number attending school.....	124	3,132	6,961	1,566	947	179	1,725	3,165	2,179	2,191
Number 10 to 14 years.....	240	5,161	10,929	2,373	1,635	235	2,808	4,789	3,413	3,719
Number attending school.....	233	4,829	10,164	2,220	1,567	232	2,748	4,530	3,313	3,430
Number 15 to 17 years.....	120	3,143	6,839	1,353	939	137	1,768	2,969	2,159	2,312
Number attending school.....	76	1,802	4,281	885	626	91	1,238	1,859	1,659	1,528
Number 18 to 20 years.....	161	3,303	7,773	1,277	990	201	1,911	2,891	2,094	2,450
Number attending school.....	13	485	1,406	218	206	31	573	594	648	448
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Total number.....	439	9,544	20,029	4,539	2,967	498	5,228	8,689	6,236	6,826
Number attending school.....	357	7,961	17,125	3,792	2,514	411	4,473	7,695	5,492	5,621
Per cent attending school.....	81.3	83.4	85.5	83.5	84.7	82.5	85.6	88.0	88.1	82.3
Native white—Native parentage, number.....	298	4,764	12,309	3,019	2,046	135	3,991	4,586	4,715	4,624
Number attending school.....	249	3,993	10,478	2,686	1,752	118	3,411	4,063	4,168	3,848
Per cent attending school.....	83.6	83.8	85.1	85.7	85.6	87.4	85.5	88.6	88.4	83.2
Native white—Foreign or mixed parentage, number.....	112	4,095	6,771	1,202	811	263	1,014	3,406	1,398	1,672
Number attending school.....	90	3,548	5,886	1,001	685	231	874	3,004	1,422	1,422
Per cent attending school.....	80.4	86.0	86.9	83.3	84.5	81.6	86.2	90.0	87.6	85.0
Foreign-born white, number.....	10	422	874	139	69	58	210	524	121	136
Number attending school.....	7	354	696	109	54	47	176	402	98	104
Per cent attending school.....	.....	83.9	79.6	78.4	.....	.....	83.8	88.2	81.0	76.5
Negro, number.....	1	19	64	.....	.....	.....	11	0	1	47
Number attending school.....	.....	16	57	.....	.....	.....	10	3	1	31
Per cent attending school.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DWELLINGS AND FAMILIES										
Dwellings, number.....	667	12,690	28,004	6,316	3,827	716	6,169	11,063	7,091	8,932
Families, number.....	689	13,129	30,512	6,385	3,963	725	6,430	11,439	7,234	9,321

¹ Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE II.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 25,000 OR MORE.

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

SUBJECT.	TOTAL, CITIES NAMED.	Seattle. ¹	Spo- kane. ¹	Taco- ma. ¹	SUBJECT.	TOTAL, CITIES NAMED.	Seattle. ¹	Spo- kane. ¹	Taco- ma. ¹
POPULATION					MALES OF VOTING AGE				
Total population, 1910.....	425,339	237,194	104,402	83,743	Total number.....	174,849	101,685	40,254	32,519
1900.....	155,233	80,671	36,848	37,714	Number in 1900.....	68,452	39,503	14,944	14,005
1890.....	98,755	42,837	19,022	36,006	Native white—Native parentage.....	74,316	41,632	18,893	13,791
1880.....	3,533	3,533	.....	.....	Number in 1900.....	32,268	19,034	7,259	5,375
1870.....	1,107	1,107	.....	.....	Native white—Foreign or mixed parentage.....	31,114	17,323	8,147	5,644
Increase, 1900-1910.....	270,106	156,523	67,554	46,029	Number in 1900.....	10,355	5,442	2,857	2,056
Per cent of increase.....	174.0	194.0	183.3	122.0	Native white—Foreign parentage.....	20,909	11,749	5,345	3,815
Increase, 1890-1900.....	56,468	37,834	16,926	1,708	Native white—Mixed parentage.....	10,205	5,574	2,802	1,820
Per cent of increase.....	57.2	88.3	85.0	4.7	Foreign-born white.....	60,677	36,097	12,389	12,191
COLOR AND NATIVITY					PER CENT OF TOTAL.				
White.....	412,645	227,753	103,071	81,821	Native white—Native parentage.....	42.5	40.9	46.9	41.0
Number in 1900.....	149,386	76,815	36,101	36,470	Native white—Foreign or mixed parentage.....	17.8	17.0	20.2	17.1
Number in 1890.....	96,997	42,066	19,367	35,574	Foreign-born white.....	34.7	35.5	30.8	37.0
Negro.....	3,797	2,296	723	778	CITIZENSHIP OF FOREIGN-BORN WHITE.				
Number in 1900.....	1,089	406	376	307	Naturalized.....	27,741	16,438	5,495	5,808
Number in 1890.....	839	286	190	303	Having first papers.....	5,013	3,068	1,374	1,171
Black.....	2,408	1,434	490	555	Alien.....	18,469	11,474	3,451	3,544
Mulatto.....	1,299	862	224	213	Unknown.....	8,854	5,117	2,069	1,663
Indian.....	135	24	13	98	ILLITERACY				
Chinese.....	1,186	924	239	23	ILLITERATE MALES OF VOTING AGE.				
Japanese.....	7,497	6,127	352	1,018	Total number illiterate.....	2,778	1,373	709	696
All other.....	79	70	4	5	Per cent illiterate.....	1.6	1.4	1.8	2.1
Native white—Native parentage.....	106,830	105,784	54,574	36,481	Per cent in 1900.....	1.0	1.5	2.0	3.7
Number in 1900.....	78,682	38,810	18,756	15,116	Native white, number illiterate.....	97	42	24	31
Native white—Foreign or mixed parentage.....	112,283	61,134	27,277	23,877	Per cent illiterate.....	0.1	0.1	0.1	0.2
Number in 1900.....	40,428	19,349	9,883	11,196	Foreign-born white, number illiterate.....	2,275	1,145	556	574
Native white—Foreign parentage.....	71,140	39,074	16,304	15,762	Per cent illiterate.....	3.7	3.2	4.5	4.7
Native white—Mixed parentage.....	41,148	22,060	10,973	8,115	Negro, number illiterate.....	39	24	4	11
Foreign-born white.....	103,518	60,835	21,220	21,463	Per cent illiterate.....	2.1	2.0	1.3	3.1
Number in 1900.....	36,276	18,656	7,482	10,168	PERSONS 10 YEARS OLD AND OVER.				
PER CENT OF TOTAL POPULATION.					Total number.....	362,758	205,028	87,529	70,201
Native white—Native parentage.....	40.3	44.6	52.3	43.6	Number illiterate.....	4,595	2,217	1,123	1,255
Per cent in 1900.....	46.8	48.1	50.9	40.1	Per cent illiterate.....	1.3	1.1	1.3	1.8
Native white—Foreign or mixed parentage.....	26.4	25.8	26.1	28.5	Native white, number.....	250,051	136,830	65,650	47,571
Per cent in 1900.....	26.0	24.0	26.8	29.7	Number illiterate.....	242	113	64	65
Foreign-born white.....	24.3	25.6	20.3	25.6	Per cent illiterate.....	0.1	0.1	0.1	0.1
Per cent in 1900.....	23.4	23.1	20.3	25.9	Foreign-born white, number.....	100,808	59,345	20,625	20,838
SEX					Number illiterate.....	3,798	1,820	898	1,080
Total..... Male.....	241,774	136,773	57,513	47,488	Per cent illiterate.....	3.8	3.1	4.4	5.2
Female.....	183,565	100,421	46,889	36,255	Negro, number.....	3,486	2,125	659	702
White..... Male.....	231,858	129,263	56,569	46,026	Number illiterate.....	98	57	16	25
Female.....	180,787	98,490	46,502	35,795	Per cent illiterate.....	2.8	2.7	2.4	3.6
Negro..... Male.....	2,216	1,394	391	431	PERSONS 10 TO 20 YEARS, INCLUSIVE.				
Female.....	1,581	902	332	347	Total number.....	70,530	37,353	17,934	15,243
FOREIGN NATIONALITIES					Number illiterate.....	373	185	103	85
FOREIGN-BORN WHITE: Born in—					Per cent illiterate.....	0.5	0.5	0.6	0.6
Australia.....	377	286	50	41	SCHOOL AGE AND ATTENDANCE				
Austria.....	4,001	2,025	712	1,264	Total number 6 to 20 years, inclusive.....	93,804	49,294	24,150	20,360
Belgium.....	526	403	87	36	Number attending school.....	59,620	31,099	15,259	13,262
Canada—French.....	1,407	836	310	291	Per cent attending school.....	63.6	63.1	63.2	65.1
Canada—Other.....	16,496	9,850	4,029	2,617	Number 6 to 9 years.....	23,274	11,941	6,216	5,117
Denmark.....	3,089	1,879	568	642	Number attending school.....	17,749	9,005	4,639	4,105
England.....	9,617	5,797	1,983	1,837	Number 10 to 14 years.....	28,025	14,491	7,297	6,237
Finland.....	1,791	1,298	270	223	Number attending school.....	20,248	13,584	6,724	5,940
France.....	1,083	646	164	273	Number 15 to 17 years.....	19,023	10,077	4,776	4,171
Germany.....	11,472	6,172	2,755	2,545	Number attending school.....	11,180	5,903	2,883	2,334
Greece.....	1,365	963	144	258	Number 18 to 20 years.....	23,482	12,785	5,802	4,835
Holland.....	553	317	168	68	Number attending school.....	4,443	2,547	1,013	883
Hungary.....	573	345	126	102	PERSONS 6 TO 14 YEARS, INCLUSIVE.				
Ireland.....	5,112	3,176	1,020	916	Total number.....	51,299	26,432	13,513	11,354
Italy.....	6,200	3,454	1,544	1,202	Number attending school.....	43,997	22,589	11,363	10,045
Montenegro.....	6,359	3,73	11	5	Per cent attending school.....	85.8	85.5	84.1	88.5
Norway.....	12,071	7,191	1,874	3,908	Native white—Native parentage.....	26,666	13,373	8,111	5,182
Russia.....	3,952	2,578	609	765	Number attending school.....	22,787	11,402	6,705	4,560
Scotland.....	3,643	2,276	742	625	Per cent attending school.....	85.5	85.7	83.4	88.0
Sweden.....	15,202	8,676	3,343	3,183	Native white—Foreign or mixed parentage.....	20,647	10,801	4,636	5,210
Switzerland.....	931	458	202	271	Number attending school.....	17,921	9,285	3,985	4,651
Turkey.....	728	589	30	100	Per cent attending school.....	86.8	86.0	86.0	89.3
Wales.....	748	470	171	107	Foreign-born white.....	3,494	1,958	696	840
Other foreign countries.....	1,292	777	299	216	Number attending school.....	2,893	1,606	553	734
NATIVE WHITE: Both parents born in—					Per cent attending school.....	82.8	82.0	79.5	87.4
Austria.....	1,317	531	189	597	DWELLINGS AND FAMILIES				
Canada—French.....	835	424	202	209	Dwellings, number.....	80,094	43,559	20,282	16,263
Canada—Other.....	5,182	2,921	1,299	962	Families, number.....	91,772	51,042	22,676	18,054
Denmark.....	1,793	1,011	300	482	PER CENT OF TOTAL.				
England.....	4,778	2,914	943	921	Native white—Native parentage.....	42.5	40.9	46.9	41.0
France.....	538	315	114	109	Native white—Foreign or mixed parentage.....	17.8	17.0	20.2	17.1
Germany.....	14,631	7,726	4,035	2,870	Foreign-born white.....	34.7	35.5	30.8	37.0
Ireland.....	7,191	4,118	1,797	1,776	CITIZENSHIP OF FOREIGN-BORN WHITE.				
Italy.....	1,650	945	310	404	Naturalized.....	27,741	16,438	5,495	5,808
Norway.....	7,441	3,780	1,282	2,379	Having first papers.....	5,013	3,068	1,374	1,171
Russia.....	1,656	935	376	345	Alien.....	18,469	11,474	3,451	3,544
Scotland.....	1,844	1,175	367	302	Unknown.....	8,854	5,117	2,069	1,663
Sweden.....	8,543	4,518	1,965	2,060	ILLITERACY				
Switzerland.....	503	244	117	142	ILLITERATE MALES OF VOTING AGE.				
Wales.....	625	393	140	92	Total number illiterate.....	2,778	1,373	709	696
All others of foreign parentage.....	12,804	7,124	2,868	2,612	Per cent illiterate.....	1.6	1.4	1.8	2.1

¹ For changes in boundaries, etc., see page 606.² Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 10,000 TO 25,000.

SUBJECT.	TOTAL, CITIES NAMED.	Aberdeen.	Bellingham. ¹	Everett.	North Yakima.	Walla Walla. ¹
COLOR AND NATIVITY						
Total population, 1910.....	96,218	13,660	24,298	24,814	14,082	19,364
1900.....	35,850	3,747	11,062	7,838	3,154	10,040
Native white—Native parentage.....	51,153	5,238	12,198	12,036	8,692	12,989
Native white—Foreign or mixed parentage.....	23,424	3,202	6,690	7,014	3,004	3,544
Foreign-born white.....	20,166	5,154	5,152	5,472	2,027	2,301
Negro.....	864	45	44	185	170	114
Indian, Chinese, Japanese, and all other.....	911	21	244	107	183	356
FOREIGN NATIONALITIES						
FOREIGN-BORN WHITE: <i>Born in—</i>						
Austria.....	1,137	707	106	82	51	11
Canada—French.....	455	62	55	129	160	50
Canada—Other.....	3,486	505	1,193	1,125	379	283
Denmark.....	504	97	163	163	43	38
England.....	1,360	138	400	408	209	205
Finland.....	1,209	1,050	37	118	4	111
France.....	225	29	20	37	28	11
Germany.....	2,086	357	521	548	227	433
Greece.....	545	148	51	154	105	27
Holland.....	180	19	42	55	56	8
Ireland.....	801	108	211	187	98	201
Italy.....	455	135	67	64	128	61
Norway.....	2,012	562	955	1,277	86	32
Russia.....	1,204	293	175	56	49	631
Scotland.....	531	61	151	120	123	76
Sweden.....	2,395	665	762	796	106	68
Switzerland.....	187	22	46	44	25	50
Wales.....	83	9	37	16	8	13
Other foreign countries.....	411	98	70	93	85	65
NATIVE WHITE: <i>Both parents born in—</i>						
Austria.....	534	389	77	48	13	7
Canada—French.....	457	37	51	70	247	32
Canada—Other.....	1,296	136	440	480	148	91
Denmark.....	321	29	111	105	43	33
England.....	776	73	207	243	123	130
France.....	133	11	28	24	20	50
Germany.....	2,880	288	750	837	454	551
Holland.....	146	8	38	47	45	8
Ireland.....	1,196	156	271	305	172	292
Italy.....	60	21	15	14	6	4
Norway.....	1,839	182	693	834	69	31
Russia.....	533	47	84	23	21	358
Scotland.....	295	34	60	81	51	69
Sweden.....	1,252	203	442	493	61	53
Switzerland.....	143	9	39	35	15	45
Wales.....	71	6	36	4	10	15
All others of foreign parentage.....	2,386	474	671	694	263	284
SEX						
Total... Male.....	54,714	9,026	13,172	14,108	7,905	10,593
Female.....	41,504	4,634	11,126	10,706	6,177	8,861
White... Male.....	53,633	8,987	12,982	13,938	7,637	10,089
Female.....	41,110	4,607	11,028	10,534	6,086	8,005
Negro... Male.....	323	24	22	91	111	75
Female.....	241	21	22	94	65	39
MALES OF VOTING AGE						
Total number.....	37,058	6,791	8,529	9,690	5,462	6,588
Native white—Native parentage.....	17,457	2,167	3,915	4,500	2,949	3,926
Native white—Foreign or mixed parentage.....	6,372	960	1,636	1,758	980	1,038
Foreign-born white.....	12,287	3,627	2,818	3,204	1,300	1,230
Negro.....	263	23	15	74	90	60
CITIZENSHIP OF FOREIGN-BORN WHITE.						
Naturalized.....	5,633	1,255	1,430	1,673	584	682
Having first papers.....	1,000	320	234	244	105	88
Alien.....	3,862	1,765	673	665	456	273
Unknown.....	1,792	248	472	712	164	196
ILLITERACY						
Total number 10 years old and over.....	79,832	11,574	20,059	20,695	11,858	15,746
Number illiterate.....	1,153	122	211	324	142	354
Native white 10 years old and over.....	58,908	6,453	14,790	15,077	9,531	13,057
Number illiterate.....	116	11	27	20	18	40
Foreign-born white 10 years old and over.....	19,604	5,056	5,015	5,364	1,997	2,232
Number illiterate.....	920	101	171	286	99	263
Negro 10 years old and over.....	506	44	36	165	160	101
Number illiterate.....	40	10	2	13	11	4
Illiterate males of voting age.....	635	77	121	160	99	178
SCHOOL AGE AND ATTENDANCE						
Total number 6 to 20 years, inclusive.....	24,738	2,728	6,601	6,275	3,511	5,623
Number attending school.....	16,672	1,565	4,602	4,028	2,361	4,116
PERSONS 6 TO 14 YEARS, INCLUSIVE.						
Total number.....	13,859	1,368	3,694	3,505	1,941	3,291
Number attending school.....	12,197	1,183	3,337	3,075	1,722	2,880
Native white—Native parentage, number.....	8,383	661	2,083	1,828	1,353	2,468
Number attending school.....	7,344	576	1,851	1,567	1,198	2,152
Native white—Foreign or mixed parentage, number.....	4,653	575	1,388	1,535	624	631
Number attending school.....	4,155	499	1,271	1,350	469	566
Foreign-born white, number.....	750	131	235	160	44	180
Number attending school.....	644	107	212	133	41	151
Negro, number.....	50	1	5	18	16	10
Number attending school.....	37	1	2	15	10	9
DWELLINGS AND FAMILIES						
Dwellings, number.....	19,118	2,347	5,302	4,953	2,778	3,738
Families, number.....	20,543	2,656	5,620	5,314	2,992	3,961

¹ For changes in boundaries, etc., see page 606.

² Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

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

SUBJECT.	TOTAL PLACES NAMED.	Anacortes.	Bremerton. ¹	Centralia.	Chehalis.	Cle Elum. ¹	Colfax.	Ellensburg.	Hillyard. ¹	Hoquiam.
SEX, COLOR, AND NATIVITY										
Total population, 1910.....	83,373	4,188	2,993	7,311	4,507	2,749	2,783	4,209	3,276	8,171
1900.....	80,990	1,476		1,600	1,775		2,121	1,737		2,608
Male.....	48,443	2,434	1,693	4,353	2,548	1,668	1,463	2,436	1,817	5,155
Female.....	35,830	1,734	1,300	2,958	1,959	1,081	1,320	1,773	1,459	3,016
Native white—Native parentage.....	46,862	2,159	1,355	5,064	2,969	774	1,898	2,651	1,786	3,571
Native white—Foreign or mixed parentage.....	20,033	1,048	628	1,215	898	805	499	924	990	2,077
Foreign-born white.....	15,898	844	667	951	631	1,145	367	499	493	2,407
Negro.....	338	4	14	23	4	21	3	63		9
Indian, Chinese, Japanese, and all other.....	842	113	29	58	5	4	16	72	7	107
MALES OF VOTING AGE										
Total number.....	32,873	1,624	1,214	2,997	1,518	1,092	916	1,735	1,222	3,641
Native white—Native parentage.....	16,191	717	490	1,787	877	269	559	988	589	1,394
Native white—Foreign or mixed parentage.....	5,777	306	302	454	258	100	150	324	373	535
Foreign-born white.....	9,758	501	393	695	379	705	194	329	253	1,613
Naturalized.....	4,437	244	289	248	172	207	67	204	147	480
Negro.....	165	3	9	8	1	15	2	28		3
ILLITERACY										
Total number 10 years old and over.....	69,132	3,411	2,478	6,015	3,715	2,070	2,274	3,549	2,627	6,756
Number illiterate.....	949	81	22	83	8	9	25	48	1	260
Native white 10 years old and over.....	52,641	2,496	1,779	4,693	3,088	960	1,908	2,925	2,161	4,280
Number illiterate.....	87	9		11	1	2	3	7	1	15
Foreign-born white 10 years old and over.....	15,482	805	659	945	619	1,085	348	493	459	2,361
Number illiterate.....	663	16	13	72	7	5	20	12		241
Negro 10 years old and over.....	312	4	14	19	4	21	3	59		9
Number illiterate.....	24	1				2		6		
Illiterate males of voting age.....	586	62	16	73	5	6	7	32	1	145
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	21,729	1,091	606	1,851	1,440	673	826	997	812	1,872
Number attending school.....	14,660	700	403	1,190	997	410	622	697	568	1,074
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Native white, number.....	11,749	585	358	1,025	714	361	466	501	475	903
Number attending school.....	10,338	513	307	916	647	300	426	452	433	781
Foreign-born white, number.....	573	50	12	15	26	70	20	6	35	64
Number attending school.....	489	42	10	14	22	63	14	5	28	48
Negro, number.....	29			5				6		
Number attending school.....	27			5				5		
DWELLINGS AND FAMILIES										
Dwellings, number.....	17,655	927	800	1,395	804	555	609	785	690	1,440
Families, number.....	18,468	963	900	1,483	923	579	637	850	738	1,565

SUBJECT.	Olympia. ¹	Port Townsend.	Pullman.	Puyallup.	Renton. ¹	Roslyn.	Snohomish.	South Bend.	Vancouver.	Wenatchee.
SEX, COLOR, AND NATIVITY										
Total population, 1910.....	6,996	4,181	2,602	4,544	2,740	3,126	3,244	3,023	9,300	4,050
1900.....	3,863	3,443	1,308	1,884		2,786	2,101	711	3,126	451
Male.....	3,678	2,691	1,393	2,295	1,577	1,891	1,680	1,921	5,536	2,205
Female.....	3,318	1,490	1,209	2,249	1,163	1,235	1,555	1,102	3,764	1,845
Native white—Native parentage.....	4,613	1,917	2,065	2,983	729	317	1,838	1,511	5,687	2,975
Native white—Foreign or mixed parentage.....	1,429	1,224	356	966	1,007	1,142	875	687	2,287	676
Foreign-born white.....	829	969	175	568	1,003	1,556	521	784	1,129	360
Negro.....	21	5		9	1	111	9	3	34	4
Indian, Chinese, Japanese, and all other.....	104	66	6	18			1	38	163	35
MALES OF VOTING AGE										
Total number.....	2,400	2,027	890	1,365	1,044	1,208	1,008	1,342	3,898	1,442
Native white—Native parentage.....	1,434	941	600	825	234	87	534	508	2,237	1,001
Native white—Foreign or mixed parentage.....	401	398	114	231	222	136	208	226	837	202
Foreign-born white.....	407	632	100	296	588	934	262	533	674	210
Naturalized.....	259	437	54	202	293	301	147	199	345	112
Negro.....	11	3		7		51	4	2	10	2
ILLITERACY										
Total number 10 years old and over.....	5,857	3,565	2,189	3,796	2,182	2,360	2,652	2,495	7,854	3,287
Number illiterate.....	21	43	6	11	77	137	1	3	82	31
Native white 10 years old and over.....	4,917	2,531	2,011	3,222	1,218	776	2,124	1,700	6,548	2,904
Number illiterate.....	13	3	1		14	2			15	
Foreign-born white 10 years old and over.....	819	966	172	555	963	1,488	518	767	1,118	347
Number illiterate.....	4	24	5	5	63	128	1	3	23	21
Negro 10 years old and over.....	20	5		9	1	101	9	3	28	3
Number illiterate.....	1			1		7			4	
Illiterate males of voting age.....	15	24	3	4	39	71		2	56	25
SCHOOL AGE AND ATTENDANCE										
Total number 6 to 20 years, inclusive.....	1,884	940	752	1,409	708	813	991	710	2,285	1,069
Number attending school.....	1,339	627	595	1,093	462	531	649	406	1,543	784
PERSONS 6 TO 14 YEARS, INCLUSIVE.										
Native white, number.....	1,073	523	350	784	380	406	557	354	1,222	617
Number attending school.....	951	476	310	725	335	358	448	299	1,111	550
Foreign-born white, number.....	15	20		16	56	96	12	19	10	16
Number attending school.....	12	20		16	51	83	10	17	18	16
Negro, number.....				1		14			2	1
Number attending school.....				1		13			2	1
DWELLINGS AND FAMILIES										
Dwellings, number.....	1,635	903	542	1,089	602	640	774	556	1,820	863
Families, number.....	1,745	922	590	1,123	618	655	783	592	1,894	918

¹For changes in boundaries, etc., see page 606.

STATISTICS OF POPULATION.

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

SEATTLE.

SUBJECT.	THE CITY.	WARD.													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
SEX, COLOR, AND NATIVITY															
Total population, 1910.....	237,194	19,311	18,235	21,814	12,255	14,389	10,358	34,051	19,570	17,896	11,178	12,071	14,870	16,128	15,070
Male.....	136,773	16,222	10,972	11,016	8,432	9,793	7,063	16,709	10,026	9,568	5,706	6,099	7,907	8,745	8,515
Female.....	100,421	3,089	7,263	10,798	3,823	4,596	3,295	17,342	9,544	8,328	5,470	5,972	6,963	7,383	6,555
Native white—Native parentage.....	105,784	5,806	5,677	9,631	5,752	7,719	4,148	16,378	9,508	8,718	6,499	6,253	6,856	6,024	6,825
Native white—Foreign or mixed parentage.....	61,134	2,305	4,918	6,520	2,632	2,770	2,321	9,352	5,482	4,992	2,857	3,305	4,194	5,383	4,062
Foreign-born white.....	60,835	5,006	6,508	5,209	3,353	3,626	3,681	7,772	4,432	3,853	1,771	2,431	3,567	4,689	4,037
Negro.....	2,236	452	398	288	59	73	102	290	53	293	16	66	144	28	36
Indian, Chinese, Japanese, and all other.....	7,145	4,842	739	160	459	201	106	224	100	40	33	16	109	4	110
FOREIGN-BORN WHITE: Born in—															
Austria.....	2,025	593	289	80	80	93	241	89	118	56	14	25	115	67	185
Canada—French.....	836	28	70	71	51	55	39	94	78	59	25	35	71	127	33
Canada—Other.....	9,850	455	647	1,088	516	594	430	1,586	907	682	441	544	664	653	643
Denmark.....	1,879	122	198	147	91	100	107	173	123	168	41	93	159	240	117
England.....	5,797	353	471	606	343	499	331	800	487	338	223	252	422	204	413
Finland.....	1,298	174	27	88	86	41	44	192	89	107	43	49	31	273	54
France.....	649	110	66	50	45	69	44	75	27	17	12	12	25	10	78
Germany.....	6,172	579	514	593	371	386	326	831	423	350	183	260	483	329	533
Greece.....	963	251	82	10	147	90	149	69	53	6	1	2	.....	51	42
Ireland.....	3,176	329	274	341	243	276	222	382	221	182	83	110	200	123	190
Italy.....	3,454	456	1,519	79	101	59	71	182	134	64	29	40	196	17	507
Norway.....	7,191	590	293	293	299	277	615	910	708	564	140	292	288	1,425	443
Russia.....	2,578	342	733	676	108	73	103	141	30	44	10	38	83	94	37
Scotland.....	2,270	162	183	237	170	141	112	345	227	159	79	99	160	54	148
Sweden.....	8,679	655	479	507	573	495	1,520	545	808	344	485	359	893	406	406
Other foreign countries.....	4,018	710	603	328	105	180	354	383	262	133	91	95	301	129	208
MALES OF VOTING AGE															
Total number.....	101,685	14,877	7,694	7,625	7,536	8,788	6,001	12,021	6,978	6,289	3,785	3,809	4,889	5,435	5,980
Native white—Native parentage.....	41,632	4,409	2,139	3,274	3,371	4,532	2,214	5,458	3,175	2,814	2,093	1,894	2,051	1,849	2,389
Native white—Foreign or mixed parentage.....	17,323	1,349	1,089	1,686	1,303	1,454	939	2,452	1,435	1,168	757	901	1,014	1,040	
Foreign-born white.....	36,037	4,993	3,524	2,520	2,472	2,601	2,704	3,538	2,262	2,030	878	1,150	1,802	2,558	2,445
Naturalized.....	10,435	1,448	1,394	1,422	1,167	924	1,197	2,108	1,020	1,208	518	655	852	1,351	1,144
Negro.....	1,204	289	168	120	37	40	55	131	24	239	5	21	50	11	14
ILLITERACY AND SCHOOL ATTENDANCE															
Total number 10 years old and over.....	205,028	18,405	15,249	18,748	11,733	13,810	9,577	29,947	16,771	14,700	9,377	9,584	11,746	13,082	12,299
Number illiterate.....	2,217	381	915	146	59	36	66	113	78	65	10	61	120	67	100
Illiterate males of voting age.....	1,373	284	651	35	45	30	48	39	39	26	5	20	58	40	53
Total number 6 to 20 years, inclusive.....	49,264	1,696	4,200	5,035	1,297	1,557	1,497	7,192	4,459	4,529	2,898	3,107	3,886	4,694	3,247
Number attending school.....	31,099	741	2,432	3,323	667	659	772	4,872	2,808	2,961	2,156	2,183	2,340	3,048	2,137
DWELLINGS AND FAMILIES															
Dwellings, number.....	43,559	1,488	3,371	4,554	931	793	1,099	6,133	4,086	4,178	2,560	3,100	3,808	3,529	3,939
Families, number.....	51,042	1,652	3,856	5,384	1,802	1,287	1,626	8,375	4,889	4,454	2,714	3,178	3,909	3,740	4,176

SPOKANE.

SUBJECT.	THE CITY.	WARD.				
		1	2	3	4	5
SEX, COLOR, AND NATIVITY						
Total population, 1910.....	104,402	25,120	18,954	13,442	21,911	24,975
Male.....	57,513	13,209	13,289	7,023	11,092	12,840
Female.....	46,889	11,851	5,665	6,419	10,819	12,135
Native white—Native parentage.....	54,574	12,589	8,575	7,063	12,552	13,795
Native white—Foreign or mixed parentage.....	27,277	7,098	4,208	3,370	5,783	6,820
Foreign-born white.....	21,250	5,096	5,585	2,844	3,484	4,281
Negro.....	723	285	138	114	84	102
Indian, Chinese, Japanese, and all other.....	608	54	408	61	8	27
FOREIGN-BORN WHITE: Born in—						
Austria.....	712	114	352	84	56	106
Canada—French.....	310	59	93	33	44	81
Canada—Other.....	4,029	844	782	544	915	944
Denmark.....	568	136	144	50	103	136
England.....	1,983	413	465	263	431	411
Finland.....	270	27	97	121	12	13
Germany.....	2,755	725	502	449	506	573
Ireland.....	1,020	186	302	132	152	248
Italy.....	1,544	501	538	211	30	203
Norway.....	1,874	641	470	152	246	305
Russia.....	609	166	143	146	72	82
Scotland.....	742	143	211	96	153	134
Sweden.....	3,343	880	852	330	550	731
Switzerland.....	202	57	52	32	34	27
Wales.....	171	59	48	16	21	23
Other foreign countries.....	1,088	146	464	136	148	144
MALES OF VOTING AGE						
Total number.....	40,254	8,487	11,610	4,995	7,207	7,955
Native white—Native parentage.....	18,693	3,873	4,656	2,498	3,851	4,015
Native white—Foreign or mixed parentage.....	8,147	1,714	2,200	935	1,561	1,737
Foreign-born white.....	12,389	2,734	4,281	1,479	1,755	2,140
Naturalized.....	5,495	1,279	1,415	630	981	1,190
Negro.....	305	119	74	38	34	40
ILLITERACY AND SCHOOL ATTENDANCE						
Total number 10 years old and over.....	87,529	20,084	17,843	11,067	17,989	19,946
Number illiterate.....	1,123	230	367	301	40	179
Illiterate males of voting age.....	709	111	297	225	14	62
Total number 6 to 20 years, inclusive.....	24,150	6,537	2,439	3,031	5,415	6,723
Number attending school.....	15,259	4,326	1,074	1,885	3,545	4,429
DWELLINGS AND FAMILIES						
Dwellings, number.....	20,282	5,542	1,621	2,348	5,075	5,006
Families, number.....	22,676	5,960	2,423	2,921	5,449	5,923

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

TACOMA.

SUBJECT.	THE CITY.	WARD.							
		1	2	3	4	5	6	7	8
SEX, COLOR, AND NATIVITY									
Total population, 1910.....	83,743	8,038	10,833	17,524	14,878	15,195	6,291	5,872	5,112
Male.....	47,488	4,179	5,896	11,955	8,473	7,874	3,492	2,883	2,735
Female.....	36,255	3,859	4,937	5,569	6,405	7,321	2,799	2,989	2,376
Native white—Native parentage.....	36,481	3,646	5,468	7,617	6,013	5,794	2,738	2,790	2,466
Native white—Foreign or mixed parentage.....	23,877	2,208	2,803	3,902	4,708	5,241	1,859	1,744	1,414
Foreign-born white.....	21,463	2,045	2,410	4,914	4,002	4,001	1,617	1,306	1,168
Negro.....	778	39	58	398	39	148	35	23	38
Indian, Chinese, Japanese, and all other.....	1,144	102	94	693	116	11	42	.....	86
FOREIGN-BORN WHITE: Born in—									
Austria.....	1,264	416	32	86	281	154	156	15	124
Canada—French.....	261	19	29	42	30	34	20	18	19
Canada—Other.....	2,617	308	453	433	419	416	204	219	167
Denmark.....	642	39	54	128	133	124	52	62	50
England.....	1,837	186	348	327	242	302	169	107	156
France.....	273	18	39	136	24	24	14	3	15
Germany.....	2,545	123	283	547	553	629	224	115	71
Greece.....	258	7	55	123	59	.....	14	.....	.....
Ireland.....	916	118	106	206	178	179	58	38	33
Italy.....	1,202	11	43	691	223	93	61	74	6
Norway.....	3,906	321	362	817	821	879	244	220	242
Russia.....	765	9	62	157	179	305	41	19	2
Scotland.....	625	56	142	108	73	93	68	46	39
Sweden.....	3,183	307	273	768	537	592	188	343	175
Switzerland.....	271	4	12	47	72	73	45	8	10
Other foreign countries.....	898	105	117	298	128	104	50	28	59
MALES OF VOTING AGE									
Total number.....	32,910	2,873	4,451	9,860	5,489	4,555	2,189	1,764	1,729
Native white—Native parentage.....	19,791	1,069	2,127	4,458	2,073	1,644	855	814	721
Native white—Foreign or mixed parentage.....	5,644	526	596	1,285	1,015	954	354	335	279
Foreign-born white.....	12,191	1,182	1,225	3,308	2,335	1,900	898	695	638
Naturalized.....	5,808	529	710	1,365	1,138	1,034	386	370	276
Negro.....	351	10	29	218	15	47	11	10	11
ILLITERACY AND SCHOOL ATTENDANCE									
Total number 10 years old and over.....	70,201	6,824	9,843	15,805	11,979	11,908	4,981	4,767	4,094
Number illiterate.....	1,255	93	35	275	283	241	164	92	72
Illiterate males of voting age.....	696	62	23	175	162	89	111	36	38
Total number 6 to 20 years, inclusive.....	20,360	1,943	2,243	2,873	3,081	4,581	1,751	1,636	1,352
Number attending school.....	13,282	1,320	1,480	1,668	2,400	3,094	1,160	1,148	932
DWELLINGS AND FAMILIES									
Dwellings, number.....	16,253	1,842	1,664	2,170	3,034	3,435	1,440	1,444	1,224
Families, number.....	18,054	1,908	2,191	2,884	3,283	3,561	1,405	1,489	1,243

NOTES REGARDING CHANGES IN BOUNDARIES, ETC.

COUNTIES.

ADAMS.—Organized from part of Whitman in 1883.
 ASOTIN.—Organized from part of Garfield in 1883.
 BENTON.—Organized from parts of Klickitat and Yakima in 1905.
 CHELAN.—Organized from parts of Kittitas and Okanogan in 1899.
 COLUMBIA.—Organized from part of Walla Walla in 1875; part taken to form Garfield in 1881.
 DOUGLAS.—Organized from part of Lincoln in 1883; part taken to form Grant in 1909.
 FERRY.—Organized from part of Stevens in 1899.
 FRANKLIN.—Organized from part of Whitman in 1883.
 GARFIELD.—Organized from part of Columbia in 1881; part taken to form Asotin in 1883.
 GRANT.—Organized from part of Douglas in 1909.
 KITTITAS.—Organized from part of Yakima in 1883; part taken to form part of Chelan in 1899.
 KLIKITAT.—Part taken to form part of Benton in 1905.
 LINCOLN.—Organized from part of Spokane in 1883; part taken to form Douglas in 1883.
 OKANOGAN.—Organized from part of Stevens in 1883; part taken to form part of Chelan in 1899.
 SKAGIT.—Organized from part of Whatcom in 1883.
 SPOKANE.—Organized from part of Stevens in 1879; part taken to form Lincoln in 1883.
 STEVENS.—Parts taken to form Spokane in 1879, Okanogan in 1883, and Ferry in 1899.
 WALLA WALLA.—Parts taken to form Whitman in 1871 and Columbia in 1875.
 WHATCOM.—Part taken to form Skagit in 1883.
 WHITMAN.—Organized from part of Walla Walla in 1871; parts taken to form Adams and Franklin in 1883.
 YAKIMA.—Parts taken to form Kittitas in 1883 and part of Benton in 1905.
 NOTE 1.—Benton, Klickitat, and Yakima Counties combined.—Total population: 1910, 59,826; 1900, 19,869; increase, 1900-1910, 39,957; per cent of increase, 201.1.

Urban population—1910, 14,082; same places in 1900, 3,154; per cent of increase, 346.5. Rural population—1910, 45,744; same territory in 1900, 16,715; per cent of increase, 173.7. Urban population—1900, 3,154; rural population—1900, 16,715. Per cent in places of 2,500 or more in 1910, 23.5. Per cent in places of 2,500 or more in 1900, 15.9.

NOTE 2.—Douglas and Grant Counties combined.—Total population: 1910, 17,925; 1900, 4,926; increase, 1900-1910, 12,999; per cent of increase, 263.9. Rural population—1910, 17,925; same territory in 1900, 4,926; per cent of increase, 263.9. Rural population—1900, 4,926.

NOTE 3.—In computing this increase the population of Indian reservations in 1900 has been deducted from the total population of the county, in order to make that total 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: Chehalis, 193; Chlallam, 417; Ferry, 753; Jefferson, 35; King, 146; Kitsap, 139; Okanogan, 724; Skagit, 275; Snohomish, 408; Stevens, 589; Whatcom, 359; and Yakima, 2,219.

INCORPORATED PLACES.

BELLINGHAM.—Fairhaven and New Whatcom cities consolidated under the name of Bellingham city in 1903.

BREMERTON.—Incorporated in 1901.

CLE ELUM.—Incorporated in 1904.

HILLYARD.—Incorporated in 1907.

OLYMPIA.—Part taken to form Peninsula precinct in 1908.

RENTON.—Incorporated in 1904.

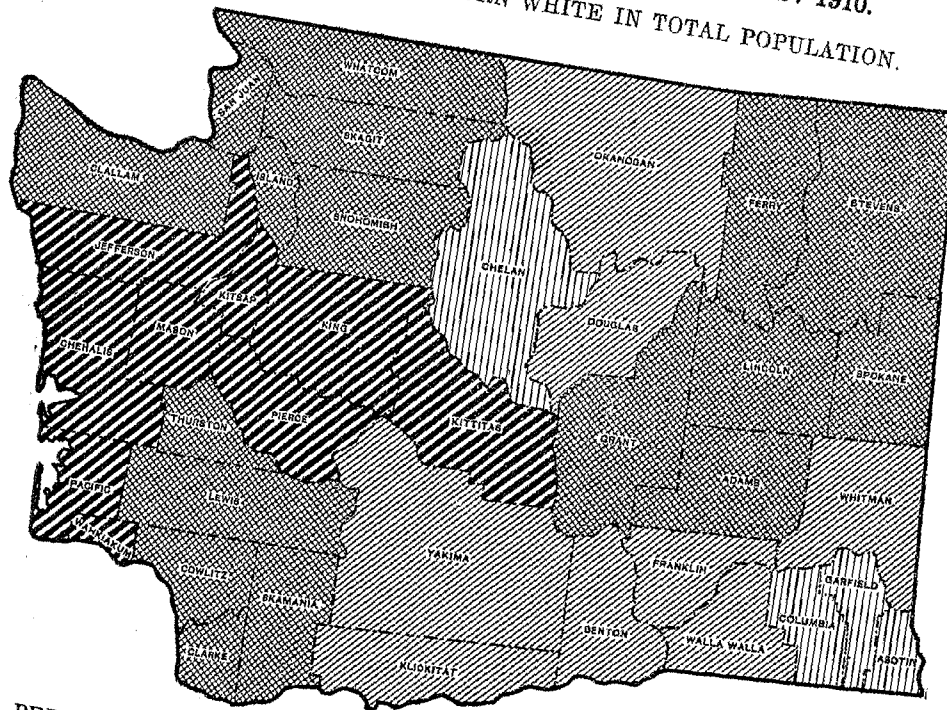
SEATTLE.—Part of Fulton precinct annexed in 1905, Ballard city, Columbia town, West Seattle precinct, and parts of Dunlap and Duwamish precincts annexed in 1907, and Georgetown city annexed in 1910.

SPOKANE.—Parts of Five Mile, Marshall, Mead, Moran, and Opportunity precincts annexed in 1907.

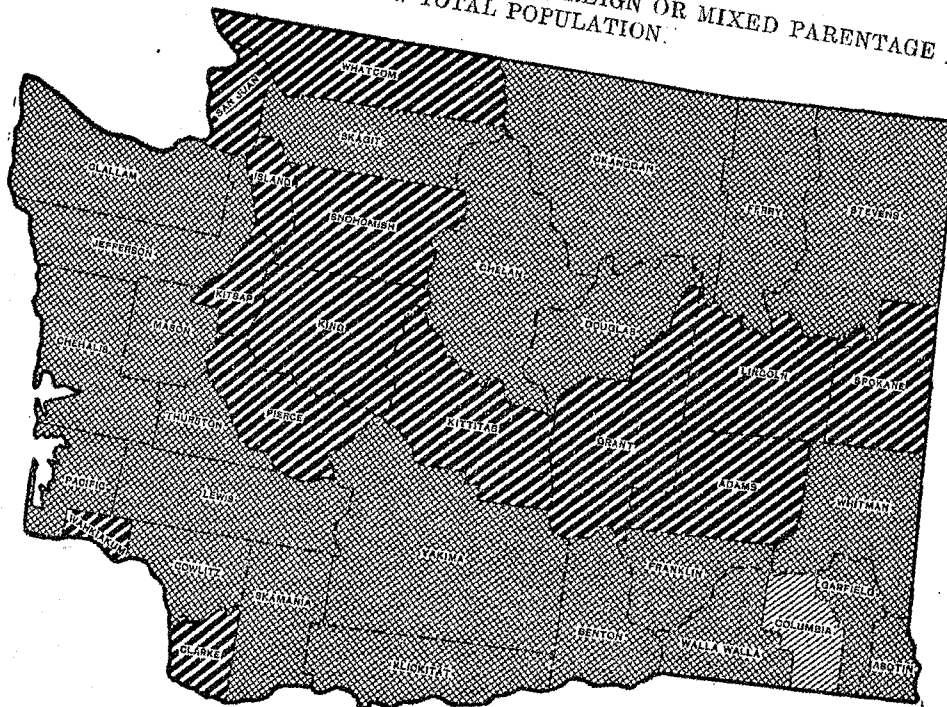
TACOMA.—Part of Reservation precinct annexed in 1907, parts of Hunts Prairie precinct annexed in 1907 and 1909, and parts of Fern Hill, Larchmont, and Midland precincts annexed in 1909.

WALLA WALLA.—Parts of Small, Ritz, and Baker precincts annexed in 1906, 1907, and 1908, respectively.

PROPORTION OF FOREIGN-BORN WHITE AND NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE OF WASHINGTON, BY COUNTIES; 1910.
 PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION.



PER CENT OF NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE IN TOTAL POPULATION.



Less than 5 per cent.
 5 to 10 per cent.
 10 to 15 per cent.
 15 to 25 per cent.
 25 to 35 per cent.
 35 to 50 per cent.
 50 per cent and over.

CHAPTER 3.

STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents a complete statement of the statistics of agriculture for Washington collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

Definitions.—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 animals, fowls, 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. Further, 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 1909.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operations 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, tenants, and managers.

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 "owners" being then restricted to those owning all their land.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre.

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

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved land, woodland being included with unimproved land. *Improved*

land includes all land regularly tilled or mowed, land pastured and cropped in rotation, 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.

Total value of farm products.—No attempt has been made at this census to compute or even to estimate approximately the total value of farm products. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time are the following:

(1) The duplication resulting from the feeding of farm crops to farm livestock, when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total value of the products of each farm fed to the live stock on that farm, but, aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

(2) The fact that farmers may buy domestic animals during the census year, which are subsequently sold or slaughtered during the same year, and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products cut, during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

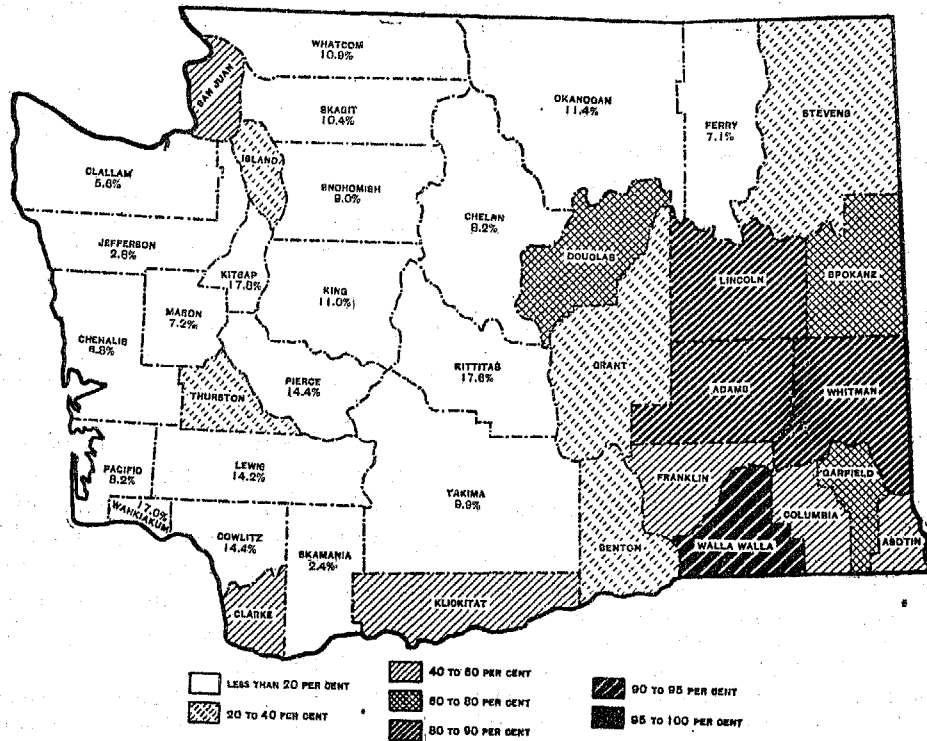
(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate, but that those for minor crops and for dairy and poultry products are frequently understatements, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN WASHINGTON, BY COUNTIES: 1910.

PER CENT OF LAND AREA IN FARMS.

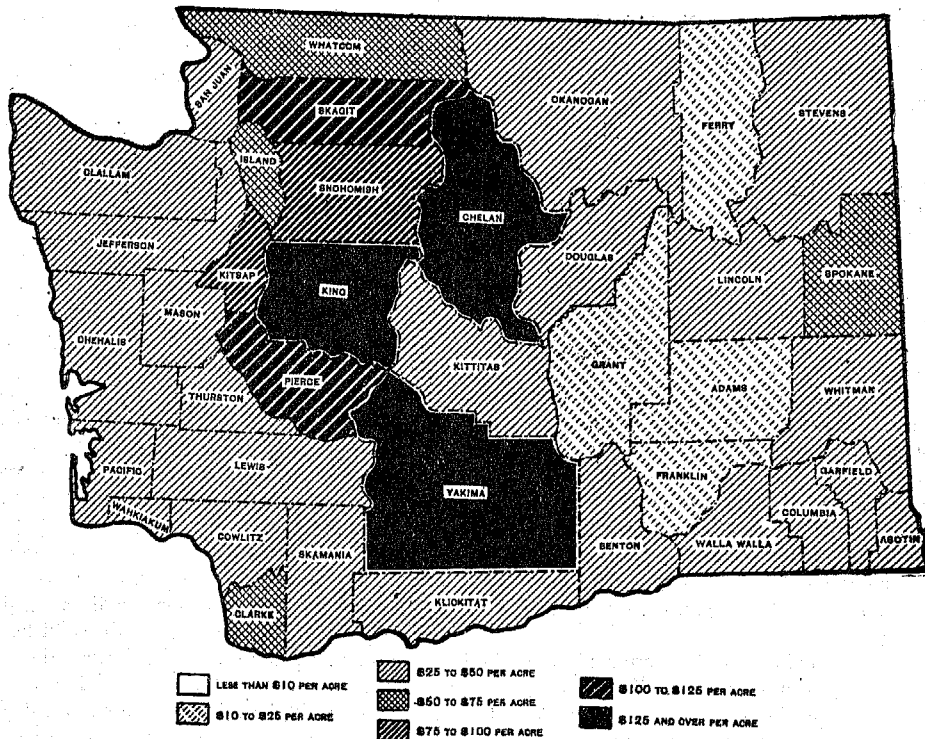
[Per cent for the state, 27.4.]

The per cent of land area in farms, when less than 20, is inserted under the county name.



AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$44.18.]



FARMS AND FARM PROPERTY.

Washington ranks nineteenth in land area and thirtieth in population among the states of continental United States. The state ranges in elevation from sea level at the Pacific Ocean and Puget Sound to altitudes in excess of 14,000 feet in the Cascade Ranges. The coast country consists of benches and river valleys in the immediate vicinity of the sea. The Olympic Mountains, in the northwestern portion of the state, and the Coast Ranges, in the southwestern portion, constitute mountainous masses which separate this coast country through the greater portion of its extent from the basin of the Puget Sound region and from the basin traversed by the lower Columbia River. This interior valley rises to altitudes of 600 or 700 feet, and is bounded on the east by the foothills and ranges of the Cascade Mountains.

The state is crossed from north to south by the high ranges of the Cascade Mountains, which separate western from eastern Washington. Eastern Washington consists of the broad valley of the Columbia River, flanked on the east by numerous high mountain ranges with included valleys. The south central portion of the state consists of a high rolling plateau district, with numerous valleys and basins, which constitutes a portion of the great Intermountain Plateau region lying between the Cascade Mountains and the Rocky Mountains. The extreme southeastern portion of Washington is also mountainous in the vicinity of the Snake River.

The soils of the western coastal portion of the state at the lower elevations consist of silty loams and silty clay loams derived from the weathering of sandstones, shales, and basaltic rocks. The region is crossed by numerous alluvial valleys, where loams and silty clays predominate. The greater part of the agriculture of the region is confined to the alluvial valleys. The Columbia River Basin and the southern portion of the Puget Sound Basin are occupied by similar soils. All of the northern portion of the Puget Sound Basin has been glaciated, and the level benches and rolling uplands are occupied by a great variety of stony, gravelly, and sandy loam soils. Alluvial bottoms and partially filled lake basins are numerous in this region. Included areas of rough mountain country and the greater portion of the higher elevations are heavily forested, as are also the rough, rugged, and nonagricultural regions of the Olympic Mountains, the Coast Ranges, and the Cascade Ranges.

The intermountain valleys in the north central and northeastern portions of the state consist chiefly of glacial deposits and of glacial outwash. The mountain ridges are forested.

The western portion of the great Intermountain Plateau region is arid and the soils consist of fine sands,

sandy loams, and clay soils derived from basaltic rocks, volcanic ash, and ancient lake sediments. The more easterly portion of the plateau region consists of high rolling to somewhat mountainous country, the soils of which are derived from the weathering of basaltic rock, and to a considerable extent from the fine silty wind blown material which has been deposited over the rolling country in eastern and southeastern Washington.

The two maps on the opposite page show, for the different counties, the proportion of the total land area which is in farms and the average value of farm land per acre. Of the state's entire land area more than one-fourth (27.4 per cent) is in farms. As shown by the first map, the counties in which the proportion is highest are located largely in the southeastern part of the state. Thus in one county (Walla Walla) the proportion is 91.4 per cent, while in three counties it is from 80 to 90 per cent, and in three others between 60 and 80 per cent. The proportion is between 40 and 60 per cent in six counties, of which five are on or near the southern border of the state, and one, San Juan, on Puget Sound. In five counties the proportion of land in farms is between 20 and 40 per cent; of these, three are in the eastern part of the state and two in the western part. In 20 counties, located mostly in the mountainous regions of the western and central portions of the state, the proportion is less than 20 per cent. The proportion varies considerably among these 20 counties, ranging from 2.4 per cent in Skamania County to 17.8 in Kitsap County.

For the state as a whole, the average value of farm land per acre is \$44.18. As shown by the second map, the average value is in no county less than \$10, while in three counties, located in the central and west central parts of the state, the average is over \$125 per acre, and in two in the western part between \$100 and \$125 per acre. In Snohomish and Kitsap Counties, both bordering on Puget Sound, the average value of farm land is between \$75 and \$100 per acre, while in Island, Clark, and Whatcom Counties, all situated in the western part of the state, and in Spokane County, in the eastern part, the average values are between \$50 and \$75 per acre. In 23 counties, which are well distributed over the state, the average value is between \$25 and \$50 per acre, and in four in the eastern part of the state the average is between \$10 and \$25 per acre.

Progress during the decade 1900 to 1910.—Between 1900 and 1910 there was an increase of 22,990, or 69.2 per cent, in the number of farms in Washington, as compared with an increase of 120.4 per cent in the population of the state. The total farm acreage and the acreage of improved land both increased, the former

37.8 per cent and the latter 83.9 per cent. The average size of the farms decreased 18.6 per cent.

The total value of farm property, which includes that of land, buildings, implements and machinery, and live stock (domestic animals, poultry, and bees), has increased \$493,503,000, or 342.6 per cent, since 1900. Land alone increased in value 421 per cent, as compared with increases of 234.6 per cent in the value of buildings, 166.4 per cent in that of implements and machinery, and 120.5 per cent in that of live stock. In considering the increase of values in agriculture the general increase in the prices of commodities in the last 10 years should be borne in mind.

The average value of a Washington farm, including its equipment, is \$11,346, an increase of 161.5 per cent over the value in 1900. The average value of land per acre rose from \$11.68 in 1900 to \$44.18 in 1910, a gain of \$32.50, or 278.3 per cent. This increase was due mainly to the inclusion in 1900 of a considerable acreage of very low-priced land, for which no report was secured in 1910.

The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

NUMBER, AREA, AND VALUE OF FARMS.	1910 (April 15)	1900 (June 1)	INCREASE. ¹	
			Amount.	Per cent.
Population.....	1,141,990	518,103	623,887	120.4
Number of all farms.....	56,192	33,202	22,990	69.2
Approximate land area of the state..... acres..	42,775,040	42,775,040		
Land in farms..... acres..	11,712,235	8,499,297	3,212,938	37.8
Improved land in farms..... acres..	6,373,311	3,465,960	2,907,351	83.9
Average acres per farm.....	208.4	256.0	-47.6	-18.6
Value of farm property: Total.....	\$637,543,411	\$144,040,547	\$493,502,864	342.6
Land.....	517,421,998	99,310,510	418,111,488	421.0
Buildings.....	54,546,459	16,299,200	38,247,259	234.7
Implements and machinery.....	16,709,844	6,271,630	10,438,214	166.4
Domestic animals, poultry, and bees.....	48,865,110	22,159,207	26,705,903	120.5
Average value of all property per farm.....	\$11,346	\$4,338	\$7,008	161.5
Average value of land per acre.....	\$44.18	\$11.68	\$32.50	278.3

¹ A minus sign (-) denotes decrease.

NOTE.—Ranges or ranches using the public domain for grazing purposes, but not owning or leasing land, were counted as farms in 1910 and 1900. They were included as owned or managed, free from mortgage, and under 3 acres in size. The counting of these ranges as farms affects all totals, averages, and percentages in which the number of farms is a factor. In 1910 there were 94 such ranges included as farms.

Irrigation.—Of the 56,192 farms in the state, 7,664, or 13.6 per cent, were reported as irrigated in 1909. The acreage reported as irrigated in 1909 was 334,378 acres, or 5.2 per cent of the improved land in farms. The area to which enterprises existing in 1910 were capable of supplying water was 470,514 acres, and the total acreage included in irrigation projects completed or under way in 1910 was 817,032 acres.

Population, number of farms, and farm acreage: 1870 to 1910.—During each of the four decades since 1870 a very considerable increase has occurred in the population of the state, in the number of farms, in the total farm acreage, and in the acreage of improved farm land. During these 40 years the population of the state increased 1,118,035, or nearly forty-seven times, the greatest absolute increase of the period being 623,887 for the last decade. The number of farms is 56,192, an increase of 69.2 per cent as compared with the number for 1900 (33,202), and more than three times the number for 1890 (18,056).

The table following presents, for the state as a whole for each census from 1870 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land

area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

CENSUS YEAR.	Popu-lation.	FARMS.		LAND IN FARMS.			Per cent of land area in farms.	Per cent of farm land im-proved.
		Num-ber.	Per cent of in-crease.	All land.		Improved land (acres).		
				Acres.	Per cent of in-crease.			
1910.....	1,141,990	56,192	69.2	11,712,235	37.8	6,373,311	27.4	54.4
1900.....	518,103	33,202	83.9	8,499,297	103.4	3,465,960	19.9	40.8
1890.....	357,232	18,056	176.6	4,179,190	196.5	1,820,832	9.8	43.6
1880.....	75,116	6,529	108.8	1,409,421	117.1	484,346	3.3	34.4
1870 ¹	23,955	3,127	.....	649,139	.....	192,016	1.5	29.6

¹ Change of area of territory makes data for 1860 not comparable.

The total land area of the state is approximately 42,775,040 acres, of which 11,712,235 acres, or 27.4 per cent, are included in farms. Of the farm land, 6,373,311 acres, or 54.4 per cent, are reported as improved. In 1870 the total acreage of farm land was but 649,139 acres, of which 192,016 acres, or 29.6 per cent, were reported as improved. Thus in 40 years the total farm acreage increased continuously from 1.5 per cent to 27.4 per cent of the total land

area, by far the greatest absolute increases occurring during the last two decades.

The increase in the proportion of farm land which is improved shows that the increase in the improved farm acreage has been relatively greater than the increase in the total farm acreage. This rising proportion of improved land is noticeable for each decade except that between 1890 and 1900. On account of the greater relative increase in the total than in the improved acreage during that decade, the proportion improved decreased from 43.6 per cent in 1890 to 40.8 per cent in 1900.

Values of farm property: 1870 to 1910.—The agricultural changes in Washington since 1870, as reflected in the values of the several classes of farm property, are shown in the table which follows:

CENSUS YEAR.	FARM PROPERTY.							
	Total.		Land and buildings.		Implements and machinery.		Domestic animals, poultry, and bees.	
	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.	Value.	Per cent of increase.
1910	\$637,543,411	342.6	\$571,968,457	394.8	\$16,709,844	106.4	\$48,865,110	120.5
1900	144,040,547	43.0	115,609,710	38.5	6,271,080	99.1	22,159,207	57.0
1890	100,724,970	384.8	83,461,060	502.9	3,150,200	228.6	14,113,110	136.2
1880	20,777,044	226.6	13,844,224	248.0	958,513	241.7	5,974,307	184.0
1870	6,302,235	.....	3,978,341	.....	280,551	.....	2,103,343	.....

¹ Includes estimated value of range animals.
² Change of area of territory makes data for 1860 not comparable.

The total wealth in the form of farm property is \$637,543,000, of which \$571,968,000, or nearly nine-tenths, is contributed by land and buildings. In 1870 the value of land and buildings was but \$3,978,000, since which time it has continuously increased. It is now nearly five times as great as it was in 1900, having increased 394.8 per cent during the decade. A continuous advance since 1870 has also occurred in the value of live stock and in that of implements and machinery. In each of the three classes the absolute gain has been very much greater during the last 10 years than during any other decade covered by the table.

Of the total value of farm property at the present time, land and buildings represent 89.7 per cent, live stock 7.7 per cent, and implements and machinery 2.6 per cent, as compared with 80.3 per cent, 15.4 per cent, and 4.4 per cent, respectively, in 1900. Except during the decade 1890-1900 the proportion which land and buildings represented of the total value of farm property increased throughout the period covered by the table. The decreasing relative importance of live stock as compared with that of implements and machinery may also be noted. Thus, while in 1870 the value of the former was about seven times that of the latter the proportion had decreased in 1890 to about four and one-half times and in 1910 to about three times.

Average acreage and values per farm: 1870 to 1910.—The changes which have taken place during the past 40 years in the average acreage of Washington farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the following table:

CENSUS YEAR.	Average acres per farm.	AVERAGE VALUE PER FARM. ¹				Average value of land and buildings per acre.
		All farm property.	Land and buildings.	Implements and machinery.	Domestic animals, poultry, and bees.	
1910	208.4	\$11,346	\$10,179	\$297	\$370	\$48.84
1900	256.0	4,338	3,482	189	667	13.60
1890	231.4	5,578	4,622	174	782	19.97
1880	215.9	3,182	2,120	147	915	9.82
1870	207.6	2,035	1,272	90	673	6.13

¹ Averages are based on "all farms" in state.
² Includes estimated value of range animals.
³ Change of area of territory makes data for 1860 not comparable.

The average size of the Washington farm is 208.4 acres, a decrease, as compared with 256 acres in 1900. The present average is slightly greater than in 1870, when it was 207.6 acres, but is less than in any intervening year shown in the table.

The state has in its eastern portion a great amount of semiarid land upon which are many live stock ranches. These ranches, which are larger than most other farms in the state, account in great measure for the large average size of farms. During the past few decades their number has formed a constantly decreasing proportion of the total number of farms in the state; and since the more recently developed farms, which are mainly of the general farming or fruit-growing type, are much smaller in size, the average size of all farms has been reduced.

The average value of a Washington farm, including its equipment, is \$11,346, which is more than twice the value in any other year shown by the table. In 1870 the average value was \$2,035. It increased during the following 20 years to \$5,578, but decreased during the next decade to \$4,338. As pointed out in the census reports for 1900, the decrease between 1890 and 1900 in average value of land and buildings per acre and per farm resulted largely from the addition to the category of farm land of a considerable acreage of range land which was of little value. This land was at censuses prior to 1900 free range, but in 1900 was held by individuals, either under ownership or lease, and reported as in farms.

Farm tenure: 1880 to 1910.—The number of all farms, and therefore of all farm operators, is 56,192. Of the operators, 47,505 are classified as owners, 961 as managers, and 7,726 as tenants. Of the owners, 41,729 operate land owned exclusively by them, while 5,776 operate land which they rent in addition to that which they own. The farmers classified as tenants are further distributed according to the character of their tenure; thus, 3,459 are share tenants, 255 share-cash

tenants, 3,089 cash tenants, and for 923 no report relative to character of tenure was secured. The proportion of tenants in Washington is less than that for the Pacific division (17.2 per cent), and is only a little more than one-third that for the United States as a whole (37 per cent).

The tenants now form 13.7 per cent of the total number of farmers. This percentage is a little smaller than in 1900, but is considerably larger than in 1880 or 1890. For the sake of comparing the state figures for 1910 with those of previous census years, the share-cash tenants have been grouped with the share tenants, and similarly the tenants for whom the form of tenure was unreported have been grouped with the cash tenants. Although the number in each group increased continuously and rapidly in each decade since 1880, the share and share-cash group outnumbered the cash and nonspecified group in 1900 as in 1890 and in 1880. During the last decade, however, the relative importance of these groups has been reversed, the cash and nonspecified group now representing 7.1 per cent of the total number of farm operators, and the share and share-cash group 6.6 per cent.

The following table shows the distribution of the farms of the state according to character of tenure at each census since 1880:

TENURE.	1910	1900	1890	1880
Number of all farms.....	56,192	33,202	18,056	6,529
Farms operated by owners and managers	48,466	28,425	16,529	6,058
Farms consisting of owned land only.....	41,729	24,521	(1)	(1)
Farms consisting of owned and hired land.....	5,776	3,499	(1)	(1)
Farms operated by managers.....	961	405	(1)	(1)
Farms operated by tenants	7,726	4,777	1,527	471
Share tenants.....	3,459	2,436	986	262
Share-cash tenants ²	255			
Cash tenants.....	3,089	2,341	541	209
Tenure not specified ³	923			
Per cent of farms operated by—				
Owners and managers.....	86.3	85.6	91.5	92.8
Tenants.....	13.7	14.4	8.5	7.2
Share and share-cash.....	6.6	7.3	5.5	4.0
Cash and nonspecified.....	7.1	7.1	3.0	3.2

¹ Not reported separately.
² Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.
³ Prior to 1910 nonspecified tenants were included with cash tenants.

The following table shows the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

FARMS OPERATED BY—	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	11,712,235	8,499,297	6,373,311	3,465,960	\$571,968,457	\$115,609,710
Owners.....	9,115,171	6,998,988	4,760,836	2,840,444	480,624,440	82,447,780
Managers.....	529,082	373,499	159,461	70,040	29,414,474	3,970,950
Tenants.....	2,067,982	1,126,810	1,453,014	555,476	111,929,543	19,191,000

The next table shows the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms.

It will be seen that in 1910, 77.8 per cent of all land in farms was in farms operated by their owners (in-

cluding part owners), 4.5 per cent in farms operated by managers, and 17.7 per cent in farms operated by tenants, the percentage for owners being lower and that for tenants and for managers higher than in 1900.

FARMS OPERATED BY—	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	84.5	84.4	77.8	82.3	74.7	82.0	75.3	80.0
Managers.....	1.7	1.2	4.5	4.4	2.5	2.0	5.1	3.4
Tenants.....	13.7	14.4	17.7	13.3	22.8	16.0	19.6	16.6

As shown by the next table, the average size of farms operated by managers in 1910 (550.6 acres) was more than twice as great as that of farms operated by tenants (267.7 acres), which in turn was considerably larger than that of farms operated by owners (191.9 acres). The average size of farms operated by tenants increased between 1900 and 1910, while that of farms operated by owners and by managers decreased. In 1910 the percentage of farm land improved was highest for farms operated by tenants and lowest for those operated by managers.

FARMS OPERATED BY—	AVERAGE ACRES PER FARM.				PER CENT OF FARM LAND IMPROVED		AVERAGE VALUE OF LAND AND BUILDINGS.					
	All land.		Improved land.		1910		1900		Per farm.		Per acre.	
	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	208.4	256.0	113.4	104.4	54.4	40.8	\$10,179	\$5,482	\$48.84	\$13.60	\$13.21	\$13.21
Owners.....	191.9	249.8	100.2	101.4	52.2	40.0	9,065	3,290	47.24	13.21	13.21	13.21
Managers.....	550.6	322.2	165.9	172.9	30.1	18.8	30,608	9,805	55.60	10.63	10.63	10.63
Tenants.....	267.7	236.9	188.1	116.8	70.3	49.3	14,487	4,017	54.13	17.03	17.03	17.03

Farm mortgages: 1890 to 1910.—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The next table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

In 1910 the total number of farms owned in whole or in part by the operators was 47,505. Of this number 30,979 were reported as free from mortgage, 16,026 were reported as mortgaged, and for 500 no report relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 34.1 per cent of the total number of owned farms, exclusive of those for which no mortgage report was

obtained, the percentage being somewhat larger than it was in 1900 and 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that from 1890 to 1900 the number of farms free of mortgage increased much more rapidly than the number mortgaged, but that during the last decade the number of mortgaged farms showed the greater increase, the number free of mortgage increasing by 9,386 and the number mortgaged by 10,025.

CLASS.	OWNED FARMS. ¹		OWNED FARM HOMES.		OWNED FARM HOMES. ²	
	1910		1900		1890	
	Number.	Per cent. ³	Number.	Per cent. ³	Number.	Per cent.
Total.....	47,505		28,016		19,629	
Free from mortgage.....	30,979	65.9	21,593	78.3	14,369	73.2
Mortgaged.....	16,026	34.1	6,001	21.7	5,261	26.8
Unknown.....	500		422			

¹ Includes all farms owned in whole or in part by the operator.
² The 576 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.
³ Per cent of combined total of "free from mortgage" and "mortgaged."

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 16,026 farms reported as mortgaged, 13,255 are wholly owned by the farmers, and for 12,715 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included for 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

	OWNED FARMS OR FARM HOMES MORTGAGED.		INCREASE.	
	1910 ¹	1890 ²	Amount.	Per cent.
Number.....	12,715	5,251		
Value—Land and buildings.....	\$113,394,798	\$24,320,083		
Amount of mortgage debt.....	\$25,644,551	\$6,966,100		
Per cent of debt to value.....	22.6	28.6		
Average value per farm.....	\$8,918	\$4,632	\$4,286	92.5
Average debt per farm.....	\$2,017	\$1,327	\$690	52.0
Average equity per farm.....	\$6,901	\$3,305	\$3,596	108.8

¹ Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.
² Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

The average debt of mortgaged farms increased in the 20-year period from \$1,327 to \$2,017, or 52 per cent, while the average value of such farms rose from \$4,632 to \$8,918, or 92.5 per cent. Thus the owner's equity increased from \$3,305 to \$6,901, or 108.8 per cent. As a result of the greater relative increase in the total farm value than in the total farm debt, the mortgage indebtedness, which was 28.6 per cent of the value of the mortgaged farm in 1890, was only 22.6 per cent of this value in 1910.

Farms by size groups: 1910 and 1900.—About one-fourth (24.7 per cent) of the farms in the state consist of 100 to 174 acres, nearly one-fifth (18.2 per cent) consist of 20 to 49 acres, and slightly more than one-eighth (12.6 per cent) are of 50 to 99 acres in size. Thus these three groups together comprise more than one-half of the total number of farms in the state. During the decade the numbers in all the groups increased, but in varying ratios, thus changing the relative importance of the groups. The small farms, or those that consist of under 50 acres each, and the very large farms, or those of 500 acres and over, constitute a larger proportion of all farms now than in 1900; those between these sizes a smaller proportion.

The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

SIZE GROUP.	NUMBER OF FARMS.		INCREASE.		PER CENT OF TOTAL.	
	1910	1900	Number.	Per cent.	1910	1900
Total.....	56,192	33,202	22,990	69.2	100.0	100.0
Under 3 acres.....	563	358	205	57.3	1.0	1.1
3 to 9 acres.....	4,593	1,056	3,537	334.9	8.2	3.2
10 to 19 acres.....	5,373	1,611	3,762	233.5	9.6	4.8
20 to 49 acres.....	10,252	4,240	6,012	141.8	18.2	12.8
50 to 99 acres.....	7,105	4,387	2,718	62.0	12.6	13.2
100 to 174 acres.....	13,884	11,249	2,635	23.4	24.7	33.0
175 to 259 acres.....	3,089	2,400	689	28.7	5.5	7.2
260 to 499 acres.....	6,126	4,938	1,188	24.1	10.9	14.9
500 to 999 acres.....	3,481	2,015	1,466	72.8	6.2	6.1
1,000 acres and over.....	1,726	948	778	82.1	3.1	2.8

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 10,529), and also the farms of between 175 and 499 acres (numbering 9,215):

SIZE GROUP.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1910	1900	1910	1900	1910	1900
Total.....	11,712,235	8,499,297	6,373,311	3,465,880	\$571,968,457	\$115,609,710
Under 20 acres.....	91,282	28,471	60,475	18,579	50,780,592	3,734,500
20 to 49 acres.....	328,883	144,567	164,236	63,329	61,496,331	6,499,450
50 to 99 acres.....	523,088	332,077	218,789	122,537	52,607,859	9,067,440
100 to 174 acres.....	2,082,632	1,765,952	700,073	553,101	94,207,452	25,243,610
175 to 499 acres.....	2,398,427	2,374,994	1,092,749	1,198,798	132,453,455	35,859,740
500 to 999 acres.....	2,442,948	1,405,025	1,709,798	775,988	90,553,407	18,389,600
1,000 acres and over.....	3,344,775	2,448,211	1,821,194	733,331	89,809,361	17,315,370

The next table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms.

SIZE GROUP.	PER CENT OF TOTAL.							
	Number of farms.		All land in farms.		Improved land in farms.		Value of land and buildings.	
	1910	1900	1910	1900	1910	1900	1910	1900
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 20 acres.....	18.7	9.1	0.8	0.3	1.0	0.5	8.9	3.2
20 to 49 acres.....	18.2	12.8	2.8	1.7	2.6	1.8	10.8	5.6
50 to 99 acres.....	12.6	13.2	4.5	3.9	3.4	3.5	9.2	7.8
100 to 174 acres.....	24.7	33.9	17.8	20.8	11.0	16.0	16.5	21.8
175 to 499 acres.....	16.4	22.1	24.7	27.9	26.6	34.6	23.2	30.6
500 to 999 acres.....	6.2	6.1	20.9	16.5	26.8	22.4	15.8	15.9
1,000 acres and over.....	3.1	2.8	28.6	28.8	28.6	21.2	15.7	15.0

Of the total farm acreage of the state in 1910, 28.6 per cent was in farms of 1,000 acres and over, this being from the standpoint of aggregate acreage the most important size group, although it comprised only 3.1 per cent of the total number of farms. Between 1900 and 1910 there was an increase in the proportion of the total acreage which was in farms of under 100 acres and in farms of 500 to 999 acres, while there was a decrease in the proportion in farms of 100 to 499 acres and in farms of 1,000 acres and over.

As shown by the next table, the percentage of farm land improved is highest in farms of under 20 acres, but, outside of this group, the proportion is lower in farms of each size group under 175 acres than in those of 175 acres and over.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1910	1900	Per farm.		Per acre.	
			1910	1900	1910	1900
Total.....	54.4	40.8	\$10,179	\$3,482	\$48.84	\$13.60
Under 20 acres.....	72.8	66.3	4,823	1,235	556.30	131.17
20 to 49 acres.....	49.9	43.8	5,998	1,533	186.99	44.96
50 to 99 acres.....	41.8	36.9	7,413	2,067	100.69	27.31
100 to 174 acres.....	33.6	31.3	6,785	2,244	45.23	14.29
175 to 499 acres.....	53.4	50.5	14,374	4,819	45.70	14.89
500 to 999 acres.....	70.0	55.2	26,014	9,126	37.07	13.09
1,000 acres and over.....	54.4	30.0	52,033	18,205	26.85	7.07

DOMESTIC ANIMALS, POULTRY, AND BEES.

Domestic animals on farms: 1910.—The census of 1910 was taken as of April 15, and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, 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 closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this chapter, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in the date of enumeration will be discussed.

The next table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex

Owing to the fact that buildings have normally a higher value in proportion to farm acreage in small than in large farms, the average value of land and buildings per acre of land in general diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those of any other group.

Color and nativity of farmers: 1910.—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators by character of tenure for 1910:

COLOR AND NATIVITY.	FARM OPERATORS.							
	Total.		Owners.	Tenants.	Managers.	Per cent of total.		
	Number.	Per cent distribution.				Own-ers.	Ten-ants.	Man-agers.
Total.....	56,192	100.0	47,505	7,726	961	84.5	13.7	1.7
Native white.....	37,770	67.2	31,163	5,833	769	82.5	15.5	2.0
Foreign-born white.....	17,297	30.8	15,641	1,475	181	90.4	8.5	1.0
Negro and other nonwhite.....	1,125	2.0	701	413	11	62.3	36.7	1.0

More than two-thirds (67.2 per cent) of the Washington farmers in 1910 were native-born whites and more than three-tenths (30.8 per cent) were foreign-born whites. Only 1,125, or 2 per cent of the total, were nonwhites, 673 being Indians, 316 Japanese, 77 negroes, and 59 Chinese. Of the native-born white farmers, 15.5 per cent, and of the foreign-born white, 8.5 per cent, were tenants.

Of the 17,297 foreign-born white farmers in Washington in 1910, 3,687 were born in Germany; 2,399 in Sweden; 2,218 in Canada; 2,030 in Norway; 1,206 in England; 945 in Denmark; 871 in Russia; and 736 in Ireland. Other European countries were represented by a total of 2,977 farmers, and non-European countries, other than Canada, by 228.

groups, while horses, mules, and swine are presented by age groups only.

Of the total number of farms enumerated, 50,596, or 90 per cent, report domestic animals of some kind, the number without any domestic animals being 5,596.

Cattle are reported by 76.3 per cent of all farms, "dairy cows" by 74.8 per cent, and "other cows" by 17.7 per cent. The farms reporting "dairy cows" show an average of about four per farm, while those reporting "other cows" show an average of about six. The total number of cattle increased 1.8 per cent during the decade, owing mainly to the large increase in "dairy cows," which offset the decreases in the number of steers and bulls and calves. The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the

calves on hand were on the average younger than at the enumeration of 1900. As a result, the calves enumerated were fewer in number and of lower average value in 1910 than in 1900, the number decreasing from 105,130 to 57,188, and the average value decreasing from \$8.46 to \$7.37.

AGE AND SEX GROUP.	FARMS REPORTING.		ANIMALS.		
	Number.	Percent of all farms.	Number.	Value.	Average value.
Total.....	50,590	90.0	.....	\$47,370,775	.....
Cattle	42,885	76.3	402,120	12,193,465	\$30.32
Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....	42,030	74.8	186,233	7,988,133	42.89
Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909).....	9,955	17.7	58,140	1,530,758	26.38
Heifers born in 1909.....	19,248	34.3	51,995	844,480	16.24
Calves born after Jan. 1, 1910.....	21,155	37.6	57,188	421,618	7.37
Steers and bulls born in 1909.....	6,940	12.4	20,120	350,737	17.43
Steers and bulls born before Jan. 1, 1909.....	5,829	10.4	24,711	936,109	37.88
Unclassified cattle.....	25	(¹)	3,783	121,630	32.58
Horses	45,634	81.2	280,572	29,680,849	105.79
Mares, stallions, and geldings born before Jan. 1, 1909.....	45,495	81.0	241,624	27,839,750	115.22
Colts born in 1909.....	12,653	22.5	27,272	1,498,683	54.95
Colts born after Jan. 1, 1910.....	6,287	11.2	11,071	325,941	29.44
Unclassified horses.....	16	(¹)	605	16,475	27.23
Mules	2,447	4.4	12,185	1,776,297	145.78
Mules born before Jan. 1, 1909.....	1,898	3.4	9,949	1,628,923	163.73
Mule colts born in 1909.....	737	1.3	1,673	125,587	75.07
Mule colts born after Jan. 1, 1910.....	353	0.6	503	21,787	38.70
Asses and burros	121	0.2	173	82,405	476.33
Swine	23,049	41.0	206,135	1,674,927	8.13
Hogs and pigs born before Jan. 1, 1910.....	20,403	36.3	127,356	1,431,286	11.24
Pigs born after Jan. 1, 1910.....	9,344	16.6	78,779	243,641	3.09
Sheep	2,155	3.8	475,555	1,931,170	4.06
Ewes born before Jan. 1, 1910.....	1,950	3.5	226,377	1,121,445	4.95
Rams and wethers born before Jan. 1, 1910.....	955	1.7	68,887	331,798	4.82
Lambs born after Jan. 1, 1910.....	1,641	2.9	180,291	477,927	2.65
Goats	417	0.7	8,621	31,662	3.67

¹ Less than one-tenth of 1 per cent.

Horses are reported by 81.2 per cent of all the farms in the state. It is noteworthy that 22.5 per cent report colts born in 1909 and 11.2 per cent report spring colts, since for the United States as a whole only 16.1 per cent report yearling colts and 6.9 per cent spring colts. The average value of mature horses is nearly three times that reported in 1900.

Mules are reported by only 4.4 per cent of the farms. Although they are four and one-half times as numerous as in 1900, their number is only 4.3 per cent of the number of horses. Their average values, however, are considerably higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 2,155 farms, 76.1 per cent of which report spring lambs, the number of the latter being equal to 79.6 per cent of the

number of ewes. Ewes are reported from all but 205 of the farms reporting sheep, the average being 116 ewes per farm. The farms reporting rams and wethers show an average of 72 per farm. The average flock (excluding spring lambs) numbers 137 sheep, while in 1900 it numbered about 200.

Of all farms, 41 per cent report swine, the average number being nearly nine per farm reporting. Only 16.6 per cent of all farms report spring pigs; this is doubtless due largely to the early date of enumeration. The average value of the swine reported under the head of "hogs and pigs born before January 1, 1910," is \$11.24 and that of spring pigs \$3.09.

Poultry on farms: 1910 and 1900.—The increase in the number of fowls on Washington farms during the last decade amounted to 916,060, or 67.5 per cent, while the value increased from \$615,000 to \$1,367,000, or 122.4 per cent. The number of farms reporting poultry increased from 26,340 to 44,906, or 70.5 per cent. Chickens represent 97 per cent of the number and 94.3 per cent of the value of all fowls. The increase in the number of chickens during the decade amounted to 84.2 per cent. Large decreases were reported in the number of turkeys, ducks, and geese. The value of poultry and the number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

KIND.	1910 (April 15)		Number of fowls.	Value.	1900 (June 1)
	Farms reporting.				
	Number.	Percent of all farms.			Number of fowls.
Total.....	44,906	79.9	2,272,775	\$1,367,440	1,356,715
Chickens.....	44,862	79.8	2,204,114	1,289,328	1,196,639
Turkeys.....	3,557	6.3	10,049	36,353	29,155
Ducks.....	2,558	4.6	13,179	10,833	66,433
Geese.....	3,052	5.4	14,858	21,350	64,488
Guinea fowls.....	586	1.0	1,763	1,499	(²)
Pigeons.....	805	1.4	22,701	7,604	(²)
Peafowls.....	10	(²)	54	171	(²)
Pheasants.....	5	(²)	57	252	(²)

¹ Included with chickens. ² Not reported.
³ Less than one-tenth of 1 per cent.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has increased from 4,435 in 1900 to 5,886 in 1910, or 32.7 per cent. The number of colonies of bees increased from 30,870 to 33,884, or 9.8 per cent, and their value increased from \$106,841 to \$126,895, or 18.8 per cent. The average value of bees per farm reporting was \$24.09 in 1900 and \$21.56 in 1910. About one farm in every ten reports bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to

secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity, but it may be noted that in cities and villages a comparatively small proportion of the animals of each class are in the younger age groups.

KIND.	Number of inclosures reporting.	ANIMALS.		
		Number.	Value.	Average value.
Total	20,509		\$7,558,077	
All cattle.....	11,163	21,730	820,526	\$37.70
Dairy cows.....	10,709	15,266	707,842	45.37
Horses.....	13,654	44,617	6,350,366	142.33
Mules.....	265	1,804	289,192	160.31
Asses and burros.....	35	114	32,105	281.62
Swine.....	937	4,274	44,763	10.47
Sheep.....	61	2,957	17,431	5.89
Goats.....	79	789	3,694	4.63

As would be expected, horses are by far the most important class of domestic animals not on farms, both in number and in value; cattle, about three-fourths of which are dairy cows, rank next in importance.

LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

Dairy products: 1909 and 1899.—The number of farms reporting dairy cows on April 15, 1910, was 42,036, but only 33,416 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 30,057 (somewhat less than the total number reporting dairy products), and the number of dairy cows on such farms on April 15, 1910, was 142,000. The amount of milk reported was 70,083,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 495 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient

Domestic animals on farms and not on farms: 1910.—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

KIND.	DOMESTIC ANIMALS.					
	Total.		On farms.		Not on farms.	
	Number.	Value.	Number.	Value.	Number.	Value.
Total		\$54,928,852		\$47,370,775		\$7,558,077
All cattle.....	423,850	13,013,991	402,120	12,193,465	21,730	820,526
Dairy cows.....	201,499	8,695,975	186,233	7,988,133	15,266	707,842
Horses.....	325,189	36,031,215	280,572	29,680,849	44,617	6,350,366
Mules.....	13,989	2,065,489	12,185	1,776,297	1,804	289,192
Asses and burros.....	287	114,510	173	82,405	114	32,105
Swine.....	210,409	1,710,690	206,135	1,674,927	4,274	44,763
Sheep.....	478,512	1,948,601	475,555	1,931,170	2,957	17,431
Goats.....	9,410	35,356	8,621	31,662	789	3,694

The total value of all domestic animals in the state in 1910 was \$54,929,000, of which the value of animals not on farms constituted 13.8 per cent.

and that the distinction between dairy and other cows is not always strictly observed in the census returns.

The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910.....	42,036	74.8	186,233	Head..		
On farms reporting dairy products in 1909.....	33,416	59.5	163,508	Head..		
On farms reporting milk produced in 1909.....	30,057	53.5	141,568	Head..		
Specified dairy products, 1909:						
Milk reported.....			70,083,033	Gals..		
Butter made.....	24,674	43.9	6,761,575	Lbs..	\$1,992,249	\$0.30
Cheese made.....	88	0.2	52,970	Lbs..	6,787	0.13
Milk sold.....	5,605	10.0	25,524,209	Gals..	3,889,006	0.15
Cream sold.....	3,343	5.9	1,911,261	Gals..	1,486,924	0.78
Butter fat sold.....	3,759	6.7	4,386,283	Lbs..	1,371,075	0.31
Butter sold.....	11,774	21.0	3,112,326	Lbs..	941,285	0.30
Cheese sold.....	47	0.1	43,530	Lbs..	6,189	0.12
Total receipts from sales, 1909					7,693,479	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909.....					8,746,041	
Specified dairy products, 1899:						
Butter made.....	19,114	57.0	7,372,106	Lbs..		
Cheese made.....	208	0.6	161,669	Lbs..		
Butter sold.....			4,173,820	Lbs..	882,344	0.21
Cheese sold.....			126,670	Lbs..	16,020	0.12

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk, cream, and butter fat sold and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND
[Comparative data for June 1, 1900, in italics.]

	Kittitas.	Klicki- tat. 1, 2	Lewis.	Lincoln.	Mason. 2	Okanogan. 2	Pacific.	Pierce. 1
FARMS OPERATED BY OWNERS								
1	Number of farms.....	677	1,413	2,023	1,695	356	2,098	2,576
2	Number of farms in 1900.....	<i>537</i>	<i>965</i>	<i>1,580</i>	<i>1,673</i>	<i>242</i>	<i>493</i>	<i>1,155</i>
3	Per cent of all farms.....	77.7	86.1	89.5	79.2	92.5	85.9	86.7
4	Per cent of all farms in 1900.....	<i>84.0</i>	<i>89.4</i>	<i>89.0</i>	<i>87.5</i>	<i>88.3</i>	<i>87.4</i>	<i>79.4</i>
5	Land in farms.....acres.....	203,805	456,314	186,269	953,538	30,219	354,790	127,128
6	Improved land in farms.....acres.....	57,200	160,862	52,781	619,703	6,837	114,402	31,658
7	Value of land and buildings.....dollars.....	9,389,685	11,954,771	9,561,520	28,774,617	1,690,797	12,047,145	14,362,553
Degree of ownership:								
8	Farms consisting of owned land only.....	624	1,183	1,890	1,230	347	1,878	2,477
9	Farms consisting of owned and hired land.....	53	230	133	465	9	181	98
Color and nativity of owners:								
10	Native white.....	463	1,100	1,291	1,157	170	1,562	1,199
11	Foreign-born white.....	207	299	711	537	144	367	1,332
12	Negro and other nonwhite.....	7	14	21	1	33	130	44
FARMS OPERATED BY TENANTS								
13	Number of farms.....	168	147	230	416	25	91	361
14	Number of farms in 1900.....	<i>104</i>	<i>107</i>	<i>187</i>	<i>216</i>	<i>18</i>	<i>10</i>	<i>275</i>
15	Per cent of all farms.....	18.1	9.0	10.2	19.4	6.5	4.2	12.2
16	Per cent of all farms in 1900.....	<i>14.9</i>	<i>9.9</i>	<i>10.5</i>	<i>11.9</i>	<i>6.6</i>	<i>2.0</i>	<i>13.0</i>
17	Land in farms.....acres.....	28,199	51,843	26,271	214,754	3,274	16,347	25,744
18	Improved land in farms.....acres.....	15,936	24,118	9,469	162,575	791	5,699	9,536
19	Value of land and buildings.....dollars.....	2,502,330	1,585,525	1,515,290	7,757,910	134,350	421,900	4,351,058
Form of tenancy:								
20	Share tenants.....	74	93	32	340	5	33	37
21	Share-cash tenants.....	15	3	2	12	1	2	78
22	Cash tenants.....	43	32	150	29	18	34	220
23	Tenure not specified.....	26	19	46	35	1	22	26
Color and nativity of tenants:								
24	Native white.....	124	124	186	357	17	76	173
25	Foreign-born white.....	81	15	43	59	4	9	96
26	Negro and other nonwhite.....	3	8	1	4	6	1	92
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	36	81	8	23	4	23	34
28	Number of farms in 1900.....	<i>8</i>	<i>8</i>	<i>10</i>	<i>22</i>	<i>1</i>	<i>1</i>	<i>25</i>
29	Land in farms.....acres.....	30,601	22,134	2,332	36,618	435	3,529	3,718
30	Improved land in farms.....acres.....	5,893	6,801	538	17,102	50	2,285	1,211
31	Value of land and buildings.....dollars.....	904,860	1,167,110	198,700	748,000	12,900	832,500	406,360
MORTGAGE DEBT REPORTS:								
For all farms operated by owners:								
32	Number free from mortgage debt.....	427	920	1,446	895	265	1,557	1,872
33	Number with mortgage debt.....	240	486	558	766	54	459	684
34	Number with no mortgage report.....	10	7	19	34	7	43	10
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	221	386	483	476	51	401	605
36	Value of their land and buildings.....dollars.....	3,132,405	3,597,700	2,462,025	7,178,637	313,872	3,800,110	3,009,525
37	Amount of mortgage debt.....dollars.....	659,106	808,399	611,623	1,536,923	72,610	650,555	681,410
38	Per cent of value of land and buildings.....	21.0	22.5	24.8	21.4	23.1	19.7	22.6

¹ Change of boundary. (See explanation at close of text.)

² Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	2,628	2,145	9,109	3,724	1,229	3,547	2,749	9,420
2	Dairy cows on farms reporting milk produced.....number.....	2,084	1,777	8,335	3,475	1,138	2,680	2,303	8,383
3	Milk—Produced.....gallons.....	999,625	675,397	3,547,744	1,241,185	510,594	933,621	1,147,580	4,401,074
4	Sold.....gallons.....	392,834	107,783	1,401,176	128,360	49,233	23,445	630,208	2,269,773
5	Cream sold.....gallons.....	16,483	70,907	6,753	13,025	5,926	26,903	126,604	126,604
6	Butter fat sold.....pounds.....	125,000	67,451	138,719	5,364	28,155	170,936	17,052	136,231
7	Butter—Produced.....pounds.....	120,573	104,667	260,103	256,600	66,277	118,586	81,036	347,950
8	Sold.....pounds.....	88,912	43,593	104,821	89,919	34,118	66,077	46,027	177,945
9	Cheese—Produced.....pounds.....	4,200	365	.....	.....	.....	1,550	150	1,790
10	Sold.....pounds.....	3,870	.....	.....	.....	.....	700	.....	1,610
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	144,030	70,089	363,222	99,990	49,364	97,625	130,487	648,146
12	Receipts from sale of dairy products.....dollars.....	134,474	52,911	323,256	53,783	30,395	74,201	119,234	599,503
Poultry Products									
13	Poultry—Raised.....number.....	50,848	47,304	104,062	182,983	26,331	74,073	18,428	207,896
14	Sold.....number.....	19,258	11,134	51,085	42,798	10,095	18,855	8,027	109,737
15	Eggs—Produced.....dozens.....	169,320	165,343	520,804	584,940	168,841	274,985	92,871	1,173,746
16	Sold.....dozens.....	86,909	66,107	208,951	252,137	117,263	129,959	59,724	389,671
17	Value of poultry and eggs produced.....dollars.....	74,059	57,626	188,054	213,608	58,585	101,507	37,388	417,856
18	Receipts from sale of poultry and eggs.....dollars.....	34,802	20,277	106,657	79,044	35,462	43,846	22,896	285,476
Honey and Wax									
19	Honey produced.....pounds.....	18,199	732	33,450	100	14,138	6,624	1,014	18,566
20	Wax produced.....pounds.....	35	15	284	.....	170	.....	.....	369
21	Value of honey and wax produced.....dollars.....	2,162	118	4,220	20	1,667	1,232	170	2,073
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	33,882	30,397	1,553	264	242	8,725	130	1,029
23	Mohair and goat hair, fleeces shorn.....number.....	47	286	556	11	168	30	45	885
24	Value of wool and mohair produced.....dollars.....	60,050	52,558	3,021	350	470	14,788	189	2,162
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	726	717	4,502	1,281	449	1,553	1,610	5,685
26	Other cattle—Sold or slaughtered.....number.....	4,512	3,129	4,626	4,761	477	11,508	1,823	2,834
27	Horses, mules, and asses and burros—Sold.....number.....	494	385	431	1,405	42	1,040	70	270
28	Swine—Sold or slaughtered.....number.....	2,999	9,071	11,126	8,448	432	4,795	1,039	5,135
29	Sheep and goats—Sold or slaughtered.....number.....	35,199	27,540	1,336	161	152	10,473	172	990
30	Receipts from sale of animals.....dollars.....	390,543	313,790	239,941	348,205	17,137	486,027	38,831	182,673
31	Value of animals slaughtered.....dollars.....	27,584	52,124	111,369	118,478	10,498	79,385	34,740	70,825

including estimates made on the same basis as for eggs, was 3,722,000 fowls, valued at \$1,874,000.

Honey and wax: 1909.—Although, as noted elsewhere, 5,886 farms reported 33,884 colonies of bees on hand April 15, 1910, 2,737 of these farms, with 9,150 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 503,580 pounds of honey, valued at \$65,196, and 4,038 pounds of wax, valued at \$1,195; the true totals are doubtless somewhat above these figures.

Sale or slaughter of domestic animals on farms: 1909 and 1899.—The total value of domestic animals sold during 1909 was \$7,772,000, and that of animals slaughtered on farms \$2,477,000, making an aggregate of \$10,249,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by the farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented somewhat less than one-half of the total value of animals sold, and the value of horses sold represented somewhat more than one-fourth of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the value of those slaughtered during 1899, which amounted, respectively, to \$3,517,000 and \$1,169,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms

reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

The following statement presents statistics relating to the sale or slaughter of domestic animals by Washington farmers during the year 1909, with certain items for 1899:

	FARMS REPORTING.		Number of animals.	VALUE.	
	Number.	Percent of all farms.		Total.	Average.
1909—All domestic animals:					
Sold.....				\$7,771,960	.....
Slaughtered.....				2,477,366	.....
Calves:					
Sold.....	7,035	12.5	30,291	222,167	\$7.33
Slaughtered.....	10,345	18.4	44,238	356,576	8.06
Other cattle:					
Sold.....	13,335	23.7	94,368	3,216,251	34.08
Slaughtered.....	7,370	13.1	25,087	639,093	25.48
Horses:					
Sold.....	6,028	10.7	18,106	2,108,438	116.45
Mules:					
Sold.....	317	0.6	1,240	181,566	146.42
Asses and burros:					
Sold.....	15	(¹)	86	6,755	78.55
Swine:					
Sold.....	7,762	13.8	121,886	1,291,725	10.60
Slaughtered.....	18,129	32.3	92,600	1,444,108	15.60
Sheep:					
Sold.....	729	1.3	177,160	741,228	4.18
Slaughtered.....	731	1.3	7,380	35,067	4.75
Goats:					
Sold.....	81	0.1	966	3,822	3.96
Slaughtered.....	96	0.2	686	2,552	3.72
1899—All domestic animals:					
Sold.....				3,517,053	.....
Slaughtered.....				1,168,802	.....

¹ Less than one-tenth of 1 per cent.

² Schedules called for receipts from sales of animals raised on the farms reporting.

CROPS.

Summary: 1909 and 1899.—The table following summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with the other it should be borne in mind that acreage is on the whole a better index of the general changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of the crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

The total value of crops in 1909 was \$78,927,053. Of this amount, 89.7 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which

acreage was reported was 3,431,273, representing 53.8 per cent of the total improved land in farms (6,373,311 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of Washington agriculture is indicated by the fact that somewhat less than three-fifths (56.7 per cent) of the total value of crops in 1909 was contributed by the cereals and about one-fifth (21.7 per cent) by hay and forage. The remainder, representing 21.6 per cent of the total, consisted mostly of potatoes and other vegetables, fruits and nuts, and forest products.

The total value of crops in 1909 was 235.4 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was an increase of 80.5 per cent in the total acreage of crops for which acreage was reported, nearly all of the crops showing increases, and the greatest absolute increase being that in the acreage of cereals.

	ACRES.				PER CENT OF IMPROVED LAND OCCUPIED.		VALUE OF PRODUCTS.						
	1909	1899	Increase. ¹		1909	1899	1909	1899	Increase. ¹		Per cent of total.		
			Amount.	Per cent.					Amount.	Per cent.	1909	1899	
All crops.....								\$78,927,053	\$23,532,150	\$55,394,903	235.4	100.0	100.0
Crops with acreage reports	3,431,273	1,901,381	1,529,892	80.5	53.8	54.9	70,770,261	21,487,785	49,282,476	229.4	89.7	91.3	
Cereals.....	2,591,582	1,350,897	1,240,685	91.8	40.7	39.0	44,762,138	12,191,397	32,570,741	267.2	56.7	51.8	
Other grains and seeds.....	3,550	4,018	-468	-11.6	0.1	0.1	125,741	85,940	39,801	46.3	0.2	0.4	
Hay and forage.....	742,137	497,139	244,998	49.3	11.6	14.3	17,147,648	5,831,088	11,316,560	194.1	21.7	24.8	
Hops.....	2,433	5,295	-2,863	-54.1	(2)	0.2	665,493	589,582	75,911	12.9	0.8	2.5	
Sugar crops.....	1,886	1,891	-5	-0.3	(2)	0.1	91,188	26,520	64,668	243.8	0.1	0.1	
Sundry minor crops.....	183	87	96	(2)	(2)	(2)	9,066	1,597	7,469	467.7	(2)	(2)	
Potatoes and sweet potatoes and yams.....	57,902	25,171	32,731	130.0	0.9	0.7	2,994,155	1,315,198	1,678,957	127.7	3.8	5.6	
Other vegetables.....	24,410	13,848	10,562	76.3	0.4	0.4	2,988,510	1,040,668	1,947,842	187.2	3.8	4.4	
Flowers and plants and nursery products.....	1,682	189	1,493	789.9	(2)	(2)	1,044,907	79,149	965,758	1,220.2	1.3	0.3	
Small fruits.....	5,508	2,845	2,663	93.6	0.1	0.1	941,415	326,646	614,769	188.2	1.2	1.4	
Crops with no acreage reports							8,156,792	2,044,365	6,112,427	299.0	10.3	8.7	
Seeds.....							46,959	13,213	33,746	255.4	0.1	0.1	
Fruits and nuts.....							4,329,058	1,027,539	3,301,519	321.3	5.5	4.4	
Maple sirup.....							10	113	-103	-91.2	(2)	(2)	
Forest products of farms.....							3,754,293	1,002,126	2,752,167	274.6	4.8	4.3	
Miscellaneous.....							26,472	1,374	25,098	1,826.6	(2)	(2)	

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

³ Per cent not calculated when base is less than 100.
⁴ Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.—The following table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, hops, and sundry minor crops:

CROP.	Farms report- ing.	Acres harvested.	QUANTITY.		Value.
			Amount.	Unt.	
Cereals, total		2,591,582	60,610,807	Bu....	\$44,762,138
Corn.....	3,128	26,033	563,025	Bu....	404,367
Oats.....	10,139	269,742	13,228,003	Bu....	5,870,837
Wheat, total.....	13,865	2,118,015	40,920,390	Bu....	35,102,370
Common winter.....	7,947	981,694	20,816,392	Bu....	17,238,825
Common spring.....	8,313	1,136,347	20,094,376	Bu....	17,854,573
Durum or macaroni.....	9	474	9,622	Bu....	8,972
Emmer and spelt.....	30	302	10,843	Bu....	6,388
Barley.....	3,333	171,888	5,834,615	Bu....	3,331,930
Buckwheat.....	29	148	3,138	Bu....	2,220
Rye.....	215	5,450	50,746	Bu....	43,974
Kafir corn and milo maize	3	4	47	Bu....	32
Other grains and seeds with acreage report, total		3,550	94,357	Bu....	125,741
Dry edible beans.....	266	353	3,311	Bu....	9,656
Dry peas.....	915	3,196	91,032	Bu....	116,065
Seeds with no acreage report, total					46,959
Timothy seed.....	7	(2)	342	Bu....	1,158
Clover seed.....	4	(2)	166	Bu....	1,508
Alfalfa seed.....	2	(2)	162	Bu....	1,900
Cheat seed.....	7	(2)	664	Bu....	595
Vetch seed.....	45	(2)	1,632	Bu....	3,503
Other tame grass seed.....	6	(2)	389	Bu....	724
Flower and garden seeds.....	33	(2)			37,571
Hay and forage, total	38,897	742,137	1,391,664	Tons.	17,147,648
Timothy alone.....	5,310	88,298	143,461	Tons.	2,168,916
Timothy and clover mixed.....	11,226	120,890	253,194	Tons.	3,635,626
Clover alone.....	2,166	10,897	21,923	Tons.	293,948
Alfalfa.....	5,643	94,900	357,595	Tons.	3,667,991
Millet or Hungarian grass.....	42	259	421	Tons.	5,014
Other tame or cultivated grasses.....	1,349	28,769	42,722	Tons.	594,002
Wild, salt, or prairie grasses.....	1,136	28,168	30,563	Tons.	298,016
Grains cut green.....	24,119	358,543	499,955	Tons.	6,226,515
Coarse forage.....	1,546	10,328	25,005	Tons.	163,814
Root forage.....	1,008	1,085	15,825	Tons.	94,806
Potatoes	31,712	57,897	7,667,171	Bu....	2,993,737
Sweet potatoes and yams.....	8	5	500	Bu....	418
Hops.....	155	2,433	3,432,504	Lbs..	665,493
Sundry minor crops, total					9,066
Broom corn.....	5	183	45,040	Lbs..	2,905
Ginseng.....	8	(1)			5,785

¹ Includes small amount of flaxseed.
² The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.
³ Includes small amounts of tobacco and willows. ⁴ Less than 1 acre.

The leading crops covered by the table, in the order of their importance as judged by value, are wheat, \$35,102,000; hay and forage, \$17,148,000; oats, \$5,871,000; barley, \$3,332,000; and potatoes, \$2,994,000. It should be noted, however, that some of the crops, shown elsewhere, are more important than barley or potatoes.

The acreage of hay and forage is more than one-fourth as great as that of the combined cereals, and the value of the crop is nearly two-fifths as great. Wheat is the leading cereal, representing about four-fifths of the total acreage and value of cereals. About one-half of the total acreage, yield, and value of the wheat crop is contributed by spring wheat. Oats and barley combined have an acreage slightly more than one-fifth as great as wheat and a value more than one-fourth as great. Of the remaining cereals, only corn is of any importance.

Among the hay and forage crops "grains cut green," "timothy and clover mixed," "alfalfa," and "timothy alone" rank in the order named in acreage; in value, however, "alfalfa" ranks above "timothy and clover mixed." These four classes combined represent about nine-tenths of the acreage and value of the entire crop.

Outside of cereals and the hay and forage crops, only potatoes and hops are of consequence. Though their acreage is comparatively small, their combined value is more than one-fifth as great as the value of hay and forage.

The increases in the acreages of some of the principal crops during the past 30 years are shown in the next table.

The acreage of every crop shown in the table has increased considerably during each decade of the period for which figures are presented. The relative gain for the whole period is highest in the case of wheat, the acreage of which crop in 1909 was about

26 times the acreage in 1879 and lowest in the case of oats, the oats acreage in 1909 being only a little more than seven times that in 1879. The order of importance of the several crops as measured by acreage has remained unchanged throughout the 30 years. Wheat has maintained the first rank, being followed in order by hay and forage, oats, barley, potatoes, and corn.

CROP YEAR.	ACRES HARVESTED.					
	Corn.	Oats.	Wheat.	Barley.	Hay and forage.	Potatoes.
1909.....	26,033	269,742	2,118,015	171,888	742,137	57,897
1899.....	10,453	129,841	1,038,102	122,298	497,139	25,119
1889.....	9,853	65,089	372,658	51,551	236,013	13,080
1879.....	2,117	37,902	81,554	14,680	56,749	7,038

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

CROP.	PER CENT OF FARMS REPORTING.		PER CENT OF IMPROVED LAND.		Percent of increase in acres: 1899 to 1909	AVERAGE YIELD PER ACRE.	AVERAGE VALUE PER ACRE.
	1909	1899	1909	1899			
	Corn.....	5.6	3.8	0.4				0.3	148.3	21.6 Bu.	$15.53
Oats.....	13.0	22.0	4.2	3.7	112.7	49.0 Bu.	21.76
Wheat.....	24.7	33.6	33.2	31.4	94.7	19.3 Bu.	16.57
Barley.....	5.9	11.2	2.7	3.5	40.5	33.9 Bu.	19.38
Hay and forage..	69.2	80.5	11.6	14.3	49.3	1.88 Tons.	23.11
Potatoes.....	55.4	64.9	0.9	0.7	130.5	132.4 Bu.	51.71

Out of every 100 farms, 69 reported hay and forage; 56, potatoes; 25, wheat; 18, oats; 6, barley; and 6, corn. With the exception of that for corn, these percentages represent decreases as compared with 1899.

The six crops included in the above table cover about 53 per cent of the improved land, or about the same proportion as 10 years ago. The acreage of wheat occupies about 33 per cent of the improved land. Corn, oats, wheat, and potatoes show increases, and barley and hay and forage decreases, in the proportion of improved land occupied. The increase in the acreage of the combined cereals is 1,240,685 acres, or 91.8 per cent; the increase in that of hay and forage is 244,998 acres, or 49.3 per cent.

The average value per acre of the cereals is \$17.27, oats and barley exceeding this average, and corn and wheat falling below it. The average value per acre of hay and forage exceeds the average value of the cereals by \$5.84, while the average value per acre of potatoes is about three times as great as that of the cereals.

Though the acreage of wheat has increased heavily throughout the eastern portion of the state, it has decreased quite generally throughout the western

portion; that is, west of the Cascade Range. Fourteen counties in all show decreases. Eleven of these lie west of the Cascades, forming a group stretching from the mountains to and along the coast; one county, Kittitas, is on the eastern slope; and two, Garfield and Columbia, are in the southeastern corner of the state. Nearly seven-eighths of the total wheat acreage is reported from eight counties, Lincoln, Whitman, Adams, Walla Walla, Douglas, Grant, Franklin, and Spokane, forming a group in the eastern part of the state. Adams County shows the greatest actual increase, namely, 244,480 acres.

In the acreage of hay and forage, but five scattered counties along the western and southern boundaries, namely, Jefferson, Chehalis, Wahkiakum, Skamania, and Asotin, show decreases. More than one-fifth of the total acreage is reported for three counties, Stevens, Spokane, and Whitman, forming a row along the eastern boundary. About one-third of the acreage of grains cut green is reported by Lincoln, Spokane, and Whitman Counties, while Yakima County alone reports almost one-half of the acreage of alfalfa, and shows much the largest increase for the decade.

The acreage of oats has increased generally throughout the state. With the exception of Pacific County, the decreases are confined to two distinct groups, one consisting of San Juan, Island, Kitsap, Chelan, King, and Pierce Counties to the north and northwest of the center of the state; the other, consisting of Walla Walla, Columbia, and Garfield, in the southeastern corner of the state. Whitman County shows the greatest absolute gain; Columbia the greatest absolute loss.

More than four-fifths of the barley acreage is reported from a group of five counties, comprising Columbia, Garfield, Walla Walla, Whitman, and Lincoln, in the southeastern part of the state. The acreage of potatoes is distributed quite evenly throughout the state, though Spokane County reports about one-sixth of the total. Hops are reported for only nine counties, more than half the acreage being reported from Yakima County. Corn is reported principally from the counties east of the Cascade Range.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—In 1909 the total acreage of potatoes and other vegetables was 82,312 and their value \$5,982,665. Excluding (so far as reported separately¹) potatoes and sweet potatoes and yams, the acreage of vegetables was 24,410 and their value \$2,989,000, both acreage and value being decidedly greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were in 1909 only

¹ It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

644 farms in the first class, representing about one-sixth of the total acreage of vegetables and about one-third of the total value, the average acreage of vegetables per farm for these farms being 6.5 and the average value of product per acre \$229.66.

The raising of flowers and plants and of nursery products was also of some importance in Washington, 1,632 acres being devoted to them in 1909, and the output being valued at \$1,044,907. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

The table which follows shows details with regard to vegetables (not including potatoes and sweet potatoes and yams, which appear elsewhere), and also with regard to flowers and plants and nursery products:

CROP.	FARMS REPORTING: 1909		ACRES.		VALUE OF PRODUCTS.	
	Number.	Per cent of all farms.	1909	1899	1909	1899
Vegetables, other than potatoes and sweet potatoes and yams, total.....	131,894	50.8	24,410	13,848	\$2,988,510	\$1,040,068
Farms reporting a product of \$500 or over.....	644	1.1	4,154		954,000	
All other farms.....	31,250	55.6	20,250		2,034,504	
Flowers and plants, total.....	154	0.3	340	34	518,226	50,450
Farms reporting a product of \$250 or over.....	119	0.2			512,360	
All other farms.....	35	0.1			5,870	
Nursery products, total.....	115	0.2	1,342	155	526,681	28,099
Farms reporting a product of \$250 or over.....	62	0.1			518,009	
All other farms.....	53	0.1			8,672	

¹ Does not include 8,478 farms which reported that they had vegetable gardens, but gave no information as to their products.

Small fruits: 1909 and 1899.—The following table shows data with regard to small fruits on farms:

CROP.	Number of farms reporting: 1909	ACRES.		Quantity (quarts): 1909	Value: 1909
		1909	1899		
Small fruits, total.....		5,508	2,845	13,490,930	\$941,416
Strawberries.....	4,323	3,283	1,268	7,683,774	529,535
Blackberries and dewberries.....	1,818	769	388	2,340,779	159,094
Raspberries and loganberries.....	3,617	1,210	625	3,118,720	223,001
Currants.....	1,287	127	238	194,365	16,518
Gooseberries.....	1,199	114	211	143,264	12,285
Cranberries.....	4	5	5	9,728	953
Other berries.....	3	(¹)	110	300	29

¹ Reported in small fractions.

Strawberries are by far the most important of the small fruits raised in Washington, with raspberries and loganberries and blackberries and dewberries ranking second and third, respectively. The total acreage of small fruits in 1909 was 5,508 and in 1899 2,845, an increase of 93.6 per cent. The production in 1909 was 13,491,000 quarts, as compared with 5,407,000 quarts in 1899, while the value was \$941,000 in 1909, as compared with \$327,000 in 1899.

Orchard fruits, grapes, and nuts: 1909 and 1899.—The following table presents data with regard to orchard fruits, grapes, and nuts. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

CROP.	TREES OR VINES OF BEARING AGE: 1910		TREES OR VINES NOT OF BEARING AGE: 1910		PRODUCT.		
	Farms reporting.	Number.	Farms reporting.	Number.	1909		1899
					Quantity. ¹	Value.	Quantity. ¹
Orchard fruits, total.....	4,944,889		8,951,251		4,244,670	\$4,274,124	1,180,357
Apples.....	27,156	3,009,337	21,401	4,882,702	2,672,100	2,925,761	728,978
Peaches and nectarines.....	7,139	536,875	8,199	1,028,141	84,494	118,918	80,990
Pears.....	20,343	290,876	13,752	617,754	310,804	328,895	78,236
Plums and prunes.....	20,329	823,082	10,508	122,612	1,032,077	600,503	229,207
Cherries.....	19,716	241,038	13,703	229,067	131,392	278,547	52,114
Apricots.....	3,623	36,088	3,294	80,722	10,789	17,280	5,254
Quinces.....	2,555	7,623	1,023	9,689	3,008	4,108	(²)
Mulberries.....	14	165	19	284	8	22	(²)
Unclassified.....							³ 5,573
Grapes.....	2,121	322,007	2,212	371,733	1,704,005	51,412	1,194,700
Nuts, total.....		47,107		436,854	465,441	43,522	14,780
Persian or English walnuts.....	509	3,651	1,461	23,406	16,450	2,241	1,860
Almonds.....	149	695	293	8,800	770	86	4,800
Pecans.....	12	34	35	140			20
Black walnuts.....	104	1,427	76	601	43,438	687	(²)
Unclassified.....							³ 8,100

¹ Expressed in bushels for orchard fruits and pounds for grapes and nuts.

² Included with "unclassified."

³ Consists of products not separately named by the enumerator, but grouped under the designation "all other."

⁴ Includes butternuts, chestnuts, filberts, hazelnuts, beechnuts, hickory nuts, Japanese walnuts, and other nuts.

The total quantity of orchard fruits produced in 1909 was 4,245,000 bushels, valued at \$4,274,000. Apples contributed considerably more than one-half of this quantity; plums and prunes most of the remainder. The production of grapes in 1909 amounted to 1,704,005 pounds, valued at \$51,412, and that of nuts to 65,441 pounds, valued at \$3,522.

The production of all orchard fruits together in 1909 was 259.6 per cent greater than in 1899, and the production of grapes also increased. The value of orchard fruits increased from \$999,000 in 1899 to \$4,274,000 in 1909, and that of grapes from \$27,242 in 1899 to \$51,412 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may involve some duplication, while the values shown for 1909 relate only to the products in their original condition.

The following table shows the quantities of the more advanced products manufactured by farmers from

orchard fruits and grapes. Values were not called for on the schedule.

PRODUCT.	FARMS REPORTING: 1909		QUANTITY PRODUCED.		
	Number.	Per cent of all farms.	Unit.	1909	1899
Cider.....	1,347	2.4	Gals....	98,050	34,713
Vinegar.....	982	1.7	Gals....	62,446	13,104
Wine and grape juice.....	136	0.2	Gals....	5,891	4,973
Dried fruits.....	490	0.9	Lbs....	1,842,306	253,720

Sugar crops: 1909 and 1899.—The table following shows data with regard to maple trees and their products, and for sugar beets and sorghum cane. The total value of sugar beets produced in 1909 was \$85,954, as compared with \$26,176 in 1899.

PRODUCT.	FARMS REPORTING.		Acres.	PRODUCT.		
	Number.	Per cent of all farms.		Amount.	Unit.	Value.
Maple sirup made:						
1909 ¹	1	(²)		10	Gals....	\$10
1899.....	2	(²)		120	Gals....	113
Sugar beets:						
1909.....	381	0.7	1,820	13,794	Tons...	85,954
1899.....	29	0.1	1,803	6,149	Tons...	26,176
Sorghum cane:						
Total, 1909.....						5,234
Cane grown ⁴	35	0.1	66	768	Tons....	.....
Sirup made.....	8	(²)		634	Gals....	377
Total, 1899.....						344
Cane grown.....	8	(²)	28	82	Tons....	.....
Cane sold as such.....				52	Tons....	140
Sirup made.....				438	Gals....	198

¹ Fifty trees were reported.
² Less than one-tenth of 1 per cent.

³ Includes beets used as root forage.
⁴ Includes cane used as coarse forage.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 19,036 farms in Washington (33.9 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$3,754,293, as compared with \$1,002,126 in 1899, an increase of 274.6 per cent. Of the value in 1909, \$1,055,873 was reported as that of products used or to be used on the farms themselves, \$1,989,309 as that of products sold or for sale, and \$709,111 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 505 farmers in Washington sold, during 1909, 7,539 tons of straw, for which they received \$24,520, and that 48 farmers sold 266 tons of cornstalks and leaves, for which they received \$1,847.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899:

EXPENSE.	1909			1899	INCREASE.	
	Farms reporting.		Amount.	Amount.	Amount.	Per cent.
	Number.	Per cent of all farms.				
Labor.....	29,965	53.3	\$15,370,931	\$5,280,190	\$10,090,741	191.1
Feed.....	29,375	52.3	5,045,297	(¹)	.....	.....
Fertilizer.....	1,801	3.2	87,023	29,165	57,858	198.4

¹ Not reported at the census of 1900.

Over half of the farmers hire labor, the average amount expended by the farmers hiring being \$513. During the decade the total expenditure for labor increased \$10,091,000, or 191.1 per cent. Nearly one-fifth of the total amount reported as expended for labor is in the form of rent and board. At prior censuses no tabulation was made of the number of farmers reporting expenditures for labor.

One farmer out of every two reports some expenditure for feed, but only about three out of every hun-

dred purchase fertilizer. The total amount reported as paid for fertilizer has increased \$57,858 during the decade, and is nearly three times as great as in 1899. The average per farm reporting is \$48.32.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well as of the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

CROP.	FARMS REPORTING.		QUANTITY SOLD.		Amount received.
	Number.	Per cent of all farms.	Amount.	Unit.	
Total					\$7,277,118
Corn.....	347	0.6	96,563	Bu....	57,423
Oats.....	4,025	7.2	5,745,804	Bu....	2,540,010
Barley.....	1,174	2.1	2,469,845	Bu....	1,412,793
Hay and coarse forage.....	5,880	10.5	272,956	Tons...	3,266,892

While the total amount expended by Washington farmers for the purchase of feed in 1909 was \$5,045,000, the total receipts from the sale of feed by those reporting sales amounted to \$7,277,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.

Table 1 shows the population, number of farms, land and farm area, value of farm property, and number and value of domestic animals and of poultry and bees, as of April 15, 1910. Comparative data for June 1, 1900, are given in italics for certain items.

Table 2 gives the number of farms, the farm acreage, and the value of farm property operated by owners, tenants, and managers, collected as of April 15, 1910. Statistics of farm mortgages are included in this table. (See explanation in text.) Comparative data for June 1, 1900, are given in italics for certain items.

Table 3 gives statistics pertaining to products of live stock on farms (dairy products, poultry and eggs, honey and wax, and wool and mohair); also the num-

ber and value of domestic animals sold or slaughtered on farms for the year 1909.

Table 4 shows the total value of farm crops and the principal classes thereof, together with the acreage (or trees of bearing age) and production of the principal crops for the year 1909.

Table 5 gives statistics relating to selected farm expenses for 1909 and also shows the receipts from the sale of feedable crops.

Table 6 shows the number and value of domestic animals in barns and inclosures not on farms, by classes, together with the number of dairy cows and mature horses and mules, on April 15, 1910.

Change of boundaries.—In comparing the data secured in 1910 with those for 1900, the following changes in county boundaries should be considered: Benton County was organized from parts of Klickitat and Yakima Counties in 1905, and Grant County was organized from a part of Douglas County in 1909.

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Adams.	Asotin.	Benton.	Chehalis. ¹	Chelan.
1 Population.....	1,141,990	10,920	5,831	7,937	35,590	15,104
2 <i>Population in 1900</i>	<i>518,108</i>	<i>4,840</i>	<i>3,366</i>	(²)	<i>15,184</i>	<i>3,851</i>
3 Number of all farms.....	56,192	1,263	555	1,239	742	1,661
4 <i>Number of all farms in 1900</i>	<i>58,202</i>	<i>783</i>	<i>533</i>	(²)	<i>600</i>	<i>1,487</i>
5 Color and nativity of farmers:						
6 Native white.....	37,770	779	468	970	502	1,421
7 Foreign-born white.....	17,267	483	87	268	213	231
8 Negro and other nonwhite.....	1,125	1	.....	1	27	9
9 Number of farms, classified by size:						
10 Under 3 acres.....	563	.....	5	9	5	17
11 3 to 9 acres.....	4,593	4	153	147	52	301
12 10 to 19 acres.....	5,373	5	25	291	58	317
13 20 to 49 acres.....	10,252	10	20	255	174	271
14 50 to 99 acres.....	7,105	21	16	73	158	160
15 100 to 174 acres.....	13,884	188	98	223	189	368
16 175 to 259 acres.....	3,089	38	17	23	42	85
17 260 to 499 acres.....	6,126	339	98	94	44	83
18 500 to 999 acres.....	3,481	383	78	58	13	26
19 1,000 acres and over.....	1,726	277	45	66	3	3
LAND AND FARM AREA						
20 Approximate land area..... acres.....	42,775,040	1,223,680	387,840	1,069,440	1,233,280	1,850,000
21 Land in farms..... acres.....	11,712,235	979,455	189,987	260,044	84,347	152,613
22 <i>Land in farms in 1900</i> acres.....	<i>8,499,897</i>	<i>494,452</i>	<i>128,649</i>	(²)	<i>85,211</i>	<i>94,156</i>
23 Improved land in farms..... acres.....	6,373,311	747,778	79,265	186,397	26,165	42,251
24 <i>Improved land in farms in 1900</i> acres.....	<i>5,465,900</i>	<i>275,778</i>	<i>37,518</i>	(²)	<i>21,788</i>	<i>14,051</i>
25 Woodland in farms..... acres.....	1,541,551	1,905	15,260	1,037	28,215	49,076
26 Other unimproved land in farms..... acres.....	3,797,373	229,772	95,462	72,610	29,966	61,286
27 Per cent of land area in farms.....	27.4	80.0	49.0	24.3	6.8	8.2
28 Per cent of farm land improved.....	54.4	76.3	41.7	71.7	31.0	27.7
29 Average acres per farm.....	208.4	775.5	342.3	209.0	113.7	91.0
30 Average improved acres per farm.....	113.4	592.1	142.8	150.4	36.3	25.4
VALUE OF FARM PROPERTY						
31 All farm property..... dollars.....	637,543,411	29,712,292	6,404,012	14,316,556	5,336,998	24,045,236
32 <i>All farm property in 1900</i> dollars.....	<i>144,040,647</i>	<i>4,761,011</i>	<i>1,915,360</i>	(²)	<i>2,328,544</i>	<i>1,238,077</i>
33 Per cent increase, 1900-1910.....	342.6	524.1	234.4	.....	129.4	1,829.2
34 Land..... dollars.....	517,421,998	24,419,184	4,885,430	12,391,374	3,818,838	22,378,411
35 <i>Land in 1900</i> dollars.....	<i>99,310,510</i>	<i>3,567,850</i>	<i>1,211,890</i>	(²)	<i>1,502,310</i>	<i>882,180</i>
36 Buildings..... dollars.....	54,546,459	1,684,695	565,685	808,594	743,404	1,642,444
37 <i>Buildings in 1900</i> dollars.....	<i>16,899,800</i>	<i>328,100</i>	<i>202,230</i>	(²)	<i>327,800</i>	<i>120,200</i>
38 Implements and machinery..... dollars.....	16,709,844	1,033,769	195,365	347,635	192,029	341,330
39 <i>Implements, etc., in 1900</i> dollars.....	<i>6,271,650</i>	<i>268,090</i>	<i>78,820</i>	(²)	<i>89,310</i>	<i>54,920</i>
40 Domestic animals, poultry, and bees..... dollars.....	48,865,110	2,574,744	757,532	768,953	581,737	583,051
41 <i>Domestic animals, etc., in 1900</i> dollars.....	<i>22,159,207</i>	<i>612,971</i>	<i>427,320</i>	(²)	<i>407,034</i>	<i>222,477</i>
42 Per cent of value of all property in—						
43 Land.....	81.2	82.2	76.3	86.6	71.6	80.7
44 Buildings.....	8.6	5.7	8.8	5.6	13.9	6.6
45 Implements and machinery.....	2.6	3.5	3.1	2.4	3.6	1.4
46 Domestic animals, poultry, and bees.....	7.7	8.7	11.8	5.4	10.9	2.8
47 Average values:						
48 All property per farm..... dollars.....	11,346	23,525	11,539	11,555	7,193	15,018
49 Land and buildings per farm..... dollars.....	10,179	20,668	9,822	10,654	6,149	14,462
50 Land per acre..... dollars.....	44.18	24.93	25.71	47.65	45.28	146.64
51 <i>Land per acre in 1900</i> dollars.....	<i>11.68</i>	<i>7.20</i>	<i>8.42</i>	(²)	<i>17.63</i>	<i>9.37</i>
DOMESTIC ANIMALS (farms and ranges)						
52 Farms reporting domestic animals.....	50,596	1,209	512	1,019	681	1,293
53 Value of domestic animals..... dollars.....	47,370,775	2,541,715	744,928	741,876	554,825	555,457
54 Cattle:						
55 Total number.....	402,120	8,829	4,718	2,742	7,879	3,182
56 Dairy cows.....	186,233	2,109	1,169	1,087	4,012	1,608
57 Other cows.....	58,140	2,339	1,208	1,673	1,820	432
58 Yearling heifers.....	51,995	646	651	320	1,095	377
59 Calves.....	57,188	1,224	711	323	1,261	477
60 Yearling steers and bulls.....	20,120	389	634	144	364	146
61 Other steers and bulls.....	24,711	2,222	345	195	327	142
62 Value..... dollars.....	12,193,465	268,372	107,436	93,732	250,508	103,930
63 Horses:						
64 Total number.....	280,572	16,603	5,106	6,068	1,908	3,854
65 Mature horses.....	241,624	14,475	4,154	4,952	1,688	3,589
66 Yearling colts.....	27,272	1,480	638	778	190	228
67 Spring colts.....	11,071	648	314	338	30	37
68 Value..... dollars.....	29,680,849	1,861,147	387,555	509,353	265,545	426,835
69 Mules:						
70 Total number.....	12,185	1,726	47	187	16	68
71 Mature mules.....	9,949	1,358	39	146	16	60
72 Yearling colts.....	1,673	288	8	30	.....	5
73 Spring colts.....	563	80	.....	11	.....	3
74 Value..... dollars.....	1,776,297	257,230	5,434	24,415	2,610	10,940
75 Asses and burros:						
76 Number.....	173	12	1	2	2	6
77 Value..... dollars.....	82,405	8,650	100	2,020	22	900
78 Swine:						
79 Total number.....	206,135	6,200	4,285	2,100	3,164	1,212
80 Mature hogs.....	127,358	4,450	3,148	1,370	1,743	882
81 Spring pigs.....	78,779	1,750	1,137	730	1,421	330
82 Value..... dollars.....	1,674,927	49,959	31,829	16,405	25,570	11,815
83 Sheep:						
84 Total number.....	475,555	20,832	50,548	22,235	2,182	323
85 Rams, ewes, and wethers.....	295,264	15,974	33,870	17,028	1,442	243
86 Spring lambs.....	180,291	4,858	16,678	5,207	740	80
87 Value..... dollars.....	1,931,170	96,338	212,574	95,325	9,597	1,037
88 Goats:						
89 Number.....	8,621	6	.....	2	283	.....
90 Value..... dollars.....	31,662	19	.....	25	978	.....
POULTRY AND BEES						
91 Number of poultry of all kinds.....	2,272,775	70,644	23,259	35,302	31,341	38,587
92 Value..... dollars.....	1,367,440	33,004	12,312	23,505	23,310	23,891
93 Number of colonies of bees.....	33,884	5	68	793	1,110	716
94 Value..... dollars.....	126,895	25	292	3,573	3,602	3,708

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

STATISTICS OF AGRICULTURE.

627

BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Clallam. ¹	Clarke.	Columbia.	Cowlitz.	Douglas. ²	Ferry. ¹	Franklin.	Garfield.	Grant.	Island.	Jefferson.	King. ¹	Kitsap. ¹
1	6,755	26,115	7,042	12,561	9,227	4,800	5,153	4,199	8,698	4,704	8,337	284,638	17,647
2	5,603	15,419	7,128	7,877	4,926	4,569	488	3,918	(*)	1,870	5,712	110,055	6,767
3	607	2,515	703	909	1,730	590	620	504	1,607	458	262	3,287	950
4	395	1,878	708	761	854	68	61	521	(*)	254	212	1,785	445
5	331	1,686	646	594	1,410	417	499	444	1,151	225	138	1,598	323
6	230	820	55	309	320	152	119	59	456	222	114	1,459	617
7	46	9	2	6	.....	21	2	1	.....	11	10	230	10
8	21	8	.....	3	.....	.....	1	.....	.....	4	1	211	9
9	21	203	25	41	34	.....	1	.....	2	88	13	760	114
10	37	298	19	53	56	7	2	.....	6	58	22	583	210
11	128	788	47	211	45	20	6	24	11	151	41	891	384
12	120	615	43	190	39	85	13	20	27	91	40	414	119
13	212	437	134	274	391	423	240	71	803	63	93	319	89
14	43	103	81	59	153	38	22	37	60	23	24	63	15
15	23	50	178	67	568	53	125	134	312	21	16	34	9
16	2	12	117	8	330	6	104	128	265	8	2	10	1
17	.....	1	59	3	112	1	106	87	121	1	1	.....	.....
18	1,104,640	405,760	549,120	737,920	1,143,680	1,420,800	771,840	444,160	1,740,800	133,120	1,118,080	1,351,040	237,440
19	82,248	186,929	314,557	106,553	711,831	101,050	387,832	314,609	647,999	38,976	31,518	148,417	42,332
20	52,677	192,737	208,239	108,888	481,804	16,767	101,547	267,226	(*)	80,705	29,230	280,568	29,132
21	16,708	60,913	180,562	21,233	472,625	20,937	273,241	155,531	444,622	12,836	6,554	54,923	9,161
22	10,108	51,102	161,689	18,641	186,232	8,888	4,788	115,211	(*)	8,568	6,111	42,198	6,204
23	31,348	52,116	18,457	36,483	4,453	39,886	863	8,113	1,658	11,488	18,786	46,564	20,541
24	14,192	78,900	120,538	48,837	234,753	41,127	113,728	150,965	201,719	14,652	6,228	46,930	12,630
25	5.6	46.1	57.3	14.4	62.2	7.1	50.2	70.8	37.2	29.3	2.8	11.0	17.8
26	26.8	32.6	57.4	19.9	66.4	19.8	70.5	49.4	68.6	32.9	20.8	37.0	21.6
27	102.6	74.3	447.4	117.2	411.5	171.3	625.5	624.2	403.2	85.1	120.3	45.2	44.6
28	27.5	24.2	256.8	23.4	273.2	34.0	440.7	308.6	276.7	28.0	25.0	16.7	9.6
29	3,780,844	17,225,949	15,089,114	4,842,705	22,617,695	2,581,105	8,385,699	11,285,396	18,473,980	3,248,232	1,975,980	35,053,535	4,853,581
30	1,084,649	5,195,265	5,149,080	1,945,196	3,547,689	288,819	275,519	3,099,481	(*)	991,552	740,229	7,740,547	787,698
31	.....	231.6	193.0	148.5	.....	860.2	2,943.7	297.7	.....	227.6	166.9	352.8	540.6
32	2,720,045	13,143,927	12,343,865	3,355,221	18,944,388	1,862,849	6,935,915	9,035,738	15,789,937	2,467,835	1,340,742	28,804,345	3,555,357
33	722,890	3,641,580	3,849,380	1,230,390	2,097,150	199,700	91,860	2,074,290	(*)	679,990	452,300	5,622,640	489,940
34	469,755	2,383,935	873,065	765,612	1,120,442	279,176	310,621	619,050	799,010	386,010	339,150	3,854,464	913,595
35	164,790	766,540	414,660	325,320	281,350	26,100	8,860	250,980	(*)	142,780	139,340	1,172,740	165,790
36	134,609	478,152	456,577	152,834	761,594	109,194	325,916	410,027	516,493	111,134	66,270	521,860	114,249
37	45,980	178,180	243,160	60,880	219,740	7,780	6,310	185,100	(*)	58,460	29,660	190,550	20,160
38	446,375	1,219,935	1,415,617	569,038	1,791,271	329,886	813,247	1,220,581	1,368,540	283,253	229,818	1,872,866	270,380
39	180,989	624,415	641,970	332,426	949,449	35,229	168,489	559,081	(*)	150,122	184,429	764,637	91,718
40	72.2	76.3	81.8	69.3	83.8	72.2	82.7	80.1	85.5	76.0	67.9	82.2	73.3
41	12.4	13.8	5.8	15.8	5.0	10.8	3.7	5.5	4.3	11.9	17.2	11.0	18.8
42	3.6	2.8	2.0	3.2	3.4	4.2	3.9	3.6	2.8	3.4	3.4	1.5	2.4
43	11.8	7.1	9.4	11.8	7.9	12.8	9.7	10.8	7.4	8.7	11.6	5.3	5.6
44	6,229	6,849	21,464	5,323	13,074	4,375	13,525	22,392	11,496	7,092	7,542	10,664	5,100
45	5,271	6,174	18,801	4,533	11,598	3,631	11,688	19,156	10,323	6,231	6,412	9,936	4,704
46	43.86	70.32	39.24	31.49	26.61	18.43	17.88	28.72	24.37	63.32	42.64	194.03	88.90
47	13.73	18.89	14.68	11.30	4.97	12.67	0.90	8.06	(*)	22.15	16.44	20.04	16.22
48	539	2,317	653	843	1,646	511	540	493	1,286	413	233	2,817	843
49	434,790	1,165,028	1,898,299	546,825	1,754,803	319,684	801,090	1,207,236	1,345,503	266,187	222,648	1,733,775	205,096
50	6,890	* 18,168	5,478	* 10,229	7,199	* 4,763	1,040	* 7,274	4,378	3,602	3,487	26,024	3,961
51	3,930	11,073	1,783	4,805	2,353	1,495	575	1,148	1,808	2,020	1,933	18,166	2,522
52	604	1,364	1,492	1,325	1,680	952	87	1,633	668	443	368	966	155
53	918	2,164	719	1,321	896	605	139	715	506	426	2,908	569	59
54	968	2,437	663	1,576	1,071	810	184	681	775	405	413	2,554	542
55	196	497	358	625	545	503	25	263	183	49	164	593	113
56	276	415	463	540	664	316	30	2,394	375	133	183	447	60
57	202,397	* 486,306	143,790	* 255,728	183,491	* 119,862	34,642	* 255,176	118,751	118,195	142,618	1,057,505	115,064
58	1,486	5,477	8,421	2,216	14,298	2,384	5,753	7,866	12,437	898	549	5,109	862
59	1,306	4,897	7,268	1,956	12,255	2,006	4,997	6,731	10,563	832	485	4,721	836
60	143	776	776	208	1,408	283	475	7,727	1,214	47	82	321	22
61	37	89	377	52	635	65	261	343	660	19	12	67	4
62	201,662	612,082	923,287	253,678	1,438,804	184,818	536,250	773,508	1,076,155	123,042	66,505	569,219	80,705
63	13	18	1,003	12	608	60	448	461	477	2	8	36	6
64	13	18	792	12	452	59	397	358	387	2	8	34	6
65	.....	.....	177	.....	118	1	.....	75	54	.....	.....	.....	.....
66	.....	.....	84	.....	38	.....	.....	22	28	.....	.....	.....	.....
67	1,470	2,220	138,585	1,335	85,920	5,835	77,825	54,935	60,357	600	831	3,605	345
68	1	3	8	.....	5	1	3	10	3	.....	.....	2	1
69	40	2,015	4,250	.....	1,725	1,000	2,800	5,475	2,200	.....	40	50	100
70	2,680	6,369	6,137	3,891	5,063	998	1,990	5,930	4,464	1,127	1,177	9,123	812
71	1,375	3,768	4,148	2,354	3,620	700	1,367	4,272	3,220	480	577	5,122	428
72	1,305	2,611	1,989	1,537	1,443	298	623	1,658	1,244	647	600	4,001	384
73	21,068	51,066	45,192	27,940	44,389	7,376	16,677	52,387	37,891	10,223	9,642	98,611	6,792
74	2,336	2,062	26,341	1,767	74	54	40,146	14,516	12,473	3,312	830	800	502
75	1,543	1,348	18,823	1,264	71	33	23,220	9,184	9,121	1,933	512	537	320
76	793	714	7,518	503	3	21	16,926	5,332	3,352	1,329	318	268	182
77	8,029	7,352	143,185	7,153	319	453	132,956	65,705	50,149	13,364	2,837	3,265	1,955
78	40	1,512	2	304	25	40	8	2	.....	158	87	268	36
79	124	3,977	10	991	155	340	40	60	.....	763	125	1,620	135
80	15,904	72,998	33,553	27,372	67,501	16,260	21,848	24,506	46,540	26,212	10,256	172,715	106,318

TABLE 1.—FARMS AND FARM PROPERTY,

[Comparative data for June 1, 1900, in italics.]

	Kittitas.	Klickitat. ¹	Lewis.	Lincoln.	Mason. ²	Okanogan. ²	Pacific.	Pierce. ¹
1 Population.....	18,561	10,180	32,127	17,539	5,156	12,887	12,532	120,812
2 Population in 1900.....	9,704	6,407	15,157	11,989	8,810	4,689	6,988	55,615
3 Number of all farms.....	871	1,641	2,261	2,139	385	2,173	347	2,970
4 Number of all farms in 1900.....	889	1,080	1,738	1,911	274	506	342	1,455
5 Color and nativity of farmers:								
6 Native white.....	617	1,293	1,483	1,538	200	1,652	192	1,396
7 Foreign-born white.....	244	325	755	600	148	385	154	1,438
8 Negro and other nonwhite.....	10	22	22	1	37	136	1	136
9 Number of farms, classified by size:								
10 Under 3 acres.....	11	5	12	2	2	2	2	99
11 3 to 9 acres.....	38	51	125	30	13	25	28	733
12 10 to 19 acres.....	34	66	147	22	21	76	19	941
13 20 to 49 acres.....	92	134	595	46	114	175	65	710
14 50 to 99 acres.....	145	138	587	55	86	168	64	315
15 100 to 174 acres.....	287	549	561	427	94	1,257	105	297
16 175 to 259 acres.....	93	120	133	90	30	164	31	89
17 260 to 499 acres.....	123	316	87	638	18	253	21	61
18 500 to 999 acres.....	30	175	12	562	9	48	12	19
19 1,000 acres and over.....	18	87	2	267	5	5	2	6
LAND AND FARM AREA								
20 Approximate land area..... acres.....	1,490,560	1,168,000	1,516,160	1,473,280	595,200	3,341,440	572,800	1,088,640
21 Land in farms..... acres.....	262,005	630,291	214,872	1,209,910	42,928	379,766	47,092	156,600
22 Land in farms in 1900..... acres.....	199,085	404,947	222,755	1,209,910	33,658	30,198	51,936	146,060
23 Improved land in farms..... acres.....	78,939	181,581	62,838	799,380	7,678	122,386	9,305	42,405
24 Improved land in farms in 1900..... acres.....	65,057	115,630	58,558	516,924	6,718	19,599	8,133	28,505
25 Woodland in farms..... acres.....	17,559	87,379	63,287	52,864	22,028	61,533	21,633	60,334
26 Other unimproved land in farms..... acres.....	166,107	261,331	88,787	357,666	18,222	185,797	16,104	58,851
27 Per cent of land area in farms.....	17.6	45.4	14.2	82.1	7.2	11.4	8.2	14.4
28 Per cent of farm land improved.....	30.1	34.2	29.2	68.1	17.9	32.2	19.8	27.1
29 Average acres per farm.....	301.5	323.2	95.0	685.6	111.5	174.8	135.7	52.7
30 Average improved acres per farm.....	90.6	110.7	27.8	373.7	19.9	56.3	26.8	14.3
VALUE OF FARM PROPERTY								
31 All farm property..... dollars.....	14,491,850	10,430,994	12,993,401	42,153,274	2,095,869	15,523,053	2,547,903	20,531,078
32 All farm property in 1900..... dollars.....	3,186,480	4,381,540	4,351,408	11,233,178	717,059	1,370,691	1,015,645	4,070,366
33 Per cent increase, 1900-1910.....	354.8	200.0	200.0	275.1	192.3	1,032.5	151.4	404.4
34 Land..... dollars.....	11,734,000	13,491,844	9,502,073	34,734,427	1,479,407	12,183,967	1,830,785	16,320,024
35 Land in 1900..... dollars.....	1,838,980	2,879,200	2,775,130	8,228,450	445,870	666,330	621,380	2,500,340
36 Buildings..... dollars.....	1,123,875	1,215,562	1,773,437	2,546,100	358,640	1,117,578	352,340	2,760,047
37 Buildings in 1900..... dollars.....	388,600	458,450	692,800	859,920	128,380	187,190	179,680	785,060
38 Implements and machinery..... dollars.....	391,192	401,371	388,091	1,425,886	78,219	467,033	63,974	345,276
39 Implements, etc., in 1900..... dollars.....	158,550	216,330	168,680	648,280	28,630	71,810	29,480	159,000
40 Domestic animals, poultry, and bees..... dollars.....	1,243,783	1,322,217	1,329,890	3,446,861	179,603	1,754,425	300,804	1,065,831
41 Domestic animals, etc., in 1900..... dollars.....	880,580	1,007,380	708,958	1,473,625	114,779	504,861	122,725	548,795
42 Per cent of value of all property in—								
43 Land.....	81.0	82.1	73.1	82.4	70.6	78.5	71.9	79.5
44 Buildings.....	7.7	7.4	13.6	6.0	17.1	7.2	13.8	13.6
45 Implements and machinery.....	2.7	2.4	3.0	3.4	3.7	3.0	2.5	1.7
46 Domestic animals, poultry, and bees.....	8.6	8.0	10.2	8.2	8.6	11.3	11.8	5.2
47 Average values:								
48 All property per farm..... dollars.....	16,638	10,013	5,747	19,707	5,444	7,144	7,343	6,913
49 Land and buildings per farm..... dollars.....	14,761	8,962	4,987	17,429	4,774	6,121	6,291	6,438
50 Land per acre..... dollars.....	44.68	25.44	44.22	28.71	34.46	32.08	38.88	104.23
51 Land per acre in 1900..... dollars.....	9.24	6.62	12.34	9.16	13.24	8.32	11.97	17.80
DOMESTIC ANIMALS (farms and ranges)								
52 Farms reporting domestic animals.....	808	1,342	2,129	2,061	341	1,921	333	2,464
53 Value of domestic animals..... dollars.....	1,213,918	1,303,595	1,276,281	3,389,039	166,131	1,722,988	292,956	957,441
54 Cattle:								
55 Total number.....	11,229	8,551	19,811	13,664	2,914	23,035	5,784	16,304
56 Dairy cows.....	3,426	2,760	10,230	4,802	1,853	5,061	3,087	10,592
57 Other cows.....	3,496	2,204	1,888	3,563	240	6,432	551	1,279
58 Yearling heifers.....	1,664	1,200	2,671	1,508	474	3,130	642	1,781
59 Calves.....	1,258	1,150	2,879	2,062	502	2,868	949	1,981
60 Yearling steers and bulls.....	761	609	732	858	211	2,160	386	332
61 Other steers and bulls.....	624	628	911	871	134	2,934	109	271
62 Value..... dollars.....	329,715	215,608	512,162	361,536	74,208	599,920	176,255	504,439
63 Horses:								
64 Total number.....	5,935	3,331	5,800	26,950	749	13,926	914	4,074
65 Mature horses.....	5,059	7,322	5,008	22,941	662	11,419	783	3,805
66 Yearling colts.....	601	746	661	2,995	71	1,782	103	212
67 Spring colts.....	275	263	131	1,014	16	725	22	57
68 Value..... dollars.....	616,299	792,519	671,863	2,746,906	83,190	988,107	106,772	405,259
69 Mules:								
70 Total number.....	73	230	55	1,489	8	288	5	19
71 Mature mules.....	57	170	42	1,229	8	191	5	19
72 Yearling colts.....	15	56	12	192	82	82	5	19
73 Spring colts.....	1	4	1	68	15	15	5	19
74 Value..... dollars.....	7,700	29,940	5,940	203,438	530	28,475	500	2,050
75 Asses and burros:								
76 Number.....	3	3	8	8	22	22	22	22
77 Value..... dollars.....	1,250	3,800	4,410	4,410	5,730	5,730	5,730	5,730
78 Swine:								
79 Total number.....	3,151	10,438	11,626	8,488	725	4,538	829	4,070
80 Mature hogs.....	1,903	6,625	7,574	5,301	458	2,957	517	2,273
81 Spring pigs.....	1,248	3,813	4,052	3,187	267	1,581	312	1,797
82 Value..... dollars.....	28,996	74,542	70,981	70,393	5,704	37,452	8,141	33,032
83 Sheep:								
84 Total number.....	60,623	48,968	3,384	485	392	15,499	276	2,276
85 Rams, ewes, and wethers.....	34,738	28,795	2,090	332	293	10,350	169	1,385
86 Spring lambs.....	25,885	20,173	1,294	153	99	5,149	107	891
87 Value..... dollars.....	228,410	185,767	12,499	2,038	1,593	62,395	1,012	8,770
88 Goats:								
89 Number.....	339	304	1,043	37	222	143	76	1,220
90 Value..... dollars.....	1,548	1,419	2,846	318	906	810	276	3,891
POULTRY AND BEES								
91 Number of poultry of all kinds.....	35,181	35,663	80,622	114,104	19,117	56,802	12,134	161,720
92 Value..... dollars.....	26,626	18,180	48,067	57,789	10,393	29,097	7,133	102,784
93 Number of colonies of bees.....	1,168	112	2,558	6	882	825	188	1,513
94 Value..... dollars.....	3,239	442	7,532	33	3,079	2,340	715	5,606

¹ Change of boundary. (See explanation at close of text.)

STATISTICS OF AGRICULTURE.

629

BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	San Juan.	Skagit. ²	Skamania.	Snohomish. ²	Spokane.	Stevens. ²	Thurston. ²	Wahkiakum.	Walla Walla.	Whatcom. ²	Whitman.	Yakima. ²	Indian reservations.
1	3,603	29,241	2,887	59,209	139,404	25,297	17,581	3,285	31,931	49,511	33,280	41,709	
2	<i>2,028</i>	<i>14,878</i>	<i>1,688</i>	<i>28,960</i>	<i>67,542</i>	<i>10,543</i>	<i>9,987</i>	<i>2,819</i>	<i>18,680</i>	<i>24,116</i>	<i>26,860</i>	<i>18,468</i>	
3	483	1,897	232	1,813	3,947	3,196	1,173	229	1,383	2,413	3,096	3,341	
4	<i>588</i>	<i>889</i>	<i>289</i>	<i>1,024</i>	<i>2,911</i>	<i>1,182</i>	<i>666</i>	<i>247</i>	<i>1,029</i>	<i>1,262</i>	<i>3,081</i>	<i>1,293</i>	746
5	291	1,094	169	815	2,772	2,273	812	89	1,107	1,205	2,508	2,602	
6	176	773	63	983	1,163	822	344	138	266	1,058	586	670	
7	16	30		15	12	101	17	2	20	90	2	69	
8		10	1	8	15	2	19	1	8	47	12	14	
9	17	232	5	202	333	40	89	4	139	157	58	358	
10	30	314	14	311	336	52	134	6	119	294	82	605	
11	118	616	51	578	522	221	316	40	147	893	133	1,208	
12	91	325	55	341	540	380	195	67	91	561	197	503	
13	140	286	75	279	1,099	1,909	196	73	205	385	653	302	
14	36	63	15	47	315	265	88	21	87	49	345	78	
15	35	47	15	33	560	274	88	14	201	23	951	120	
16	12	4	1	10	187	45	32	2	200	4	502	64	
17	4			4	40	8	16	1	186		163	29	
18	113,920	1,135,360	1,078,400	1,820,960	1,123,840	2,474,240	453,760	170,880	809,600	1,332,480	1,349,120	3,287,760	
19	<i>69,612</i>	<i>118,118</i>	<i>25,931</i>	<i>118,328</i>	<i>682,330</i>	<i>521,259</i>	<i>151,243</i>	<i>29,080</i>	<i>739,699</i>	<i>145,747</i>	<i>1,187,960</i>	<i>320,921</i>	
20	<i>50,981</i>	<i>87,161</i>	<i>39,861</i>	<i>97,607</i>	<i>665,872</i>	<i>216,041</i>	<i>128,822</i>	<i>52,564</i>	<i>651,847</i>	<i>119,434</i>	<i>1,168,817</i>	<i>642,376</i>	79,888
21	15,547	58,273	4,477	34,126	361,958	116,872	36,112	4,866	479,630	46,886	923,820	170,410	
22	<i>11,618</i>	<i>58,563</i>	<i>4,080</i>	<i>28,871</i>	<i>280,169</i>	<i>87,832</i>	<i>36,018</i>	<i>4,468</i>	<i>501,719</i>	<i>26,642</i>	<i>711,975</i>	<i>104,680</i>	50,680
23	29,374	30,167	12,703	32,849	213,600	279,838	58,449	10,489	27,867	57,134	14,367	6,848	
24	21,691	29,678	8,451	51,353	106,772	124,549	57,982	13,685	232,172	41,728	249,809	137,663	
25	58.5	10.4	2.4	9.0	60.7	21.1	33.3	17.0	61.4	10.9	88.1	9.9	
26	23.3	49.3	17.5	28.8	68.0	22.4	33.2	16.7	64.8	32.2	77.8	55.0	
27	137.9	62.3	110.5	65.3	172.9	168.1	128.9	126.8	534.9	60.4	383.7	96.1	
28	32.2	30.7	19.3	18.8	91.7	36.6	29.9	21.2	346.8	19.4	298.4	62.8	
29	3,120,947	17,960,798	1,597,075	13,846,133	47,521,952	18,820,826	7,681,746	1,429,823	30,517,589	14,715,519	67,357,022	47,777,580	
30	<i>1,104,923</i>	<i>4,266,907</i>	<i>468,264</i>	<i>3,879,682</i>	<i>11,823,612</i>	<i>2,626,069</i>	<i>2,176,021</i>	<i>740,544</i>	<i>15,980,517</i>	<i>3,474,218</i>	<i>20,222,202</i>	<i>6,761,876</i>	1,666,660
31	182.5	320.9	241.1	204.9	301.8	609.1	253.0	93.1	182.7	323.6	233.1		
32	2,255,825	13,828,420	1,265,615	9,946,522	38,084,691	15,056,801	5,553,465	954,570	33,554,517	10,733,909	55,179,702	40,617,133	
33	<i>726,800</i>	<i>2,960,110</i>	<i>306,870</i>	<i>2,248,110</i>	<i>8,373,180</i>	<i>1,608,190</i>	<i>1,376,110</i>	<i>469,680</i>	<i>10,958,090</i>	<i>2,154,160</i>	<i>14,806,680</i>	<i>4,837,340</i>	887,800
34	488,075	2,101,320	184,170	1,861,167	4,740,850	1,717,439	1,215,910	259,780	2,125,584	2,125,341	4,222,343	3,662,214	
35	<i>186,440</i>	<i>699,400</i>	<i>63,780</i>	<i>632,680</i>	<i>1,514,820</i>	<i>561,660</i>	<i>386,800</i>	<i>180,000</i>	<i>1,053,830</i>	<i>645,100</i>	<i>1,708,070</i>	<i>622,440</i>	136,280
36	108,177	486,828	46,815	351,672	988,795	528,567	209,029	42,460	909,072	417,807	1,904,939	792,696	
37	<i>44,880</i>	<i>169,670</i>	<i>19,080</i>	<i>111,900</i>	<i>578,180</i>	<i>148,880</i>	<i>84,890</i>	<i>23,510</i>	<i>628,660</i>	<i>134,440</i>	<i>978,610</i>	<i>262,890</i>	107,120
38	268,870	1,534,232	100,475	1,181,872	2,807,616	1,321,019	703,342	173,013	2,840,416	1,438,462	6,050,688	2,705,517	
39	<i>148,408</i>	<i>642,087</i>	<i>85,584</i>	<i>486,668</i>	<i>1,867,968</i>	<i>616,649</i>	<i>379,421</i>	<i>117,264</i>	<i>1,448,837</i>	<i>540,488</i>	<i>2,669,908</i>	<i>1,676,308</i>	625,780
40	72.3	77.0	79.2	74.5	82.0	80.9	72.3	68.8	84.9	72.9	81.9	85.0	
41	15.6	11.7	11.9	13.9	10.0	9.2	15.8	18.2	5.4	14.4	6.3	7.7	
42	3.5	2.7	2.5	2.7	2.1	2.8	2.7	3.0	2.5	2.8	2.8	1.7	
43	8.6	8.5	6.3	8.9	5.9	7.1	9.2	12.1	7.2	9.8	9.0	5.7	
44	6,462	9,468	6,884	7,361	12,040	5,826	6,549	6,244	23,574	6,098	21,756	14,800	
45	5,681	8,403	6,249	6,613	11,078	5,249	5,771	5,303	25,798	5,329	19,187	13,263	
46	33.87	117.16	49.38	84.08	57.13	28.89	36.72	32.88	45.36	73.65	46.45	126.56	
47	<i>14.22</i>	<i>53.92</i>	<i>7.70</i>	<i>23.06</i>	<i>12.78</i>	<i>7.45</i>	<i>10.68</i>	<i>14.42</i>	<i>16.81</i>	<i>18.04</i>	<i>12.67</i>	<i>7.81</i>	11.19
48	446	1,762	211	1,693	3,667	2,598	1,094	223	1,263	2,281	2,976	3,135	
49	258,634	1,478,743	95,874	1,131,800	2,691,561	1,283,024	663,857	167,893	2,792,596	1,370,983	5,948,634	2,625,053	
50	3,073	19,545	1,395	19,271	18,437	14,822	10,773	3,969	9,626	20,001	29,195	21,248	
51	1,916	10,781	767	11,875	6,567	6,359	5,488	2,362	3,627	11,036	9,316	4,831	
52	276	1,484	138	1,068	2,191	2,095	1,310	113	2,187	1,348	5,632	3,485	
53	283	2,865	218	2,897	2,614	2,106	1,456	498	1,226	3,050	3,702	2,273	
54	401	3,021	201	2,714	2,895	2,547	1,798	673	1,372	3,375	4,655	2,514	
55	95	745	36	364	724	985	311	227	663	853	2,244	781	
56	102	649	35	353	413	724	410	96	601	429	3,631	1,209	
57	79,941	648,339	37,290	653,433	638,781	396,184	288,805	113,122	291,551	652,495	809,968	753,801	
58	966	5,309	479	3,320	17,650	8,652	2,965	439	16,355	4,776	36,889	14,798	
59	854	4,564	452	3,027	15,514	7,572	2,593	399	14,039	4,285	30,815	12,800	
60	98	588	21	255	701	701	289	32	1,240	391	3,945	1,823	
61	14	162	6	38	459	241	83	8	684	100	2,129	600	
62	132,965	771,821	51,865	427,390	1,919,248	805,016	347,253	46,206	1,796,418	630,883	4,465,790	1,584,239	
63	2	51	5	32	343	125	17	4	2,267	28	1,709	289	
64	2	51	4	32	282	110	15	4	2,106	28	1,262	175	
65					45	14	2		94		325	49	
66					16	1			67		122	15	
67	300	7,525	690	4,780	49,720	17,500	1,975	285	433,400	3,715	212,062	31,270	
68		1			5	4			12		42	5	
69		75			1,345	2,150	83		14,450		16,125	1,550	
70	1,212	4,820	307	4,392	9,099	5,358	3,027	1,109	9,768	6,993	40,841	8,569	
71	639	2,669	185	2,339	5,248	3,239	1,684	737	6,676	2,998	25,609	4,711	
72	573	2,151	182	2,053	3,851	2,119	1,343	372	3,087	3,995	15,232	3,868	
73	7,384	34,784	3,402	38,005	76,323	45,289	24,733	7,369	85,428	55,748	332,317	70,177	
74	9,855	3,914	510	1,395	1,285	4,281	1,223	201	46,118	6,592	28,466	38,479	
75	6,160	2,495	346	881	766	2,629	724	137	19,800	8,865	20,649	22,144	
76	3,695	1,419	164	514	519	1,662	499	64	26,318	2,727	7,817	16,335	
77	37,057	15,933	1,987	6,084	4,847	15,804	4,830	861	171,205	27,747	111,780	178,968	
78	143	58	190	331	305	506	629	12	43	124	124	9	
79	987	816	640	2,108	1,297	2,131	1,678	60	149	395	592	48	
80	17,349	81,858	6,368	71,675	166,618	68,569	55,801	8,072	68,419	99,982	168,877	102,728	
81	9,755	47,419	3,805	44,757	111,180	37,206	36,166	4,430	37,499	69,822	94,228	61,804	
82	162	2,292	221	1,278	869	109	961	161	2,150	1,968	1,886	5,583	
83	481	8,070	786	5,316	4,875	789	3,319	690	10,321	7,667	7,181	18,660	

² Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

³ Includes animals age or sex not specified

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR
[Comparative data for June 1, 1900, in italics.]

	THE STATE.	Adams.	Asotin.	Benton.	Chehalis. ¹	Chelan.	
FARMS OPERATED BY OWNERS							
1	Number of farms.....	47,505	967	486	1,101	623	1,501
2	Number of farms in 1900.....	<i>28,020</i>	<i>759</i>	<i>489</i>	(²)	<i>498</i>	<i>407</i>
3	Per cent of all farms.....	84.5	76.6	87.6	88.0	84.0	90.4
4	Per cent of all farms in 1900.....	<i>84.4</i>	<i>74.4</i>	<i>88.0</i>	(²)	<i>83.0</i>	<i>89.1</i>
5	Land in farms..... acres.....	9,115,171	684,712	150,283	206,985	65,346	125,483
6	Improved land in farms..... acres.....	4,760,836	545,487	59,688	156,849	20,091	35,919
7	Value of land and buildings..... dollars.....	430,624,440	18,967,798	4,378,115	9,189,156	3,645,352	20,642,405
Degree of ownership:							
8	Farms consisting of owned land only.....	41,729	528	406	932	580	1,382
9	Farms consisting of owned and hired land.....	5,776	439	80	169	43	119
Color and nativity of owners:							
10	Native white.....	31,163	581	403	858	413	1,279
11	Foreign-born white.....	15,641	385	83	242	185	213
12	Negro and other nonwhite.....	701	1	.....	1	25	9
FARMS OPERATED BY TENANTS							
13	Number of farms.....	7,726	275	62	84	110	110
14	Number of farms in 1900.....	<i>4,777</i>	<i>42</i>	<i>65</i>	(²)	<i>94</i>	<i>42</i>
15	Per cent of all farms.....	13.7	21.8	11.2	6.8	14.8	6.0
16	Per cent of all farms in 1900.....	<i>14.4</i>	<i>5.4</i>	<i>11.8</i>	(²)	<i>15.7</i>	<i>9.2</i>
17	Land in farms..... acres.....	2,067,982	213,056	29,931	29,818	17,804	9,522
18	Improved land in farms..... acres.....	1,453,014	188,436	14,507	23,613	5,505	3,208
19	Value of land and buildings..... dollars.....	111,929,543	6,183,661	760,200	1,114,787	784,100	1,391,950
Form of tenancy:							
20	Share tenants.....	3,459	254	34	53	14	49
21	Share-cash tenants.....	255	3	4	2	3	6
22	Cash tenants.....	3,089	9	22	22	62	23
23	Tenure not specified.....	923	9	2	7	31	32
Color and nativity of tenants:							
24	Native white.....	5,838	183	59	66	82	100
25	Foreign-born white.....	1,475	92	3	18	26	10
26	Negro and other nonwhite.....	413	.....	.....	.....	2	.....
FARMS OPERATED BY MANAGERS							
27	Number of farms.....	961	21	7	54	9	50
28	Number of farms in 1900.....	<i>405</i>	<i>2</i>	<i>1</i>	(²)	<i>8</i>	<i>8</i>
29	Land in farms..... acres.....	529,082	81,687	9,773	23,241	1,697	7,608
30	Improved land in farms..... acres.....	169,461	13,855	5,070	5,935	570	3,124
31	Value of land and buildings..... dollars.....	29,414,474	952,320	312,800	2,896,025	132,880	1,986,500
MORTGAGE DEBT REPORTS:							
For all farms operated by owners:							
32	Number free from mortgage debt.....	30,979	394	262	557	455	747
33	Number with mortgage debt.....	16,025	560	221	540	156	749
34	Number with no mortgage report.....	500	13	3	4	12	5
For farms consisting of owned land only:							
35	Number reporting debt and amount.....	12,715	236	170	450	143	636
36	Value of their land and buildings..... dollars.....	113,394,795	4,475,006	1,666,340	3,191,136	863,940	9,041,270
37	Amount of mortgage debt..... dollars.....	25,644,551	1,266,345	438,220	848,064	190,400	1,783,884
38	Per cent of value of land and buildings.....	22.6	28.3	26.3	26.0	22.0	19.7

¹ Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

² Change of boundary. (See explanation at close of text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS								
Dairy Products								
1	Dairy cows on farms reporting dairy products.....	number..	163,508	1,877	927	708	3,488	1,305
2	Dairy cows on farms reporting milk produced.....	number..	141,568	1,604	924	784	3,331	1,281
3	Milk—Produced.....	gallons..	70,083,038	529,638	299,006	359,396	1,785,641	545,951
4	Sold.....	gallons..	25,524,209	22,397	622	36,954	605,043	67,283
5	Cream sold.....	gallons..	1,911,261	880	1,075	1,874	76,981	700
6	Butter fat sold.....	pounds..	4,886,283	.....	14,020	.....	59,448	.....
7	Butter—Produced.....	pounds..	6,751,575	137,872	56,782	96,205	123,203	129,301
8	Sold.....	pounds..	3,112,326	53,382	23,943	46,446	72,269	50,392
9	Cheese—Produced.....	pounds..	52,070	.....	40	.....	.....	100
10	Sold.....	pounds..	43,530	.....	.....	.....	.....	.....
11	Value of dairy products, excluding home use of milk and cream.....	dollars..	8,746,041	47,659	22,982	38,294	208,416	63,524
12	Receipts from sale of dairy products.....	dollars..	7,693,479	23,454	13,225	23,598	192,263	38,384
Poultry Products								
13	Poultry—Raised.....	number..	3,186,743	103,235	35,625	48,497	47,086	63,585
14	Sold.....	number..	1,250,839	16,733	12,867	19,250	21,054	16,637
15	Eggs—Produced.....	dozens..	14,326,404	865,334	112,903	191,374	193,082	208,851
16	Sold.....	dozens..	8,672,408	175,241	53,229	101,867	108,887	81,778
17	Value of poultry and eggs produced.....	dollars..	5,858,655	120,750	40,880	77,581	80,699	91,239
18	Receipts from sale of poultry and eggs.....	dollars..	2,995,220	47,988	18,693	39,277	47,599	32,555
Honey and Wax								
19	Honey produced.....	pounds..	503,580	.....	415	15,538	15,111	8,277
20	Wax produced.....	pounds..	4,038	.....	4	20	119	109
21	Value of honey and wax produced.....	dollars..	66,391	.....	71	1,830	1,874	1,421
Wool, Mohair, and Goat Hair								
22	Wool, fleeces shorn.....	number..	283,663	19,181	25,855	6,715	1,245	138
23	Mohair and goat hair, fleeces shorn.....	number..	5,154	.....	.....	.....	108	7
24	Value of wool and mohair produced.....	dollars..	474,459	31,697	42,206	16,134	2,051	226
DOMESTIC ANIMALS SOLD OR SLAUGHTERED								
25	Calves—Sold or slaughtered.....	number..	74,529	995	346	192	2,118	403
26	Other cattle—Sold or slaughtered.....	number..	119,455	2,310	2,741	692	1,834	695
27	Horses, mules, and asses and burros—Sold.....	number..	19,432	847	375	665	139	450
28	Swine—Sold or slaughtered.....	number..	214,486	7,057	5,589	2,144	3,074	1,893
29	Sheep and goats—Sold or slaughtered.....	number..	186,201	9,646	4,104	1,014	1,024	110
30	Receipts from sale of animals.....	dollars..	7,771,950	255,929	170,818	85,438	86,216	60,896
31	Value of animals slaughtered.....	dollars..	2,477,396	77,996	20,790	14,859	47,740	24,553

STATISTICS OF AGRICULTURE.

631

AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

	Clallam. ¹	Clarke.	Columbia.	Cowlitz.	Douglas. ²	Ferry. ¹	Franklin.	Garfield.	Grant.	Island.	Jefferson.	King. ¹	Kitsap. ¹
1	507	2,181	474	798	1,519	547	556	344	1,499	415	227	2,621	879
2	<i>555</i>	<i>1,689</i>	<i>501</i>	<i>654</i>	<i>789</i>	<i>57</i>	<i>52</i>	<i>398</i>	(?)	<i>190</i>	<i>169</i>	<i>1,388</i>	<i>418</i>
3	83.5	86.7	67.4	87.8	87.8	92.7	89.7	68.3	93.3	90.6	86.6	79.7	92.5
4	<i>84.8</i>	<i>87.0</i>	<i>79.5</i>	<i>84.4</i>	<i>85.6</i>	<i>91.9</i>	<i>85.2</i>	<i>76.4</i>	(?)	<i>74.8</i>	<i>79.7</i>	<i>77.8</i>	<i>88.8</i>
5	50,359	152,833	210,474	91,490	608,132	93,814	315,591	209,163	569,015	32,829	27,451	111,818	38,048
6	12,027	45,978	103,873	16,636	392,985	17,978	232,455	98,961	381,871	10,740	5,253	37,905	8,230
7	2,462,525	12,657,727	8,092,280	3,373,798	16,512,974	1,971,975	6,023,746	6,280,798	14,021,862	2,457,905	1,304,696	21,454,964	3,972,252
8	465	2,052	360	766	950	513	333	218	1,054	399	212	2,533	865
9	42	129	114	32	569	34	223	126	445	16	15	88	14
10	266	1,421	425	503	1,226	379	449	293	1,065	202	118	1,308	286
11	200	756	49	289	293	148	105	50	434	210	102	1,277	589
12	41	4	-----	6	-----	20	2	1	-----	3	7	35	4
13	89	292	220	107	187	43	52	146	103	35	29	608	60
14	<i>50</i>	<i>803</i>	<i>133</i>	<i>113</i>	<i>49</i>	<i>5</i>	<i>7</i>	<i>116</i>	(?)	<i>64</i>	<i>40</i>	<i>372</i>	<i>28</i>
15	14.7	11.6	31.3	11.8	10.8	7.3	8.4	29.0	6.4	7.6	11.1	18.5	6.3
16	<i>12.7</i>	<i>10.8</i>	<i>18.8</i>	<i>15.0</i>	<i>5.7</i>	<i>8.1</i>	<i>11.5</i>	<i>22.1</i>	(?)	<i>25.2</i>	<i>18.9</i>	<i>20.8</i>	<i>6.5</i>
17	10,221	29,497	100,640	14,683	97,110	7,236	55,338	79,742	69,704	2,984	3,260	27,460	3,010
18	3,973	10,506	74,278	4,470	78,015	2,059	34,383	62,806	60,451	1,364	932	13,750	756
19	611,475	2,487,035	4,861,790	721,140	2,621,506	170,050	915,710	2,961,040	2,098,385	223,600	294,100	9,054,945	358,300
20	-----	43	175	15	125	15	39	129	88	4	2	28	7
21	3	3	-----	6	-----	-----	7	4	2	-----	-----	7	-----
22	70	199	25	51	7	25	2	10	6	27	15	514	37
23	19	47	20	35	50	3	4	3	7	3	12	59	16
24	59	230	212	88	160	38	40	139	81	17	16	260	27
25	26	57	6	19	27	4	12	7	22	10	10	164	27
26	4	5	-----	-----	-----	1	-----	-----	-----	8	3	194	6
27	11	42	9	4	24	-----	12	14	5	8	6	58	11
28	<i>10</i>	<i>41</i>	<i>18</i>	<i>4</i>	<i>6</i>	-----	<i>2</i>	<i>8</i>	(?)	-----	<i>3</i>	<i>25</i>	<i>2</i>
29	1,668	4,599	3,487	400	6,589	-----	16,903	25,704	9,280	3,163	801	9,139	1,279
30	708	1,429	2,411	127	1,625	-----	6,403	3,764	2,600	732	369	3,208	175
31	125,800	383,100	262,900	25,900	930,350	-----	307,080	412,950	468,700	172,340	81,096	2,148,900	198,400
32	369	1,422	285	619	885	488	357	189	1,031	253	187	1,882	676
33	138	752	185	170	630	48	198	137	418	161	39	716	203
34	-----	7	4	9	4	11	1	18	50	1	1	23	-----
35	111	679	133	155	314	37	77	78	177	153	38	654	194
36	704,690	3,622,817	1,728,970	642,940	2,872,469	136,950	858,045	1,178,375	1,817,684	981,450	154,250	5,232,250	869,367
37	141,890	909,822	494,565	152,289	591,668	21,313	170,455	314,890	408,921	198,058	36,617	1,035,097	155,481
38	20.1	26.1	28.0	23.7	20.6	15.6	19.9	26.7	22.5	21.3	23.7	19.7	17.9

* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

1	3,564	10,178	1,570	4,146	1,871	1,159	486	987	1,504	1,919	1,381	17,027	2,344
2	2,876	9,036	1,387	2,985	1,374	1,099	459	974	1,394	1,734	1,170	16,445	2,288
3	1,893,035	4,212,737	460,071	1,057,942	461,048	307,522	191,949	321,356	496,649	931,841	649,638	10,616,773	1,054,687
4	19,829	380,272	26,291	193,250	6,878	9,971	23,486	3,988	18,130	13,540	7,829,410	135,289	189,289
5	261,764	105,175	6,373	40,299	-----	14,761	110	200	-----	19,176	37,778	195,255	32,335
6	84,315	762,423	6,435	154,885	-----	10,411	-----	5,160	-----	234,559	32,005	154,736	41,371
7	66,022	218,001	123,827	124,131	147,598	53,991	40,272	66,053	97,139	51,072	30,361	365,801	167,839
8	26,709	74,721	56,379	59,747	54,273	17,925	10,150	11,653	33,625	18,273	16,747	184,947	75,248
9	435	2,314	-----	-----	620	70	80	-----	162	-----	-----	22,450	-----
10	245	1,276	-----	-----	220	-----	73	-----	-----	-----	-----	20,450	-----
11	241,740	440,038	47,529	150,571	44,403	34,838	19,924	19,604	29,407	117,113	77,466	1,547,911	124,241
12	230,806	398,583	28,842	131,818	17,833	24,221	10,834	4,310	13,932	107,204	73,116	1,490,064	97,232
13	25,413	94,780	44,877	40,152	111,540	25,311	36,755	39,704	70,659	35,100	13,220	253,402	138,029
14	10,911	38,669	13,528	18,529	30,019	9,138	9,003	7,692	13,808	19,957	6,304	133,682	90,433
15	118,039	475,313	170,879	174,605	323,674	102,804	124,578	127,077	278,868	203,139	61,695	1,310,696	994,549
16	59,204	269,003	61,274	93,604	147,748	52,666	54,821	37,424	108,705	161,775	34,797	979,982	880,219
17	43,886	169,564	55,971	66,279	123,918	42,726	48,544	43,749	93,435	71,451	25,975	547,777	348,687
18	22,114	88,087	21,929	35,842	49,849	20,870	19,828	11,872	30,901	53,690	14,548	374,147	290,666
19	3,210	34,388	3,271	34,970	80	-----	245	866	80	940	425	17,314	3,555
20	28	257	-----	380	-----	-----	-----	5	-----	-----	-----	99	-----
21	541	4,615	561	4,063	12	-----	33	189	16	180	75	2,851	644
22	1,298	939	17,666	1,095	27	20	24,813	7,432	14,600	1,730	442	494	120
23	58	967	-----	80	13	17	-----	-----	5	107	40	168	25
24	1,609	2,045	34,932	1,849	79	82	39,061	12,754	22,759	3,027	479	802	153
25	1,130	5,391	258	2,204	689	418	83	276	490	962	604	10,351	1,228
26	1,682	2,344	2,252	2,564	3,537	1,575	546	3,955	1,680	558	473	4,646	731
27	120	297	532	152	1,170	209	437	492	830	54	25	292	33
28	3,663	6,539	5,449	3,263	7,586	1,142	2,678	6,257	5,088	1,775	1,604	6,008	752
29	570	751	7,001	867	11	18	16,252	4,391	11,731	1,165	321	411	204
30	64,823	95,454	203,700	90,940	228,375	59,122	146,306	306,979	194,414	27,223	12,551	212,139	16,671
31	56,302	115,446	49,502	55,699	114,621	27,160	25,697	28,947	50,265	29,067	30,445	132,513	22,935

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND
[Comparative data for June 1, 1900, in italics.]

	Kittitas.	Klicki- tat. 1, 2	Lewis.	Lincoln.	Mason. 2	Okanogan. 2	Pacific.	Pierce. 1
FARMS OPERATED BY OWNERS								
1	Number of farms.....	677	1,413	2,023	1,695	356	2,098	2,576
2	Number of farms in 1900.....	537	965	1,580	1,673	242	511	1,155
3	Per cent of all farms.....	77.7	86.1	89.5	79.2	92.5	85.9	86.7
4	Per cent of all farms in 1900.....	84.0	89.4	89.0	87.5	88.3	89.0	79.4
5	Land in farms.....acres.....	203,805	456,314	186,269	953,538	30,219	354,790	127,128
6	Improved land in farms.....acres.....	57,200	160,862	52,781	619,703	6,837	114,402	31,658
7	Value of land and buildings.....dollars.....	9,389,685	11,954,771	9,561,520	28,774,617	1,690,797	12,047,145	14,362,553
Degree of ownership:								
8	Farms consisting of owned land only.....	624	1,183	1,890	1,230	347	1,878	2,477
9	Farms consisting of owned and hired land.....	53	230	133	465	9	181	98
Color and nativity of owners:								
10	Native white.....	463	1,100	1,291	1,157	170	1,562	1,199
11	Foreign-born white.....	207	299	711	537	144	367	1,332
12	Negro and other nonwhite.....	7	14	21	1	33	130	44
FARMS OPERATED BY TENANTS								
13	Number of farms.....	158	147	230	416	25	91	361
14	Number of farms in 1900.....	104	107	187	216	18	10	275
15	Per cent of all farms.....	18.1	9.0	10.2	19.4	6.5	4.2	12.2
16	Per cent of all farms in 1900.....	14.9	9.9	10.5	11.9	6.6	2.0	13.0
17	Land in farms.....acres.....	28,199	51,843	26,271	214,754	3,274	16,347	25,744
18	Improved land in farms.....acres.....	15,936	24,118	9,469	162,575	791	5,699	9,536
19	Value of land and buildings.....dollars.....	2,502,330	1,585,525	1,515,290	7,757,910	134,350	421,900	4,351,058
Form of tenancy:								
20	Share tenants.....	74	93	32	340	5	33	37
21	Share-cash tenants.....	15	3	2	12	1	2	78
22	Cash tenants.....	43	32	150	29	18	34	220
23	Tenure not specified.....	26	19	46	35	1	22	26
Color and nativity of tenants:								
24	Native white.....	124	124	186	357	17	76	173
25	Foreign-born white.....	81	15	43	59	4	9	96
26	Negro and other nonwhite.....	3	8	1	4	6	1	92
FARMS OPERATED BY MANAGERS								
27	Number of farms.....	36	81	8	23	4	23	34
28	Number of farms in 1900.....	8	8	10	22	1	1	25
29	Land in farms.....acres.....	30,601	22,134	2,332	36,618	435	3,529	3,718
30	Improved land in farms.....acres.....	5,803	6,801	538	17,102	50	2,285	1,211
31	Value of land and buildings.....dollars.....	904,860	1,167,110	198,700	748,000	12,900	832,500	406,360
MORTGAGE DEBT REPORTS:								
For all farms operated by owners:								
32	Number free from mortgage debt.....	427	920	1,446	895	265	1,557	1,872
33	Number with mortgage debt.....	240	486	558	766	54	459	684
34	Number with no mortgage report.....	10	7	19	34	7	43	10
For farms consisting of owned land only:								
35	Number reporting debt and amount.....	221	386	483	476	51	401	605
36	Value of their land and buildings.....dollars.....	3,132,405	3,597,700	2,462,025	7,178,637	313,872	3,800,110	3,009,525
37	Amount of mortgage debt.....dollars.....	659,106	808,399	611,623	1,536,923	72,610	650,555	681,410
38	Per cent of value of land and buildings.....	21.0	22.5	24.8	21.4	23.1	19.7	22.6

¹ Change of boundary. (See explanation at close of text.)

² Agricultural data for Indians on reservations in 1900 shown separately in last column of table.

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

LIVE STOCK PRODUCTS									
Dairy Products									
1	Dairy cows on farms reporting dairy products.....number.....	2,628	2,145	9,109	3,724	1,229	3,547	2,749	9,420
2	Dairy cows on farms reporting milk produced.....number.....	2,084	1,777	8,335	3,475	1,138	2,680	2,303	8,383
3	Milk—Produced.....gallons.....	999,625	675,397	3,547,744	1,241,185	510,594	933,621	1,147,580	4,401,074
4	Sold.....gallons.....	392,834	107,783	1,401,176	128,360	49,233	23,445	630,208	2,269,773
5	Cream sold.....gallons.....	16,453	70,907	6,753	13,025	5,926	26,903	126,604	126,604
6	Butter fat sold.....pounds.....	125,000	67,451	138,719	5,364	28,155	170,936	17,052	136,231
7	Butter—Produced.....pounds.....	120,573	104,667	260,103	256,600	66,277	118,586	81,036	347,050
8	Sold.....pounds.....	88,912	43,593	104,821	89,919	34,118	66,077	46,027	177,945
9	Cheese—Produced.....pounds.....	4,200	365	.....	.....	.....	1,550	150	1,790
10	Sold.....pounds.....	3,870	.....	.....	.....	.....	700	.....	1,610
11	Value of dairy products, excluding home use of milk and cream.....dollars.....	144,030	70,089	363,222	99,990	49,364	97,625	130,487	648,146
12	Receipts from sale of dairy products.....dollars.....	134,474	52,911	323,256	53,783	30,395	74,201	119,234	599,503
Poultry Products									
13	Poultry—Raised.....number.....	50,848	47,304	104,062	182,983	26,331	74,073	18,428	207,896
14	Sold.....number.....	19,258	11,134	51,085	42,798	10,095	18,855	8,027	109,737
15	Eggs—Produced.....dozens.....	169,320	165,343	520,804	584,940	168,841	274,985	92,871	1,173,746
16	Sold.....dozens.....	86,909	66,107	208,951	252,137	117,263	120,959	59,724	389,671
17	Value of poultry and eggs produced.....dollars.....	74,059	57,626	188,054	213,608	58,585	101,507	37,388	417,856
18	Receipts from sale of poultry and eggs.....dollars.....	34,802	20,277	106,657	79,044	35,462	43,846	22,896	285,476
Honey and Wax									
19	Honey produced.....pounds.....	18,199	732	33,450	100	14,138	6,624	1,014	18,566
20	Wax produced.....pounds.....	35	15	284	.....	170	.....	.....	369
21	Value of honey and wax produced.....dollars.....	2,162	118	4,220	20	1,667	1,232	170	2,073
Wool, Mohair, and Goat Hair									
22	Wool, fleeces shorn.....number.....	33,882	30,397	1,553	264	242	8,725	130	1,029
23	Mohair and goat hair, fleeces shorn.....number.....	47	286	556	11	168	30	45	885
24	Value of wool and mohair produced.....dollars.....	60,050	52,558	3,021	350	470	14,788	189	2,162
DOMESTIC ANIMALS SOLD OR SLAUGHTERED									
25	Calves—Sold or slaughtered.....number.....	726	717	4,502	1,281	449	1,553	1,610	5,685
26	Other cattle—Sold or slaughtered.....number.....	4,512	3,129	4,626	4,761	477	11,508	1,823	2,834
27	Horses, mules, and asses and burros—Sold.....number.....	494	385	431	1,405	42	1,040	70	270
28	Swine—Sold or slaughtered.....number.....	2,999	9,071	11,126	8,448	432	4,795	1,039	5,135
29	Sheep and goats—Sold or slaughtered.....number.....	35,199	27,540	1,336	161	152	10,473	172	990
30	Receipts from sale of animals.....dollars.....	390,543	313,790	239,941	348,205	17,137	486,027	38,831	182,673
31	Value of animals slaughtered.....dollars.....	27,584	52,124	111,369	118,478	10,498	79,385	34,740	70,825

STATISTICS OF AGRICULTURE.

633

NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

	San Juan.	Skagit. ²	Skamania.	Snohomish. ²	Spokane.	Stevens. ¹	Thurston. ²	Wahkium.	Walla Walla.	Whatcom. ²	Whitman.	Yakima. ^{1,2}	Indian res.
1													
2	418	1,583	202	1,600	3,285	2,965	1,009	202	976	2,182	2,147	2,595	.....
3	<i>316</i>	<i>711</i>	<i>812</i>	<i>902</i>	<i>2,418</i>	<i>1,046</i>	<i>884</i>	<i>811</i>	<i>808</i>	<i>1,099</i>	<i>2,316</i>	<i>1,008</i>	<i>668</i>
4	86.5	83.4	87.1	88.3	83.2	82.8	86.0	88.2	70.6	90.4	69.3	77.7	.....
5	<i>88.5</i>	<i>80.0</i>	<i>88.7</i>	<i>88.1</i>	<i>82.9</i>	<i>82.4</i>	<i>84.8</i>	<i>85.4</i>	<i>78.0</i>	<i>87.1</i>	<i>76.1</i>	<i>77.8</i>	<i>89.3</i>
6	53,611	89,885	20,716	96,643	542,800	478,834	123,368	23,897	447,831	123,034	774,139	218,799	.....
7	<i>12,746</i>	<i>39,446</i>	<i>3,501</i>	<i>26,021</i>	<i>277,038</i>	<i>102,487</i>	<i>28,316</i>	<i>4,122</i>	<i>281,355</i>	<i>40,496</i>	<i>602,065</i>	<i>117,640</i>	.....
8	2,209,560	11,407,600	1,194,335	9,324,880	34,386,601	14,988,720	5,504,950	1,030,350	21,851,460	11,151,370	39,711,181	30,962,051	.....
9	400	1,499	198	1,562	2,912	2,850	938	198	770	2,099	1,540	2,292	.....
10	18	84	4	38	878	115	73	4	203	83	607	303	.....
11	245	883	144	698	2,219	2,091	675	68	792	1,107	1,666	1,985	.....
12	160	677	58	892	1,063	778	324	132	184	993	480	561	.....
13	13	23	.....	10	3	98	10	2	.....	82	1	49	.....
14	54	302	22	192	611	193	159	27	368	212	905	593	.....
15	<i>16</i>	<i>177</i>	<i>28</i>	<i>113</i>	<i>486</i>	<i>77</i>	<i>97</i>	<i>56</i>	<i>201</i>	<i>161</i>	<i>758</i>	<i>242</i>	<i>79</i>
16	11.2	15.9	9.5	10.6	15.5	6.0	13.6	11.8	26.6	8.8	29.2	17.7	.....
17	<i>4.7</i>	<i>19.9</i>	<i>9.0</i>	<i>11.0</i>	<i>16.0</i>	<i>6.8</i>	<i>14.6</i>	<i>14.6</i>	<i>19.5</i>	<i>12.8</i>	<i>24.4</i>	<i>18.7</i>	<i>10.6</i>
18	10,707	27,141	3,016	17,798	113,812	82,083	26,227	5,133	236,167	15,739	343,218	60,259	.....
19	<i>2,502</i>	<i>18,528</i>	<i>635</i>	<i>7,444</i>	<i>72,604</i>	<i>10,855</i>	<i>6,265</i>	<i>734</i>	<i>177,205</i>	<i>5,783</i>	<i>301,614</i>	<i>45,203</i>	.....
20	344,100	4,420,640	140,450	2,184,403	7,494,370	1,286,820	1,084,425	184,000	10,235,529	1,528,580	18,128,218	8,567,821	.....
21	8	73	4	30	353	73	34	1	209	41	742	202	.....
22	1	10	.....	2	19	8	4	.....	6	3	17	19	.....
23	37	203	16	139	175	78	112	.....	89	142	88	299	.....
24	8	16	2	21	64	34	9	.....	6	26	58	73	.....
25	42	202	17	104	513	152	134	.....	21	141	804	496	.....
26	11	93	5	84	89	38	19	.....	6	63	100	82	.....
27	1	7	.....	4	9	3	6	.....	19	8	1	15	.....
28	11	12	8	21	51	38	5	.....	39	19	44	153	.....
29	<i>6</i>	<i>1</i>	<i>4</i>	<i>9</i>	<i>68</i>	<i>9</i>	<i>4</i>	.....	<i>25</i>	<i>2</i>	<i>14</i>	<i>45</i>	<i>1</i>
30	2,294	1,092	1,899	3,887	26,213	10,842	1,648	.....	55,701	1,974	70,609	41,863	.....
31	299	301	341	661	12,316	3,730	531	.....	21,099	606	20,151	13,561	.....
32	190,300	111,500	115,000	298,400	1,844,670	498,700	180,000	.....	3,591,112	179,300	1,567,645	4,789,475	.....
33	295	1,060	138	1,089	1,914	2,222	759	.....	601	1,371	1,237	1,433	.....
34	118	515	64	501	1,353	730	246	.....	359	736	889	1,143	.....
35	5	8	.....	10	18	13	4	.....	16	75	21	19	.....
36	111	470	61	460	1,121	669	222	.....	251	695	565	943	.....
37	611,550	3,214,475	355,745	2,365,045	10,044,418	4,269,265	1,184,750	.....	5,503,420	3,305,580	8,794,042	10,212,810	.....
38	117,507	683,435	75,990	630,385	2,279,529	864,057	242,500	.....	1,005,405	88,760	2,142,713	2,462,627	.....
39	19.2	21.3	21.4	26.7	22.7	20.0	20.5	.....	18.8	24.7	24.4	24.0	.....

* No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

1													
2	1,491	9,938	680	11,032	8,124	5,437	4,948	2,805	2,775	10,156	8,486	7,045	.....
3	682	9,287	558	7,150	6,990	5,134	3,615	1,238	2,452	9,374	8,312	6,136	.....
4	471,866	5,621,972	209,470	3,872,701	3,274,097	1,941,401	1,841,779	634,427	1,274,879	4,872,649	3,361,297	8,074,763	.....
5	7,874	4,400,806	11,757	2,975,385	1,207,880	79,717	375,046	23,935	343,650	757,109	315,750	367,437	.....
6	89,341	41,360	15,053	221,013	22,548	13,911	83,649	73,822	8,218	158,320	20,095	93,823	.....
7	11,454	35,923	21,723	262,846	19,091	140,443	159,296	173,194	64,800	553,751	177,591	518,515	.....
8	21,784	199,698	24,200	183,851	627,131	378,578	223,764	25,884	184,318	536,910	593,773	300,442	.....
9	8,902	103,338	9,180	111,051	326,433	160,021	124,293	17,216	81,235	340,924	239,252	82,240	.....
10	.....	.....	.....	410	10,804	2,316	736	.....	1,486	60	1,592	1,240	.....
11	68,834	635,963	28,295	736,395	433,191	185,969	257,256	118,506	130,208	577,524	290,935	403,472	.....
12	65,662	606,374	23,702	713,319	346,387	121,016	227,427	115,661	102,213	518,442	197,278	339,522	.....
13	27,071	108,299	7,920	82,164	227,880	99,253	84,795	8,192	89,752	120,921	243,079	147,668	.....
14	17,160	46,862	2,524	39,234	79,961	32,623	46,654	3,579	27,075	60,613	80,464	54,782	.....
15	130,395	622,247	38,073	495,423	892,983	406,713	392,299	47,273	373,716	735,376	934,877	567,116	.....
16	87,925	417,790	16,654	336,224	485,266	182,034	291,800	33,502	152,420	540,625	417,879	278,334	.....
17	43,329	218,368	14,289	180,409	368,949	154,388	144,338	16,329	138,570	264,450	332,570	233,143	.....
18	26,920	130,361	5,785	116,290	186,640	65,866	101,667	10,441	52,429	178,124	140,254	113,625	.....
19	496	32,601	1,080	11,795	13,816	1,730	12,812	3,125	40,944	23,462	29,620	99,961	.....
20	.....	236	15	119	95	68	144	22	350	53	65	877	.....
21	65	4,242	285	1,635	2,577	382	2,065	383	5,046	3,420	4,361	10,394	.....
22	6,622	2,598	193	724	479	2,739	550	126	21,189	3,305	22,869	22,327	.....
23	92	21	165	299	212	340	229	33	14	55	52	8	.....
24	8,495	3,314	579	1,459	1,013	3,652	905	191	30,458	4,621	43,520	30,729	.....
25	601	3,904	364	4,203	3,097	1,901	2,518	1,259	860	4,042	3,486	3,564	.....
26	652	4,552	284	2,629	4,782	5,671	2,520	760	2,460	8,260	11,917	11,083	.....
27	26	497	33	179	1,194	689	103	32	920	429	2,505	1,485	.....
28	1,016	3,907	492	5,276	10,963	6,663	4,937	1,057	6,865	7,266	42,211	9,227	.....
29	2,414	2,477	93	654	952	2,612	757	59	9,801	2,364	8,807	19,588	.....
30	17,386	305,275	10,084	125,817	334,086	214,339	92,002	16,211	287,213	146,192	1,154,180	763,569	.....
31	26,569	33,640	9,923	32,198	184,755	122,147	74,730	30,392	61,549	118,932	235,337	67,684	.....

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		THE STATE.	Adams.	Asotin.	Benton.	Chehalis.	Chelan.	Clallam.	
VALUE OF ALL CROPS									
1	Total	dollars.	78,927,083	4,914,204	850,319	712,757	837,369	1,508,118	477,654
2	Cereals	dollars.	44,702,138	4,463,836	574,716	356,214	101,598	65,143	04,700
3	Other grains and seeds	dollars.	172,700	31	200	106	10,470	15	7,513
4	Hay and forage	dollars.	17,147,648	410,150	119,478	286,742	215,803	291,475	270,513
5	Vegetables	dollars.	5,982,665	35,937	45,222	53,471	122,577	106,354	61,691
6	Fruits and nuts	dollars.	5,270,473	4,110	55,744	88,770	35,550	933,249	24,464
7	All other crops	dollars.	5,591,429	140	84,959	27,454	151,371	108,880	48,723
SELECTED CROPS (acres and quantity)									
8	Cereals:								
9	Total	acres	2,591,582	343,512	29,416	78,341	3,619	4,345	1,850
10	Corn	bushels	60,610,807	5,236,098	750,868	393,482	187,864	82,457	93,868
11		acres	26,033	702	403	118	2	3,491	2
12	Oats	bushels	565,025	7,700	7,463	4,272	50	64,802	120
13		acres	269,742	7,856	320	1	2,953	32	1,135
14	Wheat	bushels	13,228,003	243,538	8,750	100	166,458	1,040	62,132
15		acres	2,118,015	332,605	22,945	77,508	549	820	591
16	Emmer and spelt	bushels	40,920,390	4,943,867	584,244	384,230	16,871	16,595	25,025
17		acres	302	15			100		
18	Barley	bushels	10,843	15			92		117
19		acres	171,888	1,483	5,086	702	3,988		6,430
20	Rye	bushels	5,834,015	33,737	149,249	4,810	12	2	5
21		acres	5,460	965			17		155
22	Other grains:								
23	Dry peas	acres	3,196	1			245	1	214
24		bushels	91,032	22			9,858	5	5,531
25	Dry edible beans	acres	353		10	2			
26		bushels	3,311		71	41		2	3
27	Hay and forage:								
28	Total	acres	742,137	26,359	8,518	8,829	7,030	8,549	6,866
29		tons	1,391,664	28,913	13,210	20,923	17,190	16,553	16,628
30	All tame or cultivated grasses	acres	344,013	1,510	1,205	4,278	5,869	3,772	4,597
31		tons	819,316	3,983	1,775	18,959	12,011	11,070	10,351
32	Timothy alone	acres	88,298	60	821	103	749	681	187
33		tons	143,461	240	844	303	1,563	1,229	381
34	Timothy and clover mixed	acres	120,890	180	30	412	4,498	299	3,859
35		tons	253,194	330	30	1,230	9,793	457	8,635
36	Clover alone	acres	10,897		2	124	159	56	412
37		tons	21,923		3	385	314	150	915
38	Alfalfa	acres	94,900	675	387	3,632		2,733	125
39		tons	367,595	2,208	873	16,976		9,231	407
40	Millet or Hungarian grass	acres	259				2		
41		tons	421				2		
42	Other tame or cultivated grasses	acres	28,769	595	25	7	461		14
43		tons	42,722	1,205	25	4	939		13
44	Wild, salt, or prairie grasses	acres	28,108	681		352	61	119	133
45		tons	30,563	942		337	91	167	203
46	Grains cut green	acres	358,543	24,033	7,129	4,179	983	3,989	1,993
47		tons	499,955	23,896	11,205	1,591	2,179	4,102	4,905
48	Coarse forage	acres	10,328	84	124	20		664	44
49		tons	26,005	88	140	36		1,182	152
50	Special crops:								
51	Potatoes	acres	57,897	840	139	505	912	936	503
52		bushels	7,667,171	45,299	17,494	49,311	162,220	93,178	87,200
53	All other vegetables	acres	24,415	138	387	281	330	598	196
54	Sugar beets	acres	1,820			13	39		3
55	Hops	acres	13,794			331	646		75
56		pounds	2,433			57	6		
57		pounds	3,432,504			95,370	6,000		
58	FRUITS AND NUTS								
59	Orchard fruits:								
60	Total	trees	4,944,889	45,640	106,087	54,722	32,709	600,114	25,175
61		bushels	4,244,670	2,527	47,188	4,388	29,004	602,765	22,694
62	Apples	trees	3,009,337	28,873	18,344	18,649	22,053	421,809	19,038
63		bushels	2,072,100	1,319	29,435	2,880	18,407	543,757	17,856
64	Peaches and nectarines	trees	536,875	1,483	53,457	22,331	631	118,294	294
65		bushels	84,494	10	7,458		65	6,866	55
66	Pears	trees	290,676	5,192	3,437	5,187	2,721	25,957	1,335
67		bushels	310,804	476	2,032	575	2,891	27,037	1,542
68	Plums and prunes	trees	823,032	5,128	5,552	2,050	5,719	9,029	3,180
69		bushels	1,032,077	525	3,444	888	7,029	17,820	2,389
70	Cherries	trees	241,038	3,597	23,170	3,918	1,517	16,447	1,242
71		bushels	131,302	179	4,369	40	592	5,807	803
72	Apricots	trees	36,088	1,285	1,786	1,709	11	14,207	26
73		bushels	10,789	17	305	2	3	2,433	10
74	Grapes	vines	322,007	727	25,058	60,193	2	16,872	6
75		pounds	1,704,005	165	53,425	103,910	100	49,540	205
76	Small fruits:								
77	Total	acres	5,508	7	31	229	53	93	24
78		quarts	13,490,930	6,862	59,336	235,036	93,657	140,086	26,716
79	Strawberries	acres	3,283	1	9	198	30	55	14
80		quarts	7,683,774	983	18,465	199,331	64,054	92,606	15,156
81	Raspberries and loganberries	acres	1,210		8	13		16	6
82		quarts	3,118,720	160	10,430	12,055	18,867	14,771	6,465
83	Blackberries and dewberries	acres	769	1	14	11		2	
84		quarts	2,340,779	2,012	29,610	19,311	9,019	10,120	3,042
85	Nuts:								
86	Total	trees	7,107	67	732	58	24	729	42
87		pounds	65,441		2,100	730		4,475	10
88	Walnuts (Persian or English)	trees	3,651	13	405	31	24	702	29
89		pounds	16,450		2,025	30		4,300	

TABLE 5.—SELECTED FARM EXPENSES

1	Labor	Farms reporting	29,965	920	332	584	353	832	309
2		Cash expended	12,602,293	545,426	111,406	291,086	86,574	340,985	71,802
3		Rent and board furnished	2,768,723	148,140	23,960	49,981	32,250	53,739	22,791
4	Fertilizer	Farms reporting	1,301	1	61	198	30	55	14
5		Amount expended	87,023	25	53	1,837	35	23	12
6	Feed	Farms reporting	29,375	501	227	657	744	1,021	365
7		Amount expended	5,045,297	109,384	25,601	110,973	47,903	146,469	54,180
8	Receipts from sale of feedable crops	dollars.	7,277,118	21,806	55,749	53,319	38,367	55,843	86,387

ACREAGE AND PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

	Clarke.	Columbia.	Cowlitz.	Douglas.	Ferry.	Franklin.	Garfield.	Grant.	Island.	Jefferson.	King.	Kitsap.
1	1,593,060	2,421,469	642,335	3,452,126	310,760	924,132	1,979,244	1,994,782	369,342	185,590	2,458,556	326,525
2	152,481	2,059,018	54,908	2,759,262	44,288	809,728	1,646,556	1,659,189	118,787	2,567	44,866	316
3	4,186		1,999	326	154				1,235	22	7,697	90
4	589,284	204,733	267,872	507,871	128,363	104,736	200,815	290,197	83,608	87,219	573,123	111,043
5	252,411	73,392	119,452	111,478	48,837	8,224	51,565	80,374	69,077	28,976	794,588	77,683
6	365,235	61,896	84,870	63,297	5,319	1,240	71,449	9,597	26,449	20,236	456,559	76,041
7	229,463	22,450	113,234	9,892	83,809	204	8,859	5,425	70,185	46,570	582,723	60,752
8	7,477	84,723	2,060	204,698	2,696	113,161	78,148	188,222	3,516	88	1,186	13
9	275,190	3,002,223	91,558	3,353,221	71,681	963,486	2,290,385	1,888,280	193,205	3,875	72,652	316
10	212	2,394	51	2,843	308	121	831	584			24	1
11	6,902	71,468	2,062	32,469	7,380	1,670	17,407	4,351		10	911	40
12	6,005	570	1,520	15,732	1,201	1,356	36	5,044		71	903	4
13	235,899	28,938	74,048	485,055	41,194	7,234	1,357	102,141	103,206	3,379	61,385	86
14	1,152	41,593	411	181,042	981	111,059	40,335	179,989	1,809	14	131	8
15	29,783	1,308,648	12,320	2,724,169	17,898	947,403	1,200,418	1,737,684	77,409	370	3,735	190
16	15		1		2			49	2		200	
17	152		20		146			360	45		4	
18	69	40,166	54	5,081	204	428	36,944	1,865	45	3	123	
19	1,988	1,593,169	1,966	111,528	5,063	5,384	1,071,208	39,304	2,545	110	6,405	
20	21		21		195			691			1	
21	408		482		1,775			4,440		6	16	
22	32		41		3				43	1	62	1
23	651		1,088	1	68				655	12	2,114	40
24	5		3	25								
25	52		55	88								
26	34,457	10,369	10,088	38,069	8,944	15,210	12,094	25,969	2,928	2,342	17,819	3,666
27	44,730	19,801	20,469	34,545	11,160	7,851	20,478	19,997	7,574	5,608	46,070	7,359
28	15,652	2,779	6,314	4,727	3,558	243	2,227	2,357	1,991	1,706	12,809	2,333
29	27,927	0,033	13,227	4,027	3,062	1,252	4,887	5,357	4,478	4,579	29,026	4,617
30	927	534	780		3,289		140	30	214	129	771	71
31	1,632	770	1,844		3,475		125	30	362	334	1,775	127
32	10,047	27	4,224		14		4	320	1,701	1,695	10,768	1,643
33	18,088	34	9,004		24		18	680	3,327	3,847	24,849	3,384
34	1,611	4	657		5		1	4	157	3,33	876	449
35	8,229	5	1,368		6		2	8	293	82	1,642	795
36	81	2,196	3	209	214	243	1,561	697	1		14	1
37	249	5,185	13	466	411	1,252	4,742	2,945	2		45	3
38	4	18	1		30				1		1	1
39	5	30	1		40				2		2	1
40	2,982		649	4,618	6			1,176	283	134	391	168
41	4,724		997	3,561	6			1,694	492	816	715	307
42	2,580	30	1,545	48	214			497	11	20	237	122
43	3,187	45	1,937	132	192			754	15	67	432	139
44	5,527	7,558	2,107	28,283	5,091	14,909	10,386	22,608	451	299	4,373	1,189
45	10,151	13,718	4,865	27,897	6,727	6,665	16,554	13,553	834	662	10,486	2,466
46	316	1	105	73	88			437	17	12	290	8
47	2,301	2	708	2,989	241	34		338	208	17	3,780	10
48	3,302	475	1,239	1,487	247	179	146	428	928	176	3,980	418
49	378,103	60,144	160,467	81,589	30,654	8,774	20,039	19,648	115,123	28,484	668,869	71,611
50	1,127	591	347	1,002	377	28	401	404	183	108	1,921	280
51			11		8	3			6	5	72	
52			168	2	53	30			111	36	1,336	
53	13		20								87	
54	13,000		32,000								38,000	
55	522,646	55,357	75,630	55,704	7,489	6,989	53,683	16,973	34,708	13,428	175,853	56,102
56	693,758	58,245	94,496	49,636	1,187	1,151	56,847	4,373	23,863	17,307	222,113	60,178
57	104,374	40,621	45,523	32,141	5,857	2,233	14,251	10,534	28,511	10,873	114,863	40,705
58	67,660	50,684	59,556	23,631	970	516	22,126	2,500	18,584	14,271	153,971	45,979
59	3,275	5,869	657	13,543	276	2,901	24,911	2,403	17	21	942	385
60	2,024	16	2,464	2	2	425	18,150	509	4		803	166
61	17,153	2,898	7,936	3,809	237	660	4,547	982	1,438	621	13,217	3,479
62	14,466	4,385	12,869	5,315	17	72	7,218	388	1,915	893	17,156	3,545
63	387,942	2,857	15,490	2,865	645	472	5,893	1,386	1,969	1,424	30,433	7,913
64	603,090	1,837	16,754	2,290	192	20	6,202	470	1,593	1,783	33,367	7,879
65	9,052	2,766	6,436	1,851	460	303	3,108	1,010	2,728	460	15,509	3,413
66	6,074	1,261	6,114	1,193	16	17	1,951	224	1,676	349	16,210	2,444
67	106	347	14	1,457	14	315	908	563	15	1	31	15
68	90	92	7	706		101	1,196	280			15	1
69	10,349	699	448	3,380	156	6,229	15,930	1,000	15	3	261	73
70	55,906	6,570	12,953	13,160	150	3,800	102,530	1,815	760	160	3,325	1,203
71	156	42	56	18	31	1	32	17	46	8	1,222	111
72	242,516	84,588	84,901	20,316	30,109	1,256	39,200	23,768	113,998	10,177	4,298,927	263,581
73	106	27	30	7	12	1	6	7	36	4	991	68
74	167,483	58,960	57,508	8,156	11,716	800	4,401	12,845	94,776	3,660	3,586,919	180,941
75	37	7	8	7	8		12	4	3	2	153	21
76	58,465	12,838	10,233	7,967	6,933		16,048	5,070	10,200	3,257	515,656	44,007
77	8	7	13	2	3		11	3	6	2	57	11
78	10,048	11,301	12,286	2,440	3,571	20	15,754	3,299	4,183	2,770	152,173	16,246
79	2,067	275	61	18			10	33	9	9	201	41
80	7,247	1,480	405	570				50	165	1	801	46
81	1,073	6	49	11				12	5	3	182	20
82	5,136		55	20					55		761	46

AND RECEIPTS, BY COUNTIES: 1909.

1	1,136	465	419	1,126	284	376	377	874	248	102	1,647	378
2	204,972	404,776	67,743	534,197	45,952	250,109	243,434	297,791	59,193	44,589	624,941	51,617
3	45,737	65,934	16,361	115,208	15,469	66,142	58,193	68,419	7,322	12,325	131,270	16,423
4	269	3	39	4	1	3		6	16	3	285	67
5	3,946	370	623	230	4	85		475	156	120	18,732	1,099
6	1,593	241	599	593	251	329	180	660	330	159	2,540	818
7	172,879	33,059	61,129	65,013	20,878	88,076	20,229	93,736	49,495	87,958	759,370	241,038
8	97,456	563,473	56,412	78,612	26,885	11,622	439,916	32,202	16,370	85	26,923	24

TABLE 4.—VALUE OF ALL CROPS AND PRINCIPAL CLASSES THEREOF, AND

		Kititas.	Klickitat.	Lewis.	Lincoln.	Mason.	Okanagan.	Pacific.	Pierce.
VALUE OF ALL CROPS									
1	Total.....	dollars... 1,606,164	1,278,530	1,418,626	8,272,870	273,612	1,209,937	275,126	1,873,293
2	Cereals.....	dollars... 234,106	759,140	311,679	7,343,083	9,735	401,233	6,151	38,281
3	Other grains and seeds.....	dollars... 80	80	34,946	1,011	1,245	2,700	36	1,400
4	Hay and forage.....	dollars... 1,188,114	329,998	526,698	780,741	91,364	542,752	116,485	304,598
5	Vegetables.....	dollars... 86,330	75,001	207,573	103,999	43,933	133,866	58,621	522,185
6	Fruits and nuts.....	dollars... 45,312	71,599	107,930	59,096	36,142	69,073	12,058	411,404
7	All other crops.....	dollars... 57,302	42,712	229,800	33,140	91,193	50,713	81,775	595,275
SELECTED CROPS (acres and quantity)									
Cereals:									
8	Total.....	acres... 10,348	65,363	14,206	420,607	450	24,707	232	1,943
9	Corn.....	bushels... 366,955	874,484	573,588	8,687,406	15,101	654,342	11,621	60,677
10	Oats.....	acres... 32	106	30	661	1	3,717	1	16
11	Wheat.....	bushels... 779	1,122	973	10,980	15	72,733	1	580
12	Emmer and spelt.....	acres... 5,437	2,848	11,927	11,020	303	10,882	263	1,561
13	Barley.....	bushels... 266,860	61,850	507,885	430,600	13,133	365,690	11,031	50,694
14	Rye.....	acres... 45,099	53,202	2,027	389,968	127	5,916	19	304
15	Other grains.....	bushels... 103,671	743,580	56,976	7,652,522	1,528	180,814	500	6,188
16	Other grains:	acres... 796	3,998	159	18,897	150	1,032	1	53
17	Dry peas.....	bushels... 25,365	67,529	6,388	591,785	245	32,140	30	2,444
18	Dry edible beans.....	acres... 108	108	44	57	1	156	1	67
19	Other grains:	bushels... 396	716	1,155	1,420	30	2,942	1	819
20	Dry peas.....	acres... 1	1	1	1	35	2	1	20
21	Dry edible beans.....	bushels... 29,161	29,161	5	744	5	31	30	387
22	Other grains:	acres... 107	107	1	107	1	77	1	67
23	Other grains:	bushels... 330	330	1	330	9	1,068	1	819
24	Hay and forage:	acres... 44,540	21,787	20,475	42,590	3,119	37,449	3,983	12,369
25	Total.....	tons... 76,081	23,919	41,156	68,906	5,670	54,025	9,295	23,685
26	All tame or cultivated grasses.....	acres... 40,898	3,725	11,275	4,460	2,218	13,124	2,745	6,808
27	Timothy alone.....	tons... 71,860	6,962	22,054	7,404	3,841	24,596	6,020	13,185
28	Timothy and clover mixed.....	acres... 1,206	1,202	2,048	2,622	125	5,110	88	797
29	Clover alone.....	tons... 22,349	1,407	4,195	3,937	213	6,316	317	1,714
30	Alfalfa.....	acres... 15,124	1,221	7,795	506	1,578	662	2,317	4,975
31	Millet or Hungarian grass.....	tons... 23,973	2,269	15,316	1,063	2,900	1,203	5,164	9,606
32	Other tame or cultivated grasses.....	acres... 468	316	1,118	240	76	280	498	1,210
33	Alfalfa.....	tons... 1,015	778	2,023	11	349	193	498	1,210
34	Millet or Hungarian grass.....	acres... 6,087	905	2	789	1	5,473	1	12
35	Other tame or cultivated grasses.....	tons... 11,326	1,411	3	1,483	1	14,673	1	44
36	Wild, salt, or prairie grasses.....	acres... 3	25	0	46	2	2	2	5
37	Grains cut green.....	tons... 7,180	56	306	491	275	1,771	130	353
38	Coarse forage.....	acres... 13,193	77	506	379	2,209	2,209	294	516
39	Wild, salt, or prairie grasses.....	acres... 390	2,472	251	1,531	257	3,333	2,600	777
40	Grains cut green.....	tons... 2,639	301	301	2,031	238	3,598	512	941
41	Coarse forage.....	acres... 3,271	15,421	8,835	36,145	611	19,016	908	4,685
42	Other tame or cultivated grasses.....	tons... 3,641	15,151	16,924	58,728	1,116	24,242	2,559	8,806
43	Coarse forage.....	acres... 1	109	39	453	14	1,374	3	64
44	Other tame or cultivated grasses.....	tons... 2	107	396	737	146	1,015	51	506
45	Special crops:	acres... 1,331	1,050	1,861	1,382	329	972	308	2,983
46	Potatoes.....	bushels... 135,644	55,523	264,987	96,168	44,020	115,870	40,289	465,162
47	All other vegetables.....	acres... 318	500	758	659	143	951	151	1,546
48	Sugar beets.....	acres... 11	35	3	11	25	2	2	20
49	Hops.....	tons... 328	312	328	258	192	40	40	636
50	Hops.....	pounds... 407,807	407,807	407,807	407,807	407,807	407,807	407,807	770,985
FRUITS AND NUTS									
Orchard fruits:									
51	Total.....	trees... 50,460	76,221	128,787	131,071	32,925	44,603	11,675	167,197
52	Apples.....	bushels... 32,134	27,673	123,559	41,874	31,276	50,205	8,526	155,542
53	Peaches and nectarines.....	trees... 38,244	50,543	76,129	34,402	23,505	33,243	8,258	115,937
54	Pears.....	bushels... 23,641	18,894	71,569	22,240	22,047	36,583	6,560	104,940
55	Plums and prunes.....	trees... 1,773	8,002	4,490	15,190	129	4,607	24	304
56	Cherries.....	bushels... 53	798	1,642	100	1,182	1,040	780	696
57	Apricots.....	trees... 3,167	4,773	11,751	12,293	2,853	3,170	337	11,567
58	Small fruits.....	bushels... 3,392	3,193	14,114	12,224	2,982	3,170	337	15,721
59	Plums and prunes.....	trees... 4,441	7,510	33,729	10,152	4,424	2,640	2,164	25,381
60	Cherries.....	bushels... 3,420	3,410	33,527	4,631	4,640	3,174	1,566	23,081
61	Apricots.....	trees... 2,411	4,645	6,424	7,278	1,785	1,594	420	12,343
62	Small fruits.....	bushels... 1,610	584	3,931	1,578	1,421	1,467	50	10,516
63	Apricots.....	trees... 360	479	7	1,583	3	550	6	44
64	Small fruits.....	bushels... 14	68	1	222	646	646	8	8
65	Grapes.....	vines... 546	17,994	515	5,246	6,462	2,062	2	2,138
66	Small fruits:	pounds... 2,000	90,314	3,105	46,750	158,375	3,475	14,245	14,245
67	Total.....	acres... 28	160	93	69	23	62	20	1,174
68	Strawberries.....	quarts... 33,766	252,373	130,315	104,867	37,260	65,852	38,080	3,938,832
69	Raspberries and loganberries.....	acres... 11	139	54	23	15	39	14	300
70	Blackberries and dewberries.....	quarts... 17,455	223,879	66,674	38,238	28,438	42,404	18,598	654,442
71	Blackberries and dewberries.....	acres... 5	6	28	28	5	12	3	432
72	Nuts:	quarts... 4,777	12,540	50,859	28,995	5,618	11,880	10,047	1,606,031
73	Total.....	acres... 4	6	5	17	2	2	1	401
74	Walnuts (Persian or English).....	quarts... 4,291	7,270	7,726	34,998	2,261	2,285	1,457	1,620,091
75	Walnuts (Persian or English).....	trees... 9	146	111	20	90	58	12	52
76	Walnuts (Persian or English).....	pounds... 2,040	2,552	1,001	105	278	250	20	265
77	Walnuts (Persian or English).....	trees... 2	61	70	10	63	28	10	38
78	Walnuts (Persian or English).....	pounds... 40	138	475	100	255	50	20	185

TABLE 5.—SELECTED FARM EXPENSES

1	Labor.....	Farms reporting.....	572	910	1,021	1,506	133	1,132	187	1,310
2	Cash expended.....	dollars... 300,202	269,184	167,132	875,098	24,975	221,539	47,447	483,565	
3	Rent and board furnished.....	dollars... 92,456	48,946	36,552	211,128	7,262	40,869	16,428	63,727	
4	Fertilizer.....	Farms reporting.....	21	51	30	9	5	26	327	
5	Amount expended.....	dollars... 1,465	1,250	1,989	1,919	358	57	590	23,956	
6	Feed.....	Farms reporting.....	421	714	1,239	846	253	651	2,225	
7	Amount expended.....	dollars... 83,668	96,386	133,331	122,339	43,095	83,832	48,309	532,000	
8	Receipts from sale of feedable crops.....	dollars... 685,638	37,794	108,826	108,941	3,407	178,719	5,316	11,780	

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

	THE STATE.	Adams.	Asofin.	Benton.	Chehalis.	Chelan.	Clallam.	Clarke.	Columbia.	
1	Inclusures reporting domestic animals	20,509	136	230	110	666	268	274	475	240
2	Value of all domestic animals . . . dollars	7,558,077	84,730	57,674	58,417	217,113	77,937	48,091	212,955	66,007
3	Cattle:									
4	Total number	21,730	76	163	49	1,143	126	434	593	259
5	Value . . . dollars	820,526	3,752	7,588	2,350	37,933	5,698	13,355	22,896	10,159
6	Number of dairy cows	15,266	61	117	45	658	104	238	352	192
7	Horses:									
8	Total number	44,617	527	424	475	1,182	583	334	1,121	415
9	Value . . . dollars	6,350,366	72,905	48,470	52,117	173,844	71,170	34,181	145,592	55,695
10	Number of mature horses	43,933	517	417	468	1,160	579	321	1,110	397
11	Mules and asses and burros:									
12	Total number	1,918	41	6	17	14	6	1	402	.....
13	Value . . . dollars	321,297	8,000	1,100	3,950	1,350	800	25	42,910	.....
14	Number of mature mules	1,760	40	6	16	8	6	1	401	.....
15	Swine:									
16	Total number	4,274	13	35	.....	328	12	54	53	21
17	Value . . . dollars	44,763	73	345	.....	3,696	180	530	405	142
18	Sheep and goats:									
19	Total number	3,746	.....	43	.....	51	14	.....	255	3
20	Value . . . dollars	21,125	.....	171	.....	290	89	.....	1,152	11

	Cowlitz.	Douglas.	Ferry.	Franklin.	Garfield.	Grant.	Island.	Jefferson.	King.	Kitsap.	
1	Inclusures reporting domestic animals	264	64	100	73	139	112	137	179	2,951	544
2	Value of all domestic animals . . . dollars	72,213	38,595	28,158	26,569	38,073	44,825	25,593	52,833	1,814,074	93,101
3	Cattle:										
4	Total number	357	64	214	69	136	117	239	303	2,875	368
5	Value . . . dollars	12,940	2,369	5,883	2,311	4,905	4,304	7,953	8,859	117,496	25,901
6	Number of dairy cows	269	52	97	37	96	80	123	194	2,191	659
7	Horses:										
8	Total number	440	339	223	214	219	331	141	283	9,952	511
9	Value . . . dollars	56,556	32,798	21,945	23,207	32,460	35,075	16,330	34,430	1,568,322	64,130
10	Number of mature horses	427	268	212	211	216	320	133	280	9,903	503
11	Mules and asses and burros:										
12	Total number	11	16	1	1	3	25	2	68	583	10
13	Value . . . dollars	2,140	3,200	50	1,000	700	4,850	500	8,885	110,431	1,353
14	Number of mature mules	11	16	.....	.....	3	25	2	46	568	9
15	Swine:										
16	Total number	54	26	30	9	2	71	21	61	609	120
17	Value . . . dollars	568	228	280	51	8	596	136	468	5,198	1,351
18	Sheep and goats:										
19	Total number	3	.....	.....	.....	.....	104	61	1,801	79	
20	Value . . . dollars	11	.....	.....	.....	.....	624	191	12,627	316	

	Kittitas.	Klickitat.	Lewis.	Lincoln.	Mason.	Okanogan.	Pacific.	Pierce.	San Juan.	Skagit.	
1	Inclusures reporting domestic animals	482	166	678	292	141	153	176	2,083	18	298
2	Value of all domestic animals . . . dollars	134,133	70,903	148,304	158,960	43,645	108,286	36,452	648,878	8,980	105,454
3	Cattle:										
4	Total number	337	166	775	277	207	492	231	1,827	31	563
5	Value . . . dollars	15,721	6,079	27,577	9,879	6,634	13,953	11,488	71,229	1,275	19,616
6	Number of dairy cows	288	124	546	193	133	141	210	1,419	29	362
7	Horses:										
8	Total number	889	513	873	806	220	712	143	3,770	42	557
9	Value . . . dollars	105,700	63,990	115,692	139,753	38,453	80,330	24,460	506,829	7,145	82,160
10	Number of mature horses	871	504	850	772	216	694	138	3,741	41	550
11	Mules and asses and burros:										
12	Total number	104	4	24	13	.....	55	2	48	.....	8
13	Value . . . dollars	12,140	480	3,825	8,900	.....	13,725	140	7,060	.....	2,250
14	Number of mature mules	82	2	24	5	.....	49	2	47	.....	8
15	Swine:										
16	Total number	70	28	128	34	.....	35	29	413	2	71
17	Value . . . dollars	567	331	864	410	.....	558	278	3,567	20	1,388
18	Sheep and goats:										
19	Total number	1	10	56	3	.....	.....	37	121	.....	9
20	Value . . . dollars	5	23	346	18	.....	.....	193	540	.....	40

	Skamania.	Snohomish.	Spokane.	Stevens.	Thurston.	Wahkium.	Walla Walla.	Whatcom.	Whitman.	Yakima.	
1	Inclusures reporting domestic animals	85	1,258	2,576	422	449	71	811	1,431	753	1,204
2	Value of all domestic animals . . . dollars	18,276	467,960	921,263	172,696	112,850	7,061	225,555	379,432	294,468	437,563
3	Cattle:										
4	Total number	156	1,420	1,384	455	530	158	674	2,304	816	792
5	Value . . . dollars	4,503	57,176	60,411	16,171	17,617	4,611	28,020	83,548	32,362	35,398
6	Number of dairy cows	81	1,019	1,087	275	377	99	526	1,549	606	647
7	Horses:										
8	Total number	134	2,128	6,307	1,108	709	23	1,508	1,906	1,642	2,823
9	Value . . . dollars	13,520	397,711	825,613	149,705	91,670	2,085	184,497	286,940	262,654	384,132
10	Number of mature horses	131	2,115	6,264	1,088	688	22	1,466	1,956	1,594	2,760
11	Mules and asses and burros:										
12	Total number	.....	32	192	31	8	.....	44	32	30	84
13	Value . . . dollars	.....	5,642	26,391	6,150	1,050	.....	12,025	5,200	7,575	17,500
14	Number of mature mules	.....	32	144	31	6	.....	39	31	27	73
15	Swine:										
16	Total number	27	613	388	53	87	40	42	426	133	57
17	Value . . . dollars	250	7,143	6,515	640	1,299	865	346	3,209	1,877	619
18	Sheep and goats:										
19	Total number	1	85	459	5	387	.....	8	147	.....	3
20	Value . . . dollars	3	288	2,393	30	1,214	.....	61	535	.....	14

CHAPTER 4.

STATISTICS OF IRRIGATION FOR THE STATE AND ITS COUNTIES.

Introduction.—This chapter presents the larger part of the statistics of irrigation for Washington obtained in connection with the Thirteenth Census. The statistics of the number of farms and acreage irrigated, cost of operation and maintenance, and irrigated crops are for the calendar year 1909; those of irrigation works, cost-of enterprises, acreage enterprises were capable of irrigating in 1910, and acreage included in projects are of the date July 1, 1910.

These statistics have been collected under the law of February 25, 1910, which contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by special agents. The data relating to number of farms irrigated and irrigated crops are taken from the supplemental schedules, while all data relating to acreage irrigated and to irrigation works and their construction and operation are taken from the special schedules.

In accordance with the law, the data collected have been classified primarily by the state and Federal laws by virtue of which the land was brought under irrigation. The results are presented in detail at the end of this chapter and summarized in text tables.

Such of the terms used as are not self-explanatory are defined below.

Farms irrigated.—The number of "farms irrigated" is the number of farms on which irrigation is practiced and is equivalent to the term "number of irrigators" used in previous census reports.

Types of enterprise.—The types of enterprise under which the lands irrigated in 1909 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,

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 own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water, and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises, but as the difference is slight this is unimportant.

Source of water supply.—Of the terms used in the classification according to source of water supply, none requires explanation except "reservoirs." The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses that are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

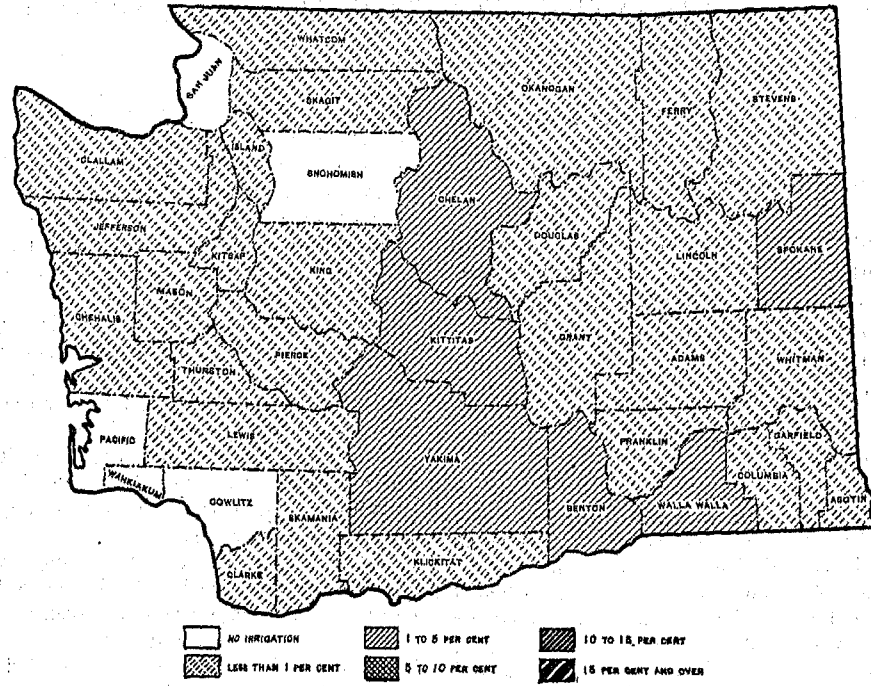
Acre-foot.—The "acre-foot," used to express the capacity of reservoirs, is the volume of water required to cover 1 acre to a depth of 1 foot, or 43,560 cubic feet.

Cost.—The cost of irrigation enterprises is that given by the owners. For the larger works the cost given is taken, in most cases, from the books of account and represents the actual cost. 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 cost given represents the owners' estimates. The cost reported for 1910 includes the cost of construction and of acquiring rights. The latter usually consists of filing fees only. In some instances it includes the purchase price of rights, but these cases are so rare that they are unimportant. The cost reported for 1899 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. The average cost per acre is based on the acreage enterprises were capable of irrigating in 1910 and the cost to July 1, 1910.

PER CENT TOTAL LAND AREA IRRIGATED, AND PER CENT OF NUMBER OF FARMS IRRIGATED,
IN WASHINGTON, BY COUNTIES: 1909.

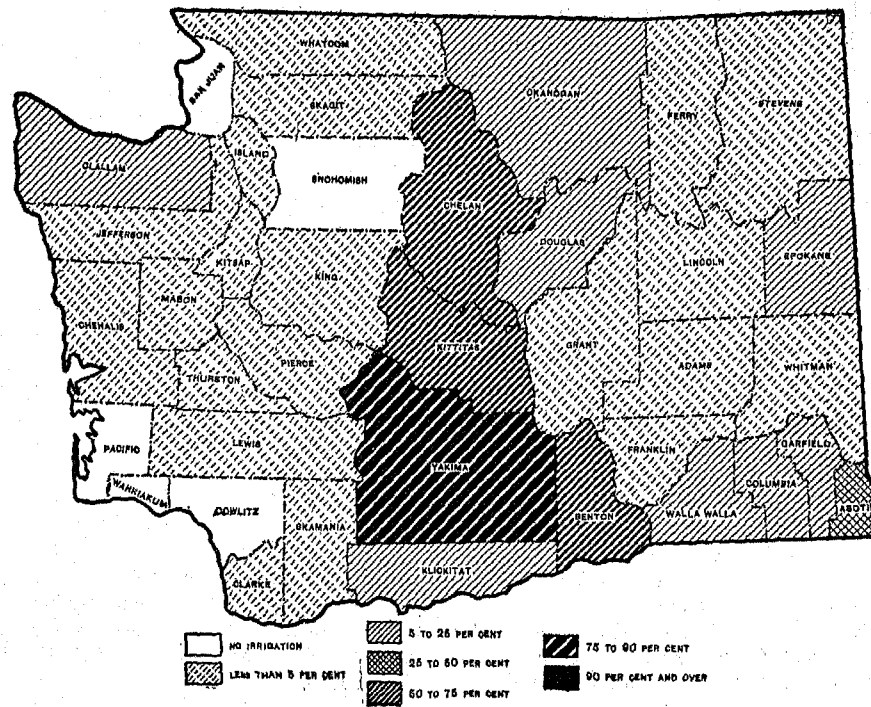
PER CENT OF TOTAL LAND AREA IRRIGATED.

[Per cent for the state, 0.8.]



PER CENT OF NUMBER OF FARMS IRRIGATED.

[Per cent for the state, 13.6.]



FARMS AND ACREAGE IRRIGATED.

Topographically, Washington is divided by the Cascade Mountains, which extend north and south across the state, into two parts which differ widely in climatic characteristics. West of the Cascades, the normal annual precipitation is heavy, and is ample in most sections for the maturing of crops without irrigation. East of the mountains, however, the climate is arid or semiarid, and it is in this portion of the state that irrigation is most widely practiced. Irrigation was reported in 1909 from all counties except 5, but 98.6 per cent of the total acreage irrigated in that year lies east of the Cascades. The location of the irrigated lands of the state is indicated in a general way by the

accompanying maps, which show the class in which each county falls with reference to the percentage which irrigated land forms of the total land area and the percentage which irrigated farms represent of all farms.

The following table shows for the state as a whole the number of farms and the acreage irrigated in 1909, in comparison with the total number of farms, the total land area, the total land in farms, and the total acreage of improved land in farms in 1910, together with the areas not yet irrigated for which water has been or is being made available. Similar statistics for the census of 1900 are included as far as possible.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Number of all farms.....	¹ 56,192	² 33,202	22,990	69.2
Approximate land area of the state..... acres..	42,775,040	42,775,040		
Land in farms.....	¹ 11,712,235	² 8,499,297	3,212,938	37.8
Improved land in farms..... acres..	¹ 6,373,311	² 3,465,960	2,907,351	83.9
Number of farms irrigated.....	³ 7,664	⁴ 3,513	4,151	118.2
Acreage irrigated.....	³ 334,378	⁴ 135,470	198,908	146.8
Acreage enterprises were capable of irrigating.....	⁵ 470,514	(⁶)		
Acreage included in projects.....	⁵ 817,032	(⁶)		
Percentage irrigated of—				
Number of all farms.....	13.6	10.6	3.0	
Approximate land area of the state.....	0.8	0.3	0.5	
Land in farms.....	2.9	1.6	1.3	
Improved land in farms.....	5.2	3.9	1.3	
Excess of acreage enterprises were capable of irrigating in 1910 over acreage irrigated in 1909.....	136,136			
Excess of acreage included in projects over acreage irrigated in 1909.....	482,654			

¹ April 15.

² June 1.

³ In 1909.

⁴ In 1899.

⁵ July 1.

⁶ Not reported.

Number of farms irrigated.—The number of farms irrigated is made up of the number reported on the supplemental schedules by the regular enumerators, together with an estimate of the number of farms covered by enterprises which were reported by special agents but not by the regular enumerators. This estimate was based upon the average acreage irrigated per farm shown by the supplemental schedules. According to the figures presented in the table, irrigation was practiced on slightly more than one-eighth (13.6 per cent) of the farms of the state in 1909. In 1899 the proportion of irrigated farms was 10.6 per cent, while in 1889 the proportion was 5.8 per cent. It is evident that between 1889 and 1899 the number of irrigated farms in the state increased much more rapidly than the number of unirrigated farms. During that period the rate of increase in the number of irrigated farms was more than three times as great as that in the number of unirrigated farms, while during the last decade irrigated farms increased almost twice as rapidly as unirrigated farms.

Of the 38 counties in the state, only 4 report as many as half their farms irrigated, 1 other county reports as many as 40 per cent, and 5 additional counties report more than 10 per cent of their farms irrigated. There

are, however, 23 counties in which less than 10 per cent of the farms are reported as irrigated and 5 counties from which irrigation is not reported. The last-mentioned counties are all in the western part of the state, whereas the counties in which the proportion of irrigated farms exceeds 50 per cent are in the central part. In 1 county the irrigated farms form more than 85 per cent of the whole number of farms, and in 2 others more than 70 per cent, the maximum proportion of irrigated farms being 88.3 per cent in Yakima County.

From 1899 to 1909 the increase in the number of farms irrigated was 118.2 per cent for the entire state. Four counties, the boundaries of which have not been changed since the Twelfth Census, show higher rates of gain. In addition the territory comprising Douglas County in 1900 and Douglas and Grant Counties in 1910 shows an increase of 254.5 per cent, while the territory comprising Klickitat and Yakima Counties in 1900 and Benton, Klickitat, and Yakima Counties in 1910 shows an increase of 166.7 per cent. The highest percentage of increase for any county in the state is 381.3 in Clallam County, which is the only western county reporting any considerable number of irrigated farms. In no county has the number of irrigated farms decreased.

Acreage irrigated.—The acreage irrigated is taken from the special schedules filled out by agents from information secured from owners or officials of irrigation enterprises and, in some instances, from public records. The acreage thus obtained is considerably larger than the irrigated acreage reported on the supplemental schedules filled out by the farm enumerators. This difference is due in a measure to the fact that the special agents found enterprises which were not reported on any schedules returned by the enumerators, indicating that the acreage reported on the supplemental schedules is short to some extent. There is, however, a natural tendency for the officials of irrigation enterprises to report as irrigated the entire area of farms of which only a part was irrigated. Furthermore, some farms are so situated as to receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. Owing to the two causes last enumerated, it is probable that the acreage irrigated, as shown in this chapter, is somewhat excessive; but the extent of this excess can not be determined. It is believed, however, to be less than 10 per cent for the state of Washington.

The total acreage reported as irrigated in 1909 was 334,378, against 135,470 in 1899 and 48,799 in 1889. The percentage of increase from 1889 to 1899 was 177.6, while from 1899 to 1909 it was 146.8. The absolute increase during the latter decade was the larger, however, amounting to 198,908 acres, compared with 86,671 acres during the earlier decade.

The percentage of increase between 1899 and 1909 in the acreage irrigated was considerably higher than the percentage of increase in the number of farms irrigated, the average acreage irrigated per farm increasing from 39 in 1899 to 44 in 1909. During the same period the average size of farms in the state decreased from 256 acres to 208 acres, which change, considered in connection with the increase in the acreage irrigated per farm, indicates that farmers are irrigating larger parts of their holdings than formerly. The same tendency is shown by the increase in the percentage irrigated of the total improved farm acreage. In 1899 this proportion was 3.9 per cent and in 1909 it was 5.2 per cent.

The percentage of the total land area of the state irrigated in 1909 was 0.8, as compared with 0.3 per cent in 1899 and 0.1 per cent in 1889.

In both 1899 and 1909 the greater part of the irrigated acreage reported for the state was situated in the valley of the Yakima River. The territory comprising Klickitat and Yakima Counties in 1900, and Benton, Klickitat, and Yakima Counties in 1910, together with Kittitas County, included in the former year 77.7 per cent and in the latter year 73.5 per cent of the total land irrigated in Washington, the acreages

reported being, respectively, 105,219 and 245,640. In 1909 the irrigated area in Yakima County comprised 148,630 acres, or 44.4 per cent of the total for the state; that in Kittitas County 68,892, or 20.6 per cent; and that in Benton County 23,437, or 7 per cent. One other county, Chelan, reported an irrigated area in 1909 exceeding 20,000 acres, while three counties each had an irrigated area of between 10,000 and 20,000 acres.

In Kittitas and Yakima Counties the percentage which irrigated land formed of the total land area was the same, 4.6. In only one other county, Benton, was the proportion higher than 2 per cent, and in only three additional counties was it as high as 1 per cent.

Acreage included in projects.—The table shows that in 1910 existing enterprises were ready to supply water to 136,136 acres not irrigated in 1909. The acreage included in projects exceeds the acreage irrigated in 1909 by 482,654 acres, which is more than two and one-third times the acreage brought under irrigation in the last decade and nearly one and one-half times the total area irrigated in 1909. This acreage represents the area which will be available for the extension of irrigation in the next few years upon the completion of the projects now under construction. It indicates in a general way the area available for settlement, although much of this un-irrigated land is in farms already settled.

Acreage irrigated, classified by character of enterprise.—The following table gives the distribution of the acreage irrigated in 1909 according to the character of the enterprise controlling the irrigation works. The state of Washington has never accepted the provisions of the Carey Act, and does not contain any irrigation districts.

CHARACTER OF ENTERPRISE.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All classes.....	334,378	100.0
U. S. Reclamation Service.....	55,690	16.7
U. S. Indian Service.....	35,000	10.5
Cooperative enterprises.....	81,122	24.3
Commercial enterprises.....	66,911	20.0
Individual and partnership enterprises.....	95,655	28.0

Cooperative enterprises, as well as individual and partnership enterprises, are controlled by the water users. These two classes supplied about 53 per cent of the acreage irrigated in 1909, while United States Reclamation Service enterprises, which are to be turned over to the water users, supplied 16.7 per cent. Thus less than one-third of the irrigated land is supplied by enterprises which are not either controlled by the water users or to be turned over to them ultimately. The cooperative enterprises, which supplied water for

24.3 per cent of the land irrigated, are principally stock companies, of which the stock is owned by the water users.

Acreage irrigated, classified by source of water supply.—The following table shows the distribution of the acreage irrigated in 1909 according to the source of water supply, with corresponding percentages. From this table it is apparent that up to the present time there has been little development of any source other than streams.

SOURCE OF WATER SUPPLY.	ACREAGE IRRIGATED IN 1909.	
	Amount.	Per cent distribution.
All sources.....	334,378	100.0
Streams.....	310,426	92.8
Lakes.....	10,782	3.2
Wells.....	8,664	2.6
Springs.....	4,207	1.3
Reservoirs.....	299	0.1

IRRIGATION WORKS.

The following statement summarizes the data collected relating to works for supplying water for irrigation in 1910:

	Amount.
Independent enterprises.....	number.. 1,934
Ditches, total length.....	miles.. 3,892
Main ditches.....	number.. 1,600
Length.....	miles.. 2,594
Capacity.....	cu. ft. per second.. 13,178
Lateral ditches.....	number.. 1,180
Length.....	miles.. 1,298
Reservoirs.....	number.. 156
Capacity.....	acre-feet.. 121,543
Flowing wells.....	number.. 55
Capacity.....	gals. per minute.. 18,926
Pumped wells.....	number.. 128
Capacity.....	gals. per minute.. 60,220
Pumping plants.....	number.. 391
Engine capacity.....	horsepower.. 13,847
Pump capacity.....	gals. per minute.. 365,411

The only item for which a figure from the earlier census is available for comparison is the length of main ditches, which for systems receiving water from streams in 1899 was 806 miles. As compared with this figure, the length of main ditches reported in 1910 represents an increase of 1,788 miles, or 221.8 per cent, which, however, is somewhat higher than the actual

increase owing to the fact that the figures for 1910 cover enterprises receiving water from sources other than streams. Assuming that the enterprises in operation in 1909 were identical with those reported in 1910, the average number of acres irrigated per enterprise in 1909 was 172.9, and the acreage irrigated per mile of main ditch was 128.9. The acreage irrigated per mile of main ditch in 1899, exclusive of well systems, was 165.9.

There has been little utilization of underground water for irrigation up to this time. The table shows 55 flowing wells, which irrigated 3,227 acres in 1909; and 128 pumped wells, which irrigated 5,437 acres. Of the flowing wells, 40 are in Walla Walla and Yakima Counties, while more than half of the pumped wells are in Benton, Grant, and Spokane Counties.

Pumping for irrigation from either wells or streams has been but little practiced as yet, the total acreage supplied with pumped water in 1909 being only 20,606. Of this, 16,103 acres were reported from Benton, Grant, and Spokane Counties. The total engine capacity of the 391 pumping plants was 13,847 horsepower.

COST OF CONSTRUCTION, OPERATION, AND MAINTENANCE.

The table following shows the total cost of irrigation enterprises up to July 1, 1910, including construction of works and acquisition of rights but not operation and maintenance, with the average cost per acre, based on the acreage the enterprises were capable of irrigating in 1910; the estimated final cost of completed enterprises and those now under construction, with the average cost per acre, based on the acreage included in projects; and the total cost and average cost per acre of operation and maintenance in 1909. Data relating to the cost of the systems operated in 1899 are included for comparison.

The cost of operation and maintenance is not reported for individual and partnership enterprises, for the reason that farmers whose land is irrigated by such systems generally clean their own ditches at odd times without keeping any record of the time spent. In the case of the larger enterprises this cost represents a cash outlay by the farmers, while in the case of many of the smaller cooperative enterprises the cost is worked out by the farmers.

	CENSUS OF—		INCREASE.	
	1910	1900	Amount.	Per cent.
Cost of irrigation enterprises.....	\$16,219,149	\$1,722,309	\$14,496,780	841.7
Average per acre.....	\$34.47	\$12.71	(⁶)	.....
Estimated final cost of existing enterprises.....	\$22,322,856	(⁶)	.....	.....
Average per acre included in projects.....	\$27.32	.....	.....	.....
Operation and maintenance:				
Acreage for which cost is reported.....	176,197	(⁶)	.....	.....
Total cost reported.....	\$543,312	(⁶)	.....	.....
Average cost per acre.....	\$3.08	(⁶)	.....	.....

¹ Reported July 1, 1910. ⁶ Figures not comparable. (See explanation in text.)
² Cost of systems operated in 1899. ⁷ For 1909.
³ Based on acreage enterprises were capable of irrigating in 1910. ⁸ Not reported.
⁴ Based on acreage irrigated in 1899.

The cost of irrigation systems shows the largest increase of any item included in the census of irrigation, 841.7 per cent. The average cost per acre can not be compared for the two censuses, because the average cost per acre shown for the census of 1900 is based on the acreage irrigated in 1899 instead of the acreage

under ditch, as in 1910, the latter acreage not being reported in 1900. If computed on the basis of the acreage irrigated in 1909, the average cost in 1910 would be \$48.51, representing an increase of 281.7 per cent over the figure for the average cost at the census of 1900. The year 1899 was near the close of the period of private and cooperative construction, when most of the works were built by the water users themselves, with little or no expenditure of money, and near the beginning of the present period of large-scale construction by corporations and the Federal Government. This later construction is not only on a larger scale, but also more difficult and of a better type. Largely as a result of these influences the average cost per acre of irrigation has greatly increased. A number of large enterprises are under construction, and on these considerable expenditures have been made, while but little land is irrigated as yet. This condition tends to make the average cost shown higher than the true average. The average based on the estimated final cost and the acreage included in proj-

ects, \$27.32 per acre, probably more truly represents the average cost per acre of irrigation in Washington.

The county showing the lowest average cost per acre—\$4.29—is Clallam, which lies in the extreme western portion of the state, where the development of irrigation has been on a small scale. Of the counties east of the Cascade Mountains that are shown separately in the general table, Columbia, Ferry, Kittitas, and Klickitat show the lowest figures for cost per acre—\$5.73, \$8.78, \$9.42, and \$9.84, respectively. The highest average cost per acre—\$309.50—is reported from Asotin County, where expensive development of orchard lands has recently been undertaken.

The acreage for which cost of operation and maintenance in 1909 was reported constitutes 52.7 per cent of the total acreage reported as irrigated in 1909, and 73.8 per cent of the acreage reported as irrigated by other than individual and partnership enterprises. The cost reported can be said, therefore, to represent fairly the average annual expense for all but individual and partnership enterprises.

CROPS.

As previously stated, the data relating to irrigated crops are taken from supplemental schedules filled out by the regular census enumerators. Since the special agents found enterprises which the enumerators had not reported, it is evident that the information relating to irrigated crops is incomplete to some extent. It shows, however, the relative importance of the different irrigated crops and is sufficiently complete to give reliable averages of yields.

The table following shows the acreage, yield, and value of the principal crops reported on the supplemental irrigation schedules as grown under irrigation in 1909, in comparison with totals for the same crops reported for the entire state. While small quantities of other crops are grown, both on irrigated and unirrigated land, the leading crops of the state, as well as the leading crops grown under irrigation, are represented in the table.

CROP.	ACREAGE.			YIELD.			VALUE.	
	Total for state.	Irrigated.		Unit.	Total for state.	On irrigated land.	Total for state.	For irrigated land.
		Amount.	Per cent of total.					
Cereals:								
Corn.....	20,033	2,404	9.5	Bushels.....	563,025	87,357	\$404,307	\$65,905
Oats.....	269,742	6,690	2.5	Bushels.....	13,228,003	330,587	5,870,857	163,948
Wheat.....	2,118,015	6,720	0.3	Bushels.....	40,920,300	188,865	35,102,370	173,221
Barley.....	171,888	1,738	1.0	Bushels.....	5,834,615	49,143	3,331,930	30,474
Hay and forage:								
Timothy alone.....	88,298	17,326	19.6	Tons.....	143,461	33,642	2,168,916	536,944
Timothy and clover mixed.....	120,890	7,704	6.4	Tons.....	253,194	20,991	3,635,026	325,758
Clover alone.....	10,897	794	7.3	Tons.....	21,928	2,136	263,943	26,684
Alfalfa.....	94,930	74,496	78.5	Tons.....	367,595	296,614	3,667,991	3,156,699
Other tame or cultivated grasses ¹	29,028	1,054	3.6	Tons.....	43,143	1,675	599,016	22,325
Wild, salt, or prairie grasses.....	28,168	2,800	9.9	Tons.....	30,593	4,891	208,016	66,124
Grains cut green.....	858,543	5,340	1.5	Tons.....	499,955	9,417	6,225,515	123,354
Coarse forage.....	10,328	537	5.2	Tons.....	26,005	1,188	163,814	10,355
Sundry crops:								
Potatoes.....	57,897	9,178	15.9	Bushels.....	7,667,171	1,532,915	2,993,737	505,887
Sugar beets.....	1,820	240	13.5	Tons.....	13,794	244	85,954	1,755
Orchard fruits and grapes.....	(²)	17,378					4,325,536	1,767,180
Small fruits.....	5,508	1,232	22.4				941,415	171,867

¹ Includes millet or Hungarian grass.

² Agricultural returns show number of trees, not acreage.

Acreage.—Of the entire acreage of the crops for which totals are presented in the table, slightly less than 5 per cent is irrigated. This is due to the fact that in a large part of the state the climate is humid and irrigation is unnecessary. The proportion irrigated, however, varies widely for the different crops.

Less than 1 per cent of the acreage in cereals in the state is irrigated. The highest percentage of acreage irrigated shown for any cereal, 9.5 per cent, is for corn, but its total acreage is small. Oats rank next, with 2.5 per cent, and barley follows with 1 per cent. Of the acreage in wheat, which covers more than 80

per cent of the total acreage in cereals, only 0.3 per cent is irrigated.

The hay and forage crops are more generally irrigated, but the percentage irrigated of the total acreage in these crops is only 14.9. Alfalfa is grown principally on irrigated land, irrigated acreage forming 78.5 per cent of the total for this crop. The only other hay and forage crop with more than 10 per cent of its acreage irrigated is timothy, for which the proportion is 19.6 per cent.

Of the acreage in potatoes, 15.9 per cent is irrigated, and of those in small fruits and sugar beets 22.4 per cent and 13.5 per cent, respectively. The relative importance of the irrigated orchard acreage can not be determined, because the total acreage of orchards in the state is not reported, but it will be observed that 40.9 per cent of the value of all orchard fruits and grapes produced in the state is that of products grown on irrigated land.

Of the crops shown in the table, alfalfa covers the largest irrigated acreage, representing 47.8 per cent of the total for the crops given. Orchard fruits and grapes are next, with 11.2 per cent of this total; timothy is next with 11.1 per cent; and potatoes follow with 5.9 per cent. No other single crop comprises as much as 5 per cent of the irrigated acreage shown.

While most of the irrigated crops are well distributed geographically, there is a tendency toward the concentration of certain crops in particular localities. This is shown by the following statement, which gives the counties having the largest acreages of the principal irrigated crops, with the proportions which they contain of the total irrigated acreages of these crops in the state. Yakima and Kittitas Counties contain about 65 per cent of the total irrigated land in the state, and, naturally, lead in the acreage of most irrigated crops.

Corn.—Yakima County, 55 per cent; Chelan, 18.8 per cent; Okanogan, 9.7 per cent.

Oats.—Kittitas County, 60.9 per cent; Yakima, 30.9 per cent; Klickitat, 3.5 per cent.

Wheat.—Yakima County, 49.1 per cent; Kittitas, 36.1 per cent; Lincoln, 5.4 per cent.

Barley.—Yakima County, 58.9 per cent; Kittitas, 30.7 per cent; Columbia, 6.3 per cent.

Timothy alone.—Kittitas County, 74.3 per cent; Yakima, 15.5 per cent; Stevens, 3.3 per cent.

Timothy and clover mixed.—Kittitas County, 60.4 per cent; Yakima, 14.7 per cent; Klickitat, 12.3 per cent.

Clover alone.—Yakima County, 35.8 per cent; Benton, 16.5 per cent; Clallam, 13.1 per cent.

Alfalfa.—Yakima County, 54.1 per cent; Kittitas, 22.4 per cent; Okanogan, 5.5 per cent.

Wild, salt, or prairie grasses.—Kittitas County, 63.5 per cent; Yakima, 19.4 per cent; Klickitat, 12.4 per cent.

Grains cut green.—Yakima County, 37.2 per cent; Kittitas, 18.4 per cent; Okanogan, 10.7 per cent.

Potatoes.—Yakima County, 67.1 per cent; Kittitas, 9 per cent; Benton, 6.3 per cent.

Sugar beets.—Spokane County, 81.7 per cent; Yakima, 18.3 per cent.

Orchard fruits and grapes.—Yakima County, 38.7 per cent; Chelan, 36.6 per cent; Walla Walla, 6.3 per cent.

Small fruits.—Yakima County, 30.8 per cent; Benton, 23.7 per cent; Walla Walla, 8.1 per cent.

Of the irrigated acreage of orchards not bearing in 1909, amounting to 30,505 acres, 47.4 per cent was in Yakima County, 17.8 per cent in Chelan County, and 14.1 per cent in Benton County.

Yield.—In the following table the average yields per acre of crops extensively grown, both with and without irrigation, are shown. The yields on unirrigated land are obtained by subtracting the totals for irrigated crops from the totals for the state.

CROP.	AVERAGE YIELD PER ACRE.		
	On unirrigated land.	On irrigated land.	
		Amount.	Per cent of excess over yield on unirrigated land. ¹
Corn.....bushels..	20.2	35.5	75.7
Oats.....bushels..	49.0	49.4	0.8
Wheat.....bushels..	19.3	28.1	45.7
Barley.....bushels..	34.0	28.3	-16.8
Timothy alone.....tons..	1.55	1.94	25.2
Timothy and clover mixed.....tons..	2.05	2.72	32.7
Clover alone.....tons..	1.96	2.69	37.2
Alfalfa.....tons..	2.99	3.98	33.1
Wild, salt, or prairie grasses.....tons..	1.01	1.75	73.3
Grains cut green.....tons..	1.39	1.70	26.6
Potatoes.....bushels..	125.9	167.0	32.6

¹ A minus sign (—) indicates that the yield on irrigated land is less than that on unirrigated land.

All the crops given in the table except barley show greater yields per acre in 1909 on irrigated land than on unirrigated land, and the excess shown in the average yield on irrigated land is more than 25 per cent for all except oats. The difference is greatest in the average production of corn, which, however, covers only a small acreage. In the case of alfalfa, which comprises nearly one-half of the total irrigated acreage, the yield on irrigated land is 33.1 per cent greater than that on unirrigated land. For timothy, the crop next in importance with respect to irrigated acreage of those for which comparisons are possible, an excess of 25.2 per cent is shown in the yield under irrigation.

In considering these comparisons it should be borne in mind that they are not comparisons of yields on irrigated and on unirrigated land in the same localities, but of yields under irrigation in localities where crops can not be grown to advantage without it with yields in localities where irrigation is not necessary. They do not indicate, therefore, the relative advantages of farming with and without irrigation in a given community, but rather give one factor for determining the relative advantages of farming where irrigation is necessary and where it is not necessary for the successful growing of crops.

COUNTY TABLE.

The next table gives in detail, by counties, the data summarized above, except those relating to crops. For purposes of comparison the total number of farms in the state, the approximate land area of the state, the total land in farms, and the improved land in farms have been included in the table.

Five counties—Cowlitz, Pacific, San Juan, Snohomish, and Wahkiakum—did not report any irrigation in 1909, but as regards the items just mentioned the figures for these counties are included in the state totals and also in the totals shown under the head of "all other counties," in the last column of the table. The group of "all other counties" comprises for 1909 and 1910 all but one of the counties west of the Cascades, including in addition to the five counties named thirteen in which there was some irrigation, namely, Chehalis, Clarke, Island, Jefferson, King, Kitsap, Lewis, Mason, Pierce, Skagit, Skamania, Thurston, and Whatcom. In this section of the state, as already explained, irrigation is comparatively unimportant. The counties represented under the head of "all other counties" for 1899 in the Twelfth Census report were not named, but were practically all in the western part of the state.

In the tables in the Twelfth Census report showing the number of farms and acreage irrigated in 1899 the group designated "all other counties" included Frank-

lin County, but not Clallam and King Counties, while in the table showing length of main ditches in 1899 and cost of systems operated in 1899 it included Clallam and King Counties, but not Franklin. In the present chapter figures for farms and acreage irrigated in King County have been added to the totals shown under the head of "all other counties" for 1900, but for all the other items the figures are the same as were shown under this head in the 1900 report. The figure for average cost per acre irrigated in 1899 is based on the acreage irrigated from streams in the counties for which the cost in 1899 is included under the head of "all other counties."

Certain enterprises extend into more than one county, and in the case of some of these enterprises the reports do not segregate the data by counties. In such cases a distribution has been made according to the best estimates possible from all the information in the possession of the bureau. It is believed that these estimates are approximately correct.

Change of boundaries.—In comparing the data secured in 1910 with those for 1900, the following changes in county boundaries should be considered: Benton County was organized from parts of Klickitat and Yakima Counties in 1905, and Grant County was organized from a part of Douglas County in 1909.

STATISTICS OF IRRIGATION.

647

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES, AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910.

[Comparative data for 1899 in italics.]

	THE STATE.	Adams.	Asotin.	Benton.	Chelan.	Clallam.	Columbia.
1 Number of all farms in 1910.....	56,192	1,263	555	1,230	1,661	607	703
2 Number of farms irrigated in 1909.....	7,664	20	238	768	1,189	77	56
3 Per cent of all farms.....	13.6	1.6	42.9	62.0	71.6	12.7	8.0
4 <i>Number of farms irrigated in 1899</i>	<i>9,618</i>	<i>12</i>	<i>222</i>	<i>(1)</i>	<i>309</i>	<i>16</i>	<i>25</i>
5 Per cent of increase, 1899-1909.....	118.2	66.7	7.2		284.8	381.3	124.0
LAND AND FARM AREA							
6 Approximate land area..... acres.....	42,775,040	1,223,680	387,840	1,069,440	1,856,000	1,104,640	549,120
7 Land in farms..... acres.....	11,712,235	979,455	189,987	260,044	152,613	62,248	314,557
8 Improved land in farms..... acres.....	6,373,311	747,778	79,265	186,397	42,251	16,708	180,562
9 Acreage irrigated in 1909.....	3,344,378	1,523	3,179	23,437	23,020	4,265	2,174
10 Per cent of total land area.....	0.8	0.1	0.8	2.2	1.3	0.4	0.4
11 Per cent of land in farms.....	2.9	0.2	1.7	9.0	15.5	6.9	0.7
12 Per cent of improved land in farms.....	5.2	0.2	4.0	12.0	55.9	25.5	1.2
13 <i>Acreage irrigated in 1899</i>	<i>126,470</i>	<i>423</i>	<i>1,098</i>	<i>(1)</i>	<i>6,406</i>	<i>127</i>	<i>440</i>
14 Per cent of increase, 1899-1909.....	146.8	200.0	87.2		268.7	3,258.3	394.1
15 Acreage enterprises were capable of irrigating in 1910.....	470,514	1,655	5,373	50,653	27,979	4,405	2,707
16 Acreage included in projects.....	817,032	5,123	9,844	87,384	53,497	9,975	3,922
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS							
CLASSIFIED BY CHARACTER OF ENTERPRISE.							
17 U. S. Reclamation Service, irrigated in 1909.....	55,690			5,777			
18 Enterprises were capable of irrigating in 1910.....	74,500			6,111			
19 Included in projects.....	143,096			10,955			
20 U. S. Indian Service, irrigated in 1909.....	35,000						
21 Enterprises were capable of irrigating in 1910.....	50,000						
22 Included in projects.....	100,000						
23 Carey Act enterprises, irrigated in 1909.....							
24 Enterprises were capable of irrigating in 1910.....							
25 Included in projects.....							
26 Irrigation districts, irrigated in 1909.....							
27 Enterprises were capable of irrigating in 1910.....							
28 Included in projects.....							
29 Cooperative enterprises, irrigated in 1909.....	81,122		400	152	5,830	4,100	165
30 Enterprises were capable of irrigating in 1910.....	90,805		400	152	6,255	4,200	200
31 Included in projects.....	115,410		700	312	7,170	6,600	290
32 Commercial enterprises, irrigated in 1909.....	66,911	1,000	2,125	16,180	10,226		
33 Enterprises were capable of irrigating in 1910.....	138,064	1,000	4,300	41,974	11,930		
34 Included in projects.....	260,216	4,000	8,300	72,264	31,280		
35 Individual and partnership enterprises, irrigated in 1909.....	95,655	523	654	1,328	7,584	165	2,009
36 Enterprises were capable of irrigating in 1910.....	117,145	655	673	2,416	9,794	205	2,597
37 Included in projects.....	192,310	1,123	844	3,853	15,067	375	3,632
ACREAGE IRRIGATED							
CLASSIFIED BY SOURCE OF WATER SUPPLY.							
38 Supplied from streams.....	310,426	1,409	3,149	22,618	22,793	4,175	2,683
39 By gravity.....	301,341	1,379	3,147	17,769	22,329	4,175	2,072
40 By pumping.....	9,085	30	2	4,849	464		11
41 Supplied from lakes.....	10,782	10			47		
42 By gravity.....	4,098						
43 By pumping.....	6,684	10			47		
44 Supplied from wells.....	8,664	93		607	94		
45 Flowing.....	3,227			171	24		
46 By pumping.....	5,437	93		636	70		
47 Supplied from springs.....	4,207	11	30	12	678	90	91
48 Supplied from reservoirs.....	299				8		
49 Total acreage supplied by pumping.....	20,606	133	2	5,485	581		11
IRRIGATION ENTERPRISES							
50 Independent enterprises..... number.....	1,934	19	22	74	200	7	42
51 <i>Number in 1899</i>	<i>1,600</i>	<i>12</i>	<i>18</i>	<i>50</i>	<i>227</i>	<i>7</i>	<i>43</i>
52 Per cent of increase, 1899-1910.....							
53 Main ditches..... number.....	1,600	12	18	50	227	7	43
54 <i>Number in 1899</i>	<i>1,600</i>	<i>12</i>	<i>18</i>	<i>50</i>	<i>227</i>	<i>7</i>	<i>43</i>
55 Per cent of increase, 1899-1910.....							
56 Length..... miles.....	2,594	24	40	130	367	17	36
57 <i>Length in 1899</i>	<i>809</i>	<i>4</i>	<i>28</i>	<i>(1)</i>	<i>112</i>	<i>(1)</i>	<i>7</i>
58 Per cent of increase, 1899-1910.....	221.8	500.0	73.9		218.8		414.3
59 Capacity..... cubic feet per second.....	13,178	185	76	1,099	1,219	281	211
60 Laterals..... number.....	1,180	8	10	70	182	19	30
61 Length..... miles.....	1,298	7	64	119	122	19	4
62 Reservoirs..... number.....	156	1	3	2	36		
63 Capacity..... acre-feet.....	121,543	10,000	1,160	(c)	12,748		
64 Flowing wells..... number.....	55			4			
65 Capacity..... gallons per minute.....	18,926			1,290			
66 Pumped wells..... number.....	128	5		31	8		1
67 Capacity..... gallons per minute.....	60,220	1,873		10,168	564		1,500
68 Pumping plants..... number.....	391	8	1	84	54		3
69 Engine capacity..... horsepower.....	13,847	133	2	5,894	2,624		58
70 Pump capacity..... gallons per minute.....	365,411	3,223	42	147,059	14,777		1,620
COST							
71 Cost of enterprises up to July 1, 1910..... dollars.....	16,219,149	171,946	1,662,958	3,211,493	889,152	18,900	16,027
72 <i>Cost in 1899</i>	<i>1,728,369</i>	<i>1,259</i>	<i>38,089</i>	<i>(1)</i>	<i>34,082</i>	<i>(1)</i>	<i>1,668</i>
73 Per cent of increase, 1899-1910.....	841.7	13,198.2	1,925.8		955.3		860.9
74 Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	34.47	103.89	309.50	63.40	31.78	4.29	5.73
75 <i>Average cost per acre irrigated in 1899</i>	<i>12.71</i>	<i>8.08</i>	<i>48.54</i>	<i>(1)</i>	<i>18.16</i>	<i>(1)</i>	<i>8.79</i>
76 Estimated final cost of existing enterprises..... dollars.....	22,322,856	171,946	1,662,958	3,565,877	1,340,835	18,900	16,027
77 Average per acre included in projects..... dollars.....	27.32	38.96	168.93	40.81	25.06	1.89	4.09
OPERATION AND MAINTENANCE							
78 Acreage for which cost is reported.....	176,197	1,000	2,525	17,714	8,766	4,100	165
79 Total cost reported..... dollars.....	543,312	2,000	92,216	274,253	14,702	1,000	400
80 Average per acre for which cost is reported..... dollars.....	3.08	2.00	36.52	15.48	1.68	0.24	2.42
81 <i>Average cost per acre in 1899</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>	<i>(1)</i>
82 Per cent of increase, 1899-1909.....							

1 Change of boundary. (See explanation at close of text.)
 2 Not reported.
 3 Figures relate only to systems obtaining water from streams.
 4 Not shown separately.
 5 Less than 1 acre-foot.

6 State total includes \$43,050 representing cost of well systems not distributed by counties, and also \$197,000 reported for Spokane and Yakima Indian Reservations, not segregated, while county figures relate only to systems obtaining water from streams.

ACREAGE IRRIGATED, EXTENT AND COST OF IRRIGATION ENTERPRISES,

[Comparative data for 1899 in italics.]

	Douglas. ¹	Ferry.	Franklin.	Garfield.	Grant.	Kittitas.	Klickitat. ¹	Lincoln.
1	1,730	590	620	504	1,607	871	1,641	2,139
2	146	20	21	54	49	639	169	77
3	8.4	3.4	3.4	10.7	3.0	73.4	10.3	3.6
4	55	16	(²)	25	(¹)	54.9	151	64
5		25.0		116.0		16.4		42.6
LAND AND FARM AREA								
6	1,143,680	1,420,800	771,840	444,160	1,740,800	1,490,560	1,168,000	1,473,280
7	711,831	101,050	387,832	314,609	647,999	262,605	530,291	1,206,910
8	472,625	20,037	273,241	155,531	444,622	78,939	181,581	799,380
9	3,317	397	530	1,316	3,230	68,802	4,681	2,217
10	0.3	(²)	0.1	0.3	0.2	4.6	0.4	0.2
11	0.5	0.4	0.2	0.4	0.5	26.2	0.9	0.2
12	0.7	2.0	0.3	0.8	0.7	37.3	2.6	0.3
13	2,627	625	(²)	328	(¹)	47,373	1,235	1,069
14		436.5		301.2		45.4		107.4
15	8,365	4,258	1,276	1,728	8,501	72,348	7,461	2,404
16	12,826	5,271	2,113	2,283	14,456	92,940	13,590	2,935
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30	610					29,730	760	334
31	760					30,035	1,625	394
						31,140	4,300	474
32	1,820				1,400	9,200	207	
33	5,495	3,500	55		5,400	10,200	685	
34	9,075	4,200	350		5,560	15,200	3,560	
35	1,497	397	330	1,316	1,330	29,962	3,714	1,883
36	2,200	758	1,221	1,728	3,101	32,113	5,151	2,010
37	3,001	1,071	1,703	2,283	8,896	46,600	10,730	2,461
ACREAGE IRRIGATED								
CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38	2,699	372	747	1,183	1,205	68,084	4,174	2,166
39	2,241	372		1,058	735	67,729	4,126	1,936
40	458		747	125	470	555	48	189
41					1,325		40	
42					65		40	
43					1,260			
44	26	13	53		447		39	51
45	6				3		10	
46	20	13	53		444		29	51
47	592		30	133	133	808	428	
48		12			120			
49	478	13	800	125	2,174	355	77	231
IRRIGATION ENTERPRISES								
50	45	20	21	47	43	257	115	43
51								
52								
53	33	20	8	42	23	206	87	41
54								
55								
56	31	24	7	41	41	387	108	31
57	22	8	1	5	(¹)	118	16	9
58		200.0	600.0	1,266.7		228.0		244.4
59	49	129	44	120	87	1,530	596	92
60	28	4		5	22	143	65	24
61	8			17	50	23	3	3
62	4	1		2	10	3	11	3
63	39	700		1	84	35,000	12	(¹)
64	2				2		1	
65	25				7		14	
66	1	1	5		14		12	5
67	850	13	1,845		2,608		278	450
68	18	2	22	5	26		10	8
69	406	12	298	90	417		45	184
70	12,713	278	12,335	2,060	23,785	11,700	919	3,170
COST								
71	488,941	37,406	36,561	23,503	160,510	681,168	73,434	23,434
72	18,740	1,707	210	853	(¹)	119,706	4,222	1,298
73		2,091.3	17,310.0	2,639.3		469.0		2,000.6
74								
75	58.45	8.78	28.65	13.60	19.59	9.42	9.84	11.83
76	7.19	2.73	6.13	3.24	(¹)	2.53	2.85	1.21
77	488,941	37,406	36,561	23,503	160,510	681,168	80,434	28,434
	38.12	7.10	17.30	10.29	13.25	7.33	4.81	9.60
OPERATION AND MAINTENANCE								
78	320				400	38,730	310	334
79	1,500				1,465	28,660	25	515
80	4.84				3.66	0.74	0.08	1.54
81								
82								

¹ Change of boundary. (See explanation at close of text.)

² Not shown separately.

³ Less than one-tenth of 1 per cent.

STATISTICS OF IRRIGATION.

649

AND COST OF OPERATION AND MAINTENANCE, BY COUNTIES: 1909 AND 1910—Continued.

[Comparative data for 1899 in italics.]

		Okanogan.	Spokane.	Stevens.	Walla Walla.	Whitman.	Yakima. ¹	All other counties.
1	Number of all farms in 1910.....	2,173	3,947	3,196	1,383	3,096	3,351	23,326
2	Number of farms irrigated in 1909.....	397	287	126	273	46	2,951	61
3	Per cent of all farms.....	18.3	7.3	3.9	19.7	1.5	88.3	0.3
4	Number of farms irrigated in 1899.....	<i>251</i>	<i>74</i>	<i>104</i>	<i>281</i>	<i>44</i>	<i>1,307</i>	<i>68</i>
5	Per cent of increase, 1899-1909.....	58.2	287.8	21.2	18.2	4.5		
LAND AND FARM AREA								
6	Approximate land area..... acres.....	3,341,440	1,123,840	2,474,240	809,600	1,349,120	3,237,760	14,595,200
7	Land in farms..... acres.....	379,760	682,330	521,259	739,699	1,187,966	320,921	1,755,263
8	Improved land in farms..... acres.....	122,386	361,958	116,872	479,660	923,820	176,410	513,288
9	Acreage irrigated in 1909.....	15,238	12,143	3,510	10,008	1,377	148,630	394
10	Per cent of total land area.....	0.5	1.1	0.1	1.2	0.1	4.6	(³)
11	Per cent of land in farms.....	4.0	1.8	0.7	1.4	0.1	46.3	(³)
12	Per cent of improved land in farms.....	12.5	3.4	3.0	2.1	0.1	84.3	0.1
13	Acreage irrigated in 1899.....	<i>6,377</i>	<i>868</i>	<i>1,926</i>	<i>6,100</i>	<i>863</i>	<i>66,611</i>	<i>384</i>
14	Per cent of increase, 1899-1909.....	139.0	1,315.3	82.2	64.1	59.6		
15	Acreage enterprises were capable of irrigating in 1910.....	31,070	17,140	13,235	20,954	1,705	186,050	557
16	Acreage included in projects.....	53,012	52,330	15,510	39,622	3,057	331,455	887
ACREAGE IRRIGATED AND INCLUDED IN PROJECTS								
CLASSIFIED BY CHARACTER OF ENTERPRISE.								
17	U. S. Reclamation Service, irrigated in 1909.....	3,690					46,223	
18	Enterprises were capable of irrigating in 1910.....	9,500					58,889	
19	Included in projects.....	10,000					122,141	
20	U. S. Indian Service, irrigated in 1909.....						35,000	
21	Enterprises were capable of irrigating in 1910.....						60,000	
22	Included in projects.....						100,000	
23	Carey Act enterprises, irrigated in 1909.....							
24	Enterprises were capable of irrigating in 1910.....							
25	Included in projects.....							
26	Irrigation districts, irrigated in 1909.....							
27	Enterprises were capable of irrigating in 1901.....							
28	Included in projects.....							
29	Cooperative enterprises, irrigated in 1909.....	1,015	400	200	600		37,436	
30	Enterprises were capable of irrigating in 1910.....	1,705	450	300	870		43,609	
31	Included in projects.....	4,571	640	500	908		54,055	
32	Commercial enterprises, irrigated in 1909.....	1,943	11,120	230	4,660		6,800	
33	Enterprises were capable of irrigating in 1910.....	7,460	15,695	8,410	14,150		7,900	
34	Included in projects.....	14,890	49,047	8,760	30,150		9,000	
35	Individual and partnership enterprises, irrigated in 1909.....	8,590	623	3,080	4,748	1,377	23,171	394
36	Enterprises were capable of irrigating in 1910.....	13,005	1,085	4,525	5,934	1,705	25,652	557
37	Included in projects.....	23,551	2,043	6,250	8,594	3,057	46,259	887
ACREAGE IRRIGATED								
CLASSIFIED BY SOURCE OF WATER SUPPLY.								
38	Supplied from streams.....	12,834	1,166	3,102	8,077	1,199	140,870	315
39	By gravity.....	12,478	1,112	3,080	7,800	1,074	146,442	237
40	By pumping.....	356	54	22	277	125	434	78
41	Supplied from lakes.....	2,044	7,274	40				2
42	By gravity.....	2,029	2,524	40				
43	By pumping.....	15	4,750					2
44	Supplied from wells.....		3,642		1,832		1,547	20
45	Flowing.....		2		1,726		1,282	3
46	By pumping.....		3,640		106		265	17
47	Supplied from springs.....	201	61	368	99	178	207	57
48	Supplied from reservoirs.....	159						
49	Total acreage supplied by pumping.....	371	8,444	22	383	125	699	97
IRRIGATION ENTERPRISES								
50	Independent enterprises..... number.....	255	55	91	136	36	280	61
51	Number in 1899.....	<i>255</i>	<i>55</i>	<i>91</i>	<i>136</i>	<i>36</i>	<i>280</i>	<i>61</i>
52	Per cent of increase, 1899-1910.....							
53	Main ditches..... number.....	238	50	91	100	36	242	26
54	Number in 1899.....	<i>238</i>	<i>50</i>	<i>91</i>	<i>100</i>	<i>36</i>	<i>242</i>	<i>26</i>
55	Per cent of increase, 1899-1910.....							
56	Length of main ditches..... miles.....	321	124	133	140	30	504	8
57	Length in 1899..... miles.....	<i>76</i>	<i>10</i>	<i>87</i>	<i>33</i>	<i>15</i>	<i>318</i>	<i>4</i>
58	Per cent of increase, 1899-1910.....	322.4	1,140.0	392.6	324.2	100.0		
59	Capacity..... cubic feet per second.....	1,845	625	374	913	68	3,615	20
60	Laterals.....	171	44	78	68	14	247	
61	Length..... miles.....	96	93	10	105	4	546	
62	Reservoirs..... number.....	38	18	3	10	2	2	7
63	Capacity..... acre-feet.....	25,727	1,536	20	4	11	34,500	1
64	Flowing wells..... number.....		5		13		27	1
65	Capacity..... gallons per minute.....		1		12,502		5,069	18
66	Pumped wells..... number.....	2	30		1		9	3
67	Capacity..... gallons per minute.....	188	33,929		4,500		1,382	84
68	Pumping plants..... number.....	25	32	2	36	6	18	19
69	Engine capacity..... horsepower.....	299	1,633	23	1,152	68	270	37
70	Pump capacity..... gallons per minute.....	9,983	42,646	275	62,987	2,179	11,812	1,248
COST								
71	Cost of enterprises up to July 1, 1910..... dollars.....	1,119,447	946,307	244,466	1,166,120	53,720	5,159,024	23,632
72	Cost in 1899..... dollars.....	<i>36,474</i>	<i>41,850</i>	<i>7,564</i>	<i>28,073</i>	<i>8,855</i>	<i>1,046,900</i>	<i>1,500</i>
73	Per cent of increase, 1899-1910.....	2,992.2	2,161.2	3,132.0	4,954.0	506.7		
74	Average cost per acre enterprises were capable of irrigating in 1910..... dollars.....	35.35	55.21	18.47	55.65	31.51	27.73	42.43
75	Average cost per acre irrigated in 1899..... dollars.....	<i>5.73</i>	<i>62.37</i>	<i>5.33</i>	<i>3.87</i>	<i>11.63</i>	<i>22.53</i>	<i>3.78</i>
76	Estimated final cost of existing enterprises..... dollars.....	1,229,118	946,307	244,466	1,393,370	53,720	10,078,743	23,632
77	Average cost per acre included in projects..... dollars.....	23.19	18.08	15.76	35.17	17.57	30.41	26.04
OPERATION AND MAINTENANCE								
78	Acreage for which cost is reported.....	6,228	8,420	200	350		86,645	
79	Total cost reported..... dollars.....	8,495	29,252	300	442		88,037	
80	Average per acre for which cost is reported..... dollars.....	1.36	3.47	1.50	1.26		1.02	
81	Average cost per acre in 1899.....	<i>1.36</i>	<i>3.47</i>	<i>1.50</i>	<i>1.26</i>		<i>1.02</i>	
82	Per cent of increase, 1899-1909.....							

¹ Decrease.

² Not reported.

³ Figures relate only to systems obtaining water from streams.

⁴ Less than 1 acre-foot.

CHAPTER 5.

STATISTICS OF MANUFACTURES FOR THE STATE, CITIES, AND INDUSTRIES.

Introduction.—This chapter gives the statistics of manufactures for the state of Washington for the calendar year 1909, as shown by the Thirteenth Census.

The text summarizes the general results of the census inquiry, presenting a series of special tables in which the main facts printed in the general tables are given in convenient form for the state as a whole and for important industries. It also presents tables in which the statistics for the industries of the state as a whole and for a few important industries are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented in general tables for each industry without disclosing the facts for individual establishments.

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the cities of Seattle, Spokane, and Tacoma. It also gives the same items for all industries combined for every city and town having in 1910 a population of over 10,000 but less than 50,000.

Table II gives statistics in detail for 1909 for the state and for a larger number of industries.

Table III gives statistics in detail for 1909 for Seattle, Spokane and Tacoma for all industries combined and selected industries, and for each city having from 10,000 to 50,000 inhabitants for all industries combined.

Scope of census: Factory industries.—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 organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes it is imperative that due attention should be given to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits. These limitations will be fully discussed in the general report on manufactures for the United States as a whole.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a comparable basis by eliminating the latter classes of industries.

The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—The term "establishment" comprises the factories, mills, or plants which are under a common ownership or control, and for which one set of books of account is kept.

If, however, the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. 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 very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

Selected industries.—The general tables at the end of this chapter give the principal facts separately for the industries of the state. A selection has been made of the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted because it comprises so few establishments that these detailed presentations would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to the 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. Table I, giving comparable figures for 1909, 1904, and 1899, therefore, does not embrace all the industries shown for 1909 in Table II.

Influence of increased prices.—In considering changes in cost of materials, value of products, and value added by manufacture, 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 can not be taken as an exact measure of increase in the volume of business.

Persons engaged in industry.—At the censuses of 1909, 1904, and 1899 the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5) wage earners. In 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. The second group included the three classes of salaried officers of corporations, superintendents and managers, and clerks. In the present census an entirely different grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, such as canning, the December date could not be accepted as typical and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15, or other representative day, has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

Wage earners.—In addition to the report by sex and age of the number of wage earners on December 15, or other representative day, 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 each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any 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 for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not 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.

In particular, totals by sex and age for the wage earners reported for the representative day would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners in the state as a whole, the following procedure has been adopted.

The percentage distribution by sex and 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. This percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

Prevailing hours of labor.—The census made no attempt to ascertain the number of employees 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 period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the

tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

Capital.—For reasons stated in prior census reports, the statistics of capital secured by the census canvass are so defective as to be without value, except as indicating very general conditions. The instructions on the schedule for securing 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.

Materials.—Cost of materials refers to the materials used during the year, which may be more or less than the materials purchased during the year. The term materials includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Fuel includes all fuel used, whether for heat, light, or power, or for the process of manufacture.

Expenses.—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, and allowances for depreciation.

Value of products.—The value of products for any industry includes the total value of all products manufactured in establishments whose products of chief value fall under the industry designation. The amounts given represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

Value added by manufacture.—The value of products is not 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 process carried on in the industry itself. Another part of it, and often by far the larger part, represents the value of the materials used, which have been produced by agriculture or mining or by other industrial establishments. For many purposes, therefore, the best measure of the importance of different classes of industry is the value created as the result of the manufacturing operations carried on within the industry. This value is obtained by deducting the cost of the materials used from the value of the product. The figure thus obtained is termed in the census reports "value added by manufacture."

There is a further statistical advantage which "value added" has over gross value of products. In combining the value of products for all industries the value of products produced by one establishment and used as materials in another is duplicated, and the total, therefore, gives a greatly exaggerated idea of the wealth created. No such duplication takes place in the total "value added by manufacture."

Cost of manufacture and profits.—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products, the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

Primary power.—The figures given for this item show the total of the primary power used by the establishments. They do not cover the power developed by motors operated by such power, the inclusion of which would evidently result in duplication.

Location of establishments.—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the

fact that often establishments are located just outside the boundaries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the cities.

Laundries.—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments using mechanical power. The data are presented separately and are

not included in the general total for manufacturing industries, in order to avoid interference with comparisons presented for prior censuses.

Custom sawmills and gristmills.—In order to make the statistics for 1909 comparable with those for 1904 the data for these mills have been excluded from all the tables presenting general statistics, and are given in a separate table at the end of this chapter.

INDUSTRIES IN GENERAL.

General character of the state.—Washington, with a gross area of 69,127 square miles, of which 2,291 represent water surface, ranks nineteenth in size among the states and territories of continental United States. Its population in 1910 was 1,141,990, as compared with 518,103 in 1900 and 357,232 in 1890. It ranked thirtieth among the 49 states and territories as regards population in 1910 and thirty-fourth in 1900, the rate of increase during the decade being 120.4 per cent, the largest shown for any state. The density of population for the entire state in 1910 was 17.1 per square mile, the corresponding figure for 1900 being 7.8. In 1910, 53 per cent of the entire population of the state resided in cities and incorporated towns having a population of 2,500 inhabitants or over, as against 39.9 per cent in 1900.

Three cities of the state had a population of over 50,000 in 1910, namely, Seattle, Spokane, and Tacoma. Five other cities—Everett, Bellingham, Walla Walla, North Yakima, and Aberdeen—each had a population exceeding 10,000. These eight cities contained 45.7 per cent of the total population of the state and were credited with 50.7 per cent of the total value of its manufactures. Only 7.4 per cent of the population resided in cities and towns having between 2,500 and 10,000 inhabitants.

The transportation facilities, already good, are being extended rapidly. Two of the most important railroad systems of the Northwest traverse the state and have their terminals on Puget Sound, one of the best commercial harbors in the United States. The traffic movement on the Columbia River is greater than on any other river west of the Mississippi. Other rivers of the state are navigable to some extent and afford cheap transportation for the products of the inland counties. The development of the interurban trolley lines in eastern Washington has done much to open the fertile valleys of this section to farming and fruit growing. Numerous mountain streams afford abundant water power, and a considerable quantity of bituminous coal is mined in the western and central portions of the state.

Importance and growth of manufactures.—In 1889 there were 1,543 manufacturing establishments in the state which reported products valued at \$41,768,022, and employed 18,677 wage earners, or 5.2 per cent of the total population. The proportion so employed in 1899 and 1909 was 6.1 per cent. In value of manufactured products, Washington ranked twenty-ninth

among the states and territories in 1889 and twenty first in 1909. During this period of 20 years the value of products per capita of the total population of the state increased from \$117 to \$193. The proportion which the manufactures of the state represented of the total value of manufactured products for the United States increased from four-tenths of 1 per cent in 1889 to 1.1 per cent in 1909.

Much of the growth in manufacturing has resulted directly from the development of the state's natural resources. The vast forests of Washington furnish lumber to many parts of the civilized world; its streams and bays support the important salmon-canning industry; and extensive grazing ranges and the luxuriant growth of bunch grass encourage stock raising, upon which the meat-packing and the butter, cheese, and condensed-milk industries depend.

The first table on page 654 gives the most important figures relative to all classes of manufactures combined for 1909, 1904, and 1899, together with the percentages of increase from census to census.

In 1909 the state of Washington had 3,674 manufacturing establishments, which gave employment to an average of 80,118 persons during the year and paid out \$59,593,000 in salaries and wages. Of the persons employed, 69,120 were wage earners. These establishments turned out products to the value of \$220,746,000, in the manufacture of which materials costing \$117,888,000 were utilized. The value added by manufacture was thus \$102,858,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

The statistics presented in this chapter do not include those for an establishment owned and operated by the Federal Government, the Puget Sound Navy Yard, located at Bremerton. In 1909 this establishment employed an average of 1,065 wage earners, and the products, consisting principally of repair work, were valued at \$1,771,683.

In general, this table brings out the fact that while the manufacturing activities of the state have shown great increases during the past 10 years the development during the more recent five-year period, 1904-1909, was not as rapid as during the preceding five-year period, 1899-1904. The absolute increases, however, for all items shown in the table were larger for the later period than for the earlier one. From 1904 to 1909 the number of establishments increased 33.6 per cent, and the average number of wage earners 52.9

per cent, while the value of products increased 71.4 per cent, and the value added by manufacture 64.2 per cent. As pointed out in the Introduction, it would be improper to infer that manufactures increased in

volume to the full extent indicated by the figures representing values, since the increase shown is certainly due, in part, to the increase that has taken place in the prices of commodities.

	NUMBER OR AMOUNT.			PER CENT OF INCREASE.	
	1909	1904	1899	1904-1909	1899-1904
Number of establishments.....	3,674	2,751	1,926	33.6	42.8
Persons engaged in manufactures.....	80,118	51,459	(1)	55.7	-----
Proprietors and firm members.....	3,264	2,602	(1)	25.4	-----
Salaried employees.....	7,734	3,658	2,103	111.4	73.9
Wage earners (average number).....	69,120	45,199	31,523	52.9	48.4
Primary horsepower.....	297,897	168,342	87,601	77.0	92.2
Capital.....	\$222,261,000	\$96,953,000	\$41,575,000	129.2	133.2
Expenses.....	196,275,000	111,381,000	61,333,000	76.2	81.6
Services.....	59,593,000	34,180,000	19,128,000	74.4	78.7
Salaries.....	9,327,000	4,093,000	2,063,000	140.1	98.4
Wages.....	49,766,000	30,087,000	17,065,000	65.4	76.3
Materials.....	117,888,000	66,166,000	38,277,000	78.2	72.9
Miscellaneous.....	18,794,000	11,035,000	3,928,000	70.3	180.9
Value of products.....	220,746,000	128,822,000	70,831,000	71.4	81.9
Value added by manufacture (value of products less cost of materials).....	102,858,000	62,656,000	32,554,000	64.2	92.5

¹ Figures not available.

The relative importance and growth of the leading manufacturing industries of the state are shown in the following table. It should be borne in mind, in considering this table, that the value of products in

some of the industries involves a certain amount of duplication, due to the use of the product of one establishment in the industry as material for another establishment.

INDUSTRY.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.		PER CENT OF INCREASE. ¹			
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	Value of products.		Value added by manufacture.	
								1904-1909	1899-1904	1904-1909	1899-1904
All industries.....	3,674	69,120	100.0	\$220,746,000	100.0	\$102,858,000	100.0	71.4	81.9	64.2	92.5
Lumber and timber products.....	1,263	43,749	63.3	89,155,000	40.4	52,276,000	50.8	62.1	73.7	46.9	99.1
Flour-mill and gristmill products.....	96	644	0.9	17,853,000	8.1	2,379,000	2.3	21.7	116.5	25.7	68.3
Slaughtering and meat packing.....	14	828	1.2	15,654,000	7.1	1,894,000	1.8	150.4	27.8	128.5	29.3
Canning and preserving.....	80	2,029	2.9	9,595,000	4.3	4,549,000	4.4	165.3	-28.9	259.3	-31.6
Printing and publishing.....	506	2,624	3.8	9,286,000	4.2	7,062,000	6.9	94.9	141.3	90.4	133.1
Foundry and machine-shop products.....	178	2,439	3.5	7,988,000	3.6	4,264,000	4.1	102.5	70.0	98.0	63.8
Butter, cheese, and condensed milk.....	97	735	1.1	7,271,000	3.3	1,596,000	1.6	142.9	151.5	165.4	132.9
Liquors, malt.....	31	765	1.1	6,903,000	3.1	4,672,000	4.5	54.4	263.3	33.9	272.6
Cars and general shop construction and repairs by steam-railroad companies.....	17	2,716	3.9	4,666,000	2.1	2,182,000	2.1	68.5	87.1	126.3	34.1
Bread and other bakery products.....	298	999	1.4	4,570,000	2.1	2,004,000	1.9	178.0	153.2	163.0	128.1
Brick and tile.....	58	1,300	1.9	2,559,000	1.2	1,903,000	1.9	279.1	58.1	262.7	52.0
Confectionery.....	52	612	0.9	2,208,000	1.0	897,000	0.9	68.4	194.6	50.0	170.6
Copper, tin, and sheet-iron products.....	81	533	0.8	1,946,000	0.9	1,043,000	1.0	-----	-----	-----	-----
Gas, illuminating and heating.....	12	465	0.7	1,634,000	0.8	1,023,000	1.0	179.7	90.5	125.8	80.5
Coffee and spice, roasting and grinding.....	15	131	0.2	1,399,000	0.6	575,000	0.6	167.0	35.1	122.0	197.7
Furniture and refrigerators.....	36	582	0.8	1,389,000	0.6	787,000	0.8	122.2	51.3	142.2	41.0
Marble and stone work.....	38	473	0.7	1,022,000	0.5	753,000	0.7	144.5	81.7	135.3	89.3
Leather goods.....	34	160	0.2	1,012,000	0.5	410,000	0.4	-----	-----	-----	-----
Awnings, tents, and sails.....	19	121	0.2	828,000	0.4	266,000	0.3	243.6	19.3	160.8	21.4
Carriages and wagons and materials.....	37	241	0.3	720,000	0.3	401,000	0.4	49.4	70.3	36.4	69.9
Mattresses and spring beds.....	12	166	0.2	718,000	0.3	281,000	0.3	166.9	77.0	65.3	120.8
Food preparations.....	30	121	0.2	695,000	0.3	323,000	0.3	802.6	-----	509.4	-----
Tobacco manufactures.....	114	305	0.4	681,000	0.3	441,000	0.4	12.7	105.4	10.7	126.3
Clothing, men's, including shirts.....	10	299	0.4	617,000	0.3	248,000	0.3	134.6	-----	113.8	-----
Ice, manufactured.....	25	163	0.2	558,000	0.3	417,000	0.4	120.6	133.7	100.4	132.2
Pottery, terra-cotta, and fire-clay products.....	8	289	0.4	523,000	0.2	411,000	0.4	25.7	165.0	30.3	130.5
Lime.....	12	188	0.3	376,000	0.2	267,000	0.3	12.2	-----	44.3	-----
Artificial stone.....	41	105	0.2	325,000	0.1	203,000	0.2	-----	-----	-----	-----
Fur goods.....	15	71	0.1	316,000	0.1	172,000	0.2	139.4	71.4	117.7	62.7
Paint and varnish.....	5	57	0.1	282,000	0.1	128,000	0.1	69.9	186.2	73.0	174.1
Cooperage and wooden goods, not elsewhere specified.....	8	97	0.1	273,000	0.1	139,000	0.1	-----	-----	-----	-----
Patent medicines and compounds and druggists' preparations.....	18	38	0.1	258,000	0.1	152,000	0.1	160.6	62.3	145.2	29.2
All other industries.....	414	5,085	7.4	27,416,000	12.4	8,736,000	8.5	-----	-----	-----	-----

¹ Percentages are based on figures in Table I; a minus sign (-) denotes decrease. Where the percentages are omitted, comparable figures can not be given.

Although a few industries predominate greatly in importance, it will be seen from Table II, page 672, that there is, on the whole, considerable diversity in the manufacturing activities of the state. The most important industries listed in the preceding table, in which they are arranged in the order of the value of products, call for brief consideration.

Lumber and timber products.—Although 17 states surpassed it in the number of active mills, Washington occupied first place among the states in the quantity of rough lumber produced in 1909, when it reported 8.7 per cent of the total output of lumber for all states and territories; in 1899 the state stood sixth in this respect. This industry embraces logging operations, sawmills, shingle mills, planing mills, and establishments engaged in the manufacture of wooden packing boxes. It does not include mills engaged exclusively in custom sawing for local consumption, statistics for which are given on page 667. In 1909 the establishments in the lumber and timber industry gave employment to an average of 43,749 wage earners, or nearly two-thirds of the total number in all manufacturing industries in the state, and reported products valued at \$89,155,000, or 40.4 per cent of the state total.

Flour-mill and gristmill products.—This classification includes statistics for all mills manufacturing flour, meal, hominy and grits, feed, and offal, but it does not include statistics for factories making fancy cereals or other food preparations as a chief product. In 1909 products valued at \$17,853,000 were reported, and employment was given to an average of 644 wage earners. While from 1904 to 1909 there was an increase of 21.7 per cent in the value of products, the rate of increase was not as large as it was during the earlier five-year period, when it was 116.5 per cent. The data for custom gristmills are not included in the general statistics for the state, but are given separately on page 667.

Slaughtering and meat packing.—This classification includes the wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage only, but not the numerous retail butcher shops which slaughter a large number of animals. From 1904 to 1909 the value of products increased 150.4 per cent, and from 1899 to 1904 the increase was 27.8 per cent. The industry is confined largely to the cities of Seattle, Tacoma, and Spokane.

Canning and preserving.—This industry covers the canning of fruits and vegetables, fish, oysters, clams, etc., the packing of dried fruits by packing houses which make a specialty of such business, the preparation of pickled, smoked, and salted fish, and the manufacture of pickles, preserves, jellies, sauces, etc. It does not include the drying and packing of fruits by the grower on the farm, nor does it include the canning of meats, soups, and similar products in meat-packing

establishments, the statistics for which are included with those for the slaughtering and meat-packing industry. This industry experienced a decrease of 28.9 per cent in value of products from 1899 to 1904. In the following five years, however, there was a rapid growth, the number of establishments increasing from 61 to 80, the average number of wage earners from 689 to 2,029, and the value of products from \$3,617,000 to \$9,595,000, or 165.3 per cent.

Printing and publishing.—All establishments engaged in bookbinding and blank-book making, steel and copper plate engraving, including plate printing, lithographing, job printing, and the printing and publishing of books, newspapers and periodicals, and music are included in this classification. In 1909 printing and publishing was the second industry in the state in number of establishments and in value added by manufacture, third in the average number of wage earners, and fifth in value of products.

Foundry and machine-shop products.—A great diversity of products is included under this heading, which embraces not only foundries and machine shops, but also establishments engaged primarily in the manufacture of hardware, plumbers' supplies, steam fittings, and structural ironwork. The industry was really of greater importance in the state than is indicated by the statistics, as some machine shops manufactured a distinctive product and were assigned to other classifications. Among the most important products of this industry in 1909 were milling machinery, logging and mining equipment, and marine machinery and ship parts.

Butter, cheese, and condensed milk.—This industry includes butter factories, cheese factories, and condensed-milk factories. In 1909 the state was third in the production of condensed milk, fifteenth in the output of cheese, and thirteenth in the output of butter. The industry gave employment to an average of 735 wage earners and reported products valued at \$7,271,000, an increase of \$4,278,000, or 142.9 per cent, over the figures for 1904.

Liquors, malt.—In 1909, as in 1904, there were 31 breweries in the state. The average number of wage earners employed increased during this period from 476 to 765. In value of products and in value added by manufacture there were increases of 54.4 per cent and 33.9 per cent, respectively, from 1904 to 1909. The corresponding increases for the previous five-year period were 263.3 per cent and 272.6 per cent, respectively.

Measured by value added by manufacture, the rank of these leading industries is somewhat different from their order when measured by value of products. The lumber and the canning and preserving industries remain in first and fourth places, respectively; the flour-mill and gristmill products industry drops from second to sixth; slaughtering and meat packing from third to tenth; and the butter, cheese,

and condensed-milk industry from seventh to eleventh place. Printing and publishing advances from fifth to second place, and the malt-liquor industry from eighth to third. The railroad repair shop, bakery, and brick and tile industries each advance two places—from ninth, tenth, and eleventh, to seventh, eighth, and ninth, respectively.

This table also shows the percentages of increase for these leading industries in respect to value of products and value added by manufacture where comparative statistics can be given. The manufacture of artificial stone showed the greatest rate of increase, the value of products in 1909 being twenty-five times the value reported in 1904. The manufacture of brick and tile; awnings, tents, and sails; and food preparations each shows an increase of over 200 per cent from 1904 to 1909, and 14 other industries presented in the table show increases of over 100 per cent.

None of the industries decreased in value of products or value added by manufacture during the period 1904-1909, but the canning and preserving industry decreased in both items from 1899 to 1904.

In addition to the 32 industries presented separately in the preceding table, there are 12 other industries which in 1909 had a value of products in excess of \$500,000. They are included under the head of "All other industries" in the table, because in some cases the operations of individual establishments would be disclosed if they were shown separately; in others, because the returns do not present properly the true condition of the industry, for the reason that it is more or less interwoven with one or more other industries; and in still others, because comparable statistics for the different census years can not be presented on account of changes in classification. These industries are as follows: Bags, other than paper; boots and shoes, including cut stock and findings; cars and general shop construction and repairs by street-railroad companies; cement; jewelry; paper and wood pulp; shipbuilding, including boat building; smelting and refining, copper; smelting and refining, lead; wirework, including wire rope and cable; wood preserving; and wool pulling. Statistics, however, for the street-railroad repair shops and shipbuilding industries are given in Table II, page 672, for 1909.

Persons engaged in manufacturing industries.—The next table shows, for 1909, the distribution of the number of persons engaged in manufactures, the average number of wage earners being distributed by sex and age. It should be borne in mind, however, that the sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the Introduction.

The average number of persons engaged in manufactures during 1909 was 80,118, of whom 69,120 were wage earners. Of the remainder, 6,314 were proprietors and officials and 4,684 were clerks. Correspond-

ing figures for individual industries will be found in Table II, page 672.

CLASS.	PERSONS ENGAGED IN MANUFACTURES.		
	Total.	Male.	Female.
All classes.....	80,118	76,342	3,776
Proprietors and officials.....	6,314	6,201	113
Proprietors and firm members.....	3,264	3,178	86
Salaried officers of corporations.....	1,094	1,078	16
Superintendents and managers.....	1,956	1,945	11
Clerks.....	4,684	3,880	804
Wage earners (average number).....	69,120	66,261	2,859
16 years of age and over.....	68,854	66,042	2,812
Under 16 years of age.....	260	219	47

The following table shows, for 1909, the percentages of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and 14 important industries individually.

INDUSTRY.	PERSONS ENGAGED IN MANUFACTURES.			
	Total number.	Per cent of total.		
		Proprietors and officials.	Clerks.	Wage earners (average number).
All industries.....	80,118	7.9	5.8	86.3
Bread and other bakery products.....	1,514	26.7	0.3	64.0
Brick and tile.....	1,447	8.1	2.1	89.8
Butter, cheese, and condensed milk.....	978	11.6	13.3	75.2
Canning and preserving.....	2,284	5.5	5.7	88.8
Cars and general shop construction and repairs by steam-railroad companies.....	2,880	2.5	3.2	94.3
Confectionery.....	780	10.8	10.8	78.5
Copper, tin, and sheet-iron products.....	750	18.1	4.1	77.7
Flour-mill and gristmill products.....	973	15.4	13.4	66.2
Foundry and machine-shop products.....	2,961	10.7	6.9	82.4
Gas, illuminating and heating.....	675	4.9	26.2	68.0
Liquors, malt.....	978	7.8	14.0	78.2
Lumber and timber products.....	47,447	5.1	2.7	92.2
Printing and publishing.....	4,588	17.2	25.6	57.3
Slaughtering and meat packing.....	971	3.9	10.8	85.3
All other industries.....	10,897	13.2	7.3	79.5

Of the total number of persons engaged in all manufacturing industries, 7.9 per cent were proprietors and officials, 5.8 per cent clerks, and 86.3 per cent wage earners. In the bakery industry, in the manufacture of copper, tin, and sheet-iron products, and in printing and publishing the majority of the establishments are small and the work is done to a large extent by the proprietors or their immediate representatives, so that the proportion of persons engaged in these industries falling into the class of proprietors and officials is higher than for most other industries or for all industries combined. The steam-railroad repair shops show the smallest percentage of proprietors and officials, chiefly on account of the large size of the establishments.

The following table shows, for 1909, in percentages, for all industries combined, the distribution of the average number of wage earners by age periods and of those 16 years of age and over by sex, calculated in the manner described in the Introduction. It also shows, for some of the important industries separately,

a similar distribution of wage earners as reported for December 15, or the nearest representative day. As a means of judging the importance of the several industries, the average number employed for the year is also given in each case.

INDUSTRY.	WAGE EARNERS.			
	Average number. ¹	Per cent of total.		
		16 years of age and over.		Under 16 years of age.
		Male.	Female.	
All industries.....	69,120	95.5	4.1	0.4
Bread and other bakery products.....	909	70.4	28.9	0.7
Brick and tile.....	1,300	99.5	0.3	0.2
Butter, cheese, and condensed milk.....	735	84.4	15.0	0.7
Canning and preserving.....	2,029	75.1	23.5	1.4
Cars and general shop construction and repairs by steam-railroad companies.....	2,716	100.0		
Confectionery.....	612	33.7	66.0	0.3
Copper, tin, and sheet-iron products.....	583	98.6	1.2	0.2
Flour-mill and gristmill products.....	644	98.9	1.1	
Foundry and machine-shop products.....	2,439	99.8	(?)	0.2
Gas, illuminating and heating.....	465	100.0		
Liquors, malt.....	765	99.3	0.7	
Lumber and timber products.....	43,749	99.5	0.4	0.1
Printing and publishing.....	2,624	81.8	13.3	5.0
Slaughtering and meat packing.....	828	97.5	2.5	
All other industries.....	8,662	88.2	11.3	0.5

¹ For method of estimating the distribution, by sex and age periods, of the average number in all industries combined, see Introduction.
² Less than one-tenth of 1 per cent.

In all industries combined, 95.5 per cent of the average number of wage earners were males 16 years of age and over; 4.1 per cent, females 16 years of age and over; and but four-tenths of 1 per cent, children under the age of 16. The confectionery, bakery, and canning and preserving industries employed the largest proportions of women, 66 per cent, 28.9 per cent, and 23.5 per cent, respectively; while the proportion of children was greatest in the printing and publishing and in the canning and preserving industries.

In order to compare the distribution of persons engaged in manufactures in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See Introduction.) The following table makes this comparison according to occupational status:

CLASS.	PERSONS ENGAGED IN MANUFACTURES.				Per cent of increase, 1904-1909.
	1909		1904		
	Number.	Percent distribution.	Number.	Percent distribution.	
Total.....	80,118	100.0	51,459	100.0	55.7
Proprietors and firm members.....	3,264	4.1	2,602	5.1	25.4
Salaried employees.....	7,734	9.7	3,658	7.1	111.4
Wage earners (average number).....	69,120	86.3	45,199	87.8	52.9

Comparable figures are not obtainable for 1899. The table shows a greater percentage of increase in the salaried employees than in either of the other two classes.

The following table shows the average number of wage earners distributed according to age periods, and in the case of those 16 years of age and over

according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual number reported for a single representative day. (See Introduction.)

CLASS.	AVERAGE NUMBER OF WAGE EARNERS.					
	1909		1904		1899	
	Number.	Percent distribution.	Number.	Percent distribution.	Number.	Percent distribution.
Total.....	69,120	100.0	45,199	100.0	31,523	100.0
16 years of age and over.....	68,854	99.6	45,086	99.7	31,272	99.2
Male.....	66,042	95.5	43,782	96.9	30,641	97.2
Female.....	2,812	4.1	1,304	2.9	631	2.0
Under 16 years of age.....	266	0.4	113	0.2	251	0.8

This table indicates that during the last 10 years, for all industries combined, there has been a slight decrease in the proportion of male wage earners 16 years of age and over and a decided increase in the proportion of female wage earners 16 years of age and over employed. While the number of children under 16 years of age employed in 1909 was slightly larger than that reported in 1899, they constituted only four-tenths of 1 per cent of the total number in 1909 as compared with eight-tenths of 1 per cent in 1899. In 1909 males 16 years of age and over formed 95.5 per cent of all wage earners, as compared with 96.9 per cent in 1904 and 97.2 per cent in 1899.

Wage earners employed, by months.—The next table gives the number of wage earners employed on the 15th of each month during the year 1909 for all industries combined, for the canning and preserving industry, for the lumber and timber-products industry (the number employed in the mills and in logging operations being shown separately), and for all other industries combined; it gives also the percentage which the number reported for each month is of the greatest number reported for any month. In Table II, page 672, are shown, for most of the important industries of the state, the largest number and also the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month.

The fluctuations in the average number of wage earners employed in all industries followed closely the changes in the lumber industry, which in each month of the year gave employment to more than one-half of the total number of wage earners reported for all industries. Of the total number of wage earners reported for this industry, approximately two-thirds were employed in the mills and one-third in logging operations. The greatest monthly variation occurred in the mills, 31,773 wage earners being employed in October, the month of maximum employment, and 22,163, or 69.8 per cent of the maximum, in January, the month of minimum employment. April was the month of greatest activity in logging operations. The number employed in the canning

and preserving industry was not sufficiently large to have much influence on the total number reported for the state. The number of wage earners employed ranged from 483 in January to 3,972 in August. Other

seasonal industries, such as the beet-sugar industry, employed too small a number of wage earners to affect to any appreciable extent the general movement of employment in the state.

MONTH.	WAGE EARNERS.											
	All industries.		Canning and preserving.		Lumber and timber products.						All other industries.	
					Total.		In mills.		In logging operations.			
	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.	Number.	Per cent of maximum.
January.....	54,719	74.0	483	12.2	33,411	70.9	22,168	69.8	11,243	72.0	20,825	85.5
February.....	60,410	81.7	648	16.3	38,200	81.0	25,164	79.2	13,036	83.5	21,571	88.0
March.....	66,778	90.3	1,015	25.6	43,048	92.6	28,474	89.6	15,174	97.2	22,115	90.8
April.....	71,091	96.1	1,882	47.4	46,236	98.1	30,627	96.4	15,609	100.0	22,978	94.8
May.....	72,717	98.3	2,233	56.2	46,770	99.2	31,480	98.9	15,340	98.3	23,714	97.3
June.....	72,159	97.6	2,291	57.7	45,695	98.9	30,930	97.3	14,765	94.6	24,173	90.2
July.....	70,744	95.7	3,725	93.8	43,062	91.4	30,340	95.5	12,722	81.5	23,957	98.3
August.....	72,990	98.7	3,972	100.0	45,145	95.8	31,378	98.8	13,767	88.2	23,873	98.0
September.....	73,617	99.6	2,926	73.7	46,741	99.2	31,660	99.0	15,081	96.6	23,950	98.3
October.....	73,949	100.0	2,496	62.8	47,133	100.0	31,773	100.0	15,360	98.4	24,320	90.8
November.....	72,614	98.2	1,772	44.6	46,573	98.8	31,213	98.2	15,800	98.4	24,269	99.6
December.....	67,645	91.5	917	23.1	42,368	89.9	28,882	90.9	13,486	86.4	24,360	100.0

Prevailing hours of labor.—In the following table wage earners have been classified according to the hours of labor prevailing in the establishments in which they are employed. In making this classification the average number of wage earners employed

during the year is used, and the number employed in each establishment is classified as a total according to the hours prevailing in that establishment, even though a few employees work a greater or less number of hours.

INDUSTRY.	AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK.								
	Total.	48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	89,120	5,677	1,725	7,986	1,619	48,781	2,653	270	409
Artificial stone.....	105	47	4	30	3	21			
Awnings, tents, and sails.....	121	37	22	62					
Bread and other bakery products.....	969	22	150	341	42	364	16	21	13
Brick and tile.....	1,300	5		109	12	674	500		
Butter, cheese, and condensed milk.....	735	31		87	16	181	415	3	2
Canning and preserving.....	2,029	101		24	58	1,359	469	18	
Carrages and wagons and materials.....	241	8	4	212		17			
Cars and general shop construction and repairs by steam-railroad companies.....	2,716		574	1,419	23	601	99		
Clothing, men's, including shirts.....	269	255	10			4			
Coffee and spice, roasting and grinding.....	131	64	36	12	12	7			
Confectionery.....	612	34	22				3		1
Copperage and wooden goods, not elsewhere specified.....	97	1	50		221	124			
Copper, tin, and sheet-iron products.....	583	470	7	43	43	20			
Flour-mill and gristmill products.....	644	45		45	17	333	27	177	
Food preparations.....	121	26	3	14	37	29	12		
Foundry and machine-shop products.....	2,439	332	58	1,984	9	47	9		
Fur goods.....	71	14	4	63					
Furniture and refrigerators.....	582	103	14	88		377			
Gas, illuminating and heating.....	465		2		99	267	84	13	
Ice, manufactured.....	163	15		8	55	24	37	6	18
Leather goods.....	160	13		111	13	20	3		
Lime.....	188	1		1	1	167	16	3	
Liquors, malt.....	765	613	67	58	9	16			
Lumber and timber products.....	43,749	113	32	988	313	42,102	137		64
Marble and stone work.....	473	259	15	149		50			
Mattresses and spring beds.....	160		2	3	18	143			
Paint and varnish.....	57			5	36	16			
Pottery, terra-cotta, and fire-clay products.....	289			78		211			
Printing and publishing.....	2,624	1,878	294	324	37	86	2	3	
Slaughtering and meat packing.....	828	16		31		776	5		
Tobacco manufactures.....	305	262	36	3		4			
All other industries.....	5,123	913	319	1,497	545	695	817	26	311

It is evident from these figures that for 70.6 per cent of the wage earners employed in the manufacturing industries of Washington the prevailing hours of labor were 60 a week. This large percentage is explained by the general prevalence of 60 hours per week in the predominant lumber industry. In the steam-railroad re-

pair shops and the foundries and machine shops, the greater part of the wage earners were in establishments where 54 hours a week prevailed. In the manufacture of copper, tin, and sheet-iron products, and in the brewery, marble and stone work, printing and publishing, and a number of less important industries, the majority

of the wage earners were employed 48 hours or less per week, while in the butter, cheese, and condensed-milk industry the majority were employed in factories operating between 60 and 72 hours per week.

Location of establishments.—The following table shows the extent to which the manufactures of Wash-

ington are centralized in cities of 10,000 population or over. (See Introduction.) The comparison is confined here, as in other states, to the years 1899 and 1909, in the absence of a Federal census of population by which the grouping of cities in 1904 could be determined.

ITEM.	Year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 AND OVER.								DISTRICTS OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 AND OVER.	
			Total.		10,000 to 25,000.		25,000 to 100,000.		100,000 and over.		Number or amount.	Per cent of total.
			Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.	Number or amount.	Per cent of total.		
Population.....	1910 1900	1,141,990 518,103	521,557 176,344	45.7 34.0	96,218 21,111	8.4 4.1	83,743 155,233	7.3 30.0	341,596	29.9	620,433 341,759	54.3 66.0
Number of establishments.....	1909 1899	3,074 1,926	1,630 691	44.4 35.9	317 81	8.6 4.2	276 610	7.5 31.7	1,037	28.2	2,044 1,235	55.6 64.1
Average number of wage earners..	1909 1899	69,120 31,523	27,525 10,767	39.8 34.2	6,440 1,715	9.3 5.4	5,765 9,052	8.3 28.7	15,320	22.2	41,595 20,756	60.2 65.8
Value of products.....	1909 1899	\$220,746,421 70,831,345	\$112,003,902 32,973,483	50.7 46.6	\$20,105,134 3,593,480	9.1 5.1	\$22,449,979 29,380,003	10.2 41.5	\$69,448,789	31.5	\$108,742,519 37,857,892	49.3 53.4
Value added by manufacture.....	1909 1899	102,858,733 32,554,401	48,572,236 13,561,487	47.2 41.7	9,317,029 1,419,116	9.1 4.4	8,733,843 12,142,371	8.5 37.3	30,521,364	29.7	54,286,497 18,992,914	52.8 58.3

In 1909, 50.7 per cent of the total value of products was reported from cities having over 10,000 inhabitants in 1910 and 39.8 per cent of the average number of wage earners were employed in such cities, as compared with corresponding percentages of 46.6 and 34.2 in 1899. The increase in the relative industrial importance of this class of cities has, however, been somewhat less than the increase in their proportion of the total population. The large percentages of the various totals for manufacturing industries reported from the districts outside such cities are mainly the result of the development of the lumber, canning, and dairy-products industries, which are carried on chiefly in rural territory.

In 1910 the group of cities having between 10,000 and 25,000 inhabitants comprised Everett, Bellingham, Walla Walla, North Yakima, and Aberdeen. Tacoma was the only city having between 25,000 and 100,000 inhabitants, and Seattle and Spokane the only ones having over 100,000 inhabitants.

As a result of the large increases in the population of the various cities, the composition of the different groups shown in the table has changed considerably during the last decade. In 1900 Seattle and Spokane had less than 100,000 inhabitants, so that for 1899 they are included with Tacoma in the group of cities having between 25,000 and 100,000 inhabitants. Aberdeen, Everett, and North Yakima had less than 10,000 inhabitants in 1900, and hence for 1899 were included in the district outside of cities having a population of 10,000 or over. The statistics for cities of over 10,000 inhabitants for 1899 include those for the towns of Fairhaven and New Whatcom, with a combined population of 11,062 in 1900, which in 1903 were united and incorporated as the city of Bellingham.

The group of cities having between 10,000 and 25,000 inhabitants, to which three cities have been added since 1900, shows an increase in its percentage of the

total for every item in 1909, as compared with 1899, and the group comprising cities having between 25,000 and 100,000 inhabitants, which lost two cities during the decade, shows a decrease for every item. The class of cities having over 100,000 inhabitants is shown for the first time for 1909. Of the total value of products reported for the state in 1909, 9.1 per cent was reported from the five cities having between 10,000 and 25,000 inhabitants, 10.2 per cent from Tacoma, and 31.5 per cent from Seattle and Spokane.

The population, for 1910 and 1900, of the eight cities which had 10,000 inhabitants or more in 1910 is given in the following statement:

CITY.	1910	1900
Seattle.....	237,194	80,671
Spokane.....	104,402	36,848
Tacoma.....	83,743	37,714
Everett.....	24,814	7,838
Bellingham.....	24,293	11,062
Walla Walla.....	19,804	10,049
North Yakima.....	14,082	3,154
Aberdeen.....	13,660	3,747

The relative importance in manufactures of the eight cities of 10,000 inhabitants or more in 1910 is shown in the following table, in which the value of products and average number of wage earners are shown separately, so far as available, for 1909, 1904, and 1899:

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1909	1904	1899	1909	1904	1899
Seattle.....	11,331	6,390	4,440	\$50,569,198	\$25,406,574	\$15,322,531
Tacoma.....	5,765	4,457	3,552	22,449,979	14,263,818	10,301,353
Spokane.....	3,989	2,428	1,060	18,879,591	8,830,852	3,756,119
Everett.....	2,375	(¹)	(¹)	7,423,087	(¹)	(¹)
Bellingham ²	1,566	1,314	1,502	4,599,637	3,293,988	2,629,046
Aberdeen.....	1,509	(¹)	(¹)	3,590,230	(¹)	(¹)
Walla Walla.....	388	242	213	2,316,813	1,485,791	964,434
North Yakima.....	602	(¹)	(¹)	2,175,367	(¹)	(¹)

¹ Figures not available.

² Not incorporated as Bellingham until 1903. Same area represented by towns of Fairhaven and New Whatcom in 1900.

Each of the five cities for which comparative statistics are given shows an increase in value of products and in average number of wage earners employed for both five-year periods, except that Bellingham shows a decrease in average number of wage earners for the period 1899-1904. The percentages of increase in value of products were on the whole slightly greater from 1904 to 1909 than from 1899 to 1904. The greatest relative gain in this respect for the period 1904-1909, 113.8 per cent, was made by Spokane, which shows a marked growth in practically all industries. The next largest increase, 99 per cent, was made by Seattle, which shows increased activity, especially in the lumber, slaughtering, printing, and foundry and machine-shop industries. In the average number of wage earners, Seattle shows the greatest percentage of increase for the period 1904-1909, namely, 77.3 per cent, and Spokane the next largest, 64.3 per cent. Tacoma

shows an increase of 57.4 per cent in value of products and 29.3 per cent in average number of wage earners for the same period, while Walla Walla shows increases of 55.9 per cent and 60.3 per cent, respectively, in these items. The lumber industry leads in importance in all of the cities of the state except Walla Walla, where the flour-mill and gristmill industry predominates.

Character of ownership.—The table that follows has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. For all industries combined, comparative figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually. In order to avoid disclosing the operations of individual concerns it is necessary to omit several important industries from this table and the one following.

INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND CHARACTER OF OWNERSHIP.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:									
1909	3, 674	69, 120	\$220, 746, 421	\$102, 858, 733	Canning and preserving, 1909—Continued.				
1904	2, 751	45, 199	128, 821, 667	62, 655, 502	Per cent of total.....	100.0	100.0	100.0	100.0
Individual:					Individual.....	21.2	8.4	7.0	6.6
1909	1, 445	6, 814	20, 580, 962	11, 658, 583	Firm.....	6.2	1.9	4.2	5.2
1904	1, 184	6, 032	13, 651, 438	8, 055, 890	Corporation ¹	72.5	89.7	88.8	88.2
Firm:					Flour-mill and gristmill products, 1909.....				
1909	752	5, 100	14, 250, 336	8, 252, 151	Individual.....	6	644	\$17, 852, 044	\$2, 378, 848
1904	617	5, 020	11, 655, 995	6, 704, 879	Individual.....	24	38	720, 109	94, 880
Corporation:					Firm.....	18	53	879, 987	167, 801
1909	1, 444	57, 107	185, 171, 875	82, 803, 534	Corporation ¹	54	553	16, 252, 788	2, 116, 157
1904	926	34, 107	103, 215, 832	47, 796, 352	Per cent of total.....	100.0	100.0	100.0	100.0
Other:					Individual.....	25.0	5.9	4.0	4.0
1909	33	60	743, 248	144, 405	Firm.....	18.7	8.2	4.9	7.1
1904	24	40	298, 362	98, 381	Corporation ¹	56.2	85.9	91.0	89.0
Per cent of total:					Foundry and machine-shop products, 1909.....				
1909	100.0	100.0	100.0	100.0	Individual.....	178	2, 439	\$7, 987, 931	\$4, 263, 909
1904	100.0	100.0	100.0	100.0	Individual.....	62	238	608, 032	390, 920
Individual:					Firm.....	37	183	629, 196	356, 987
1909	39.3	9.9	9.3	11.3	Corporation.....	79	2, 013	6, 750, 053	3, 509, 996
1904	43.0	13.2	10.0	12.9	Per cent of total.....	100.0	100.0	100.0	100.0
Firm:					Individual.....	34.8	9.8	7.6	9.3
1909	20.5	7.4	6.5	8.0	Firm.....	20.8	7.7	7.9	8.4
1904	22.4	11.1	9.0	10.7	Corporation.....	44.4	82.5	84.5	82.3
Corporation:					Lumber and timber products, 1909.....				
1909	39.3	82.6	83.9	80.5	Individual.....	1, 263	43, 749	\$89, 154, 820	\$52, 275, 954
1904	33.7	75.5	80.1	76.3	Individual.....	322	3, 273	6, 290, 252	4, 078, 616
Other:					Firm.....	284	3, 190	6, 068, 031	3, 065, 768
1909	0.9	0.1	0.3	0.1	Corporation.....	657	37, 286	76, 796, 537	44, 231, 672
1904	0.9	0.1	0.2	0.2	Per cent of total.....	100.0	100.0	100.0	100.0
Butter, cheese, and condensed milk, 1909.....					Individual.....	25.5	7.5	7.1	7.8
Individual.....	97	735	\$7, 271, 047	\$1, 594, 856	Firm.....	22.5	7.3	6.8	7.0
Individual.....	27	58	787, 342	114, 457	Corporation.....	52.0	85.2	80.1	84.0
Firm.....	12	26	510, 173	78, 418	Printing and publishing, 1909.....				
Corporation.....	40	616	5, 333, 026	1, 333, 694	Individual.....	506	2, 624	\$9, 286, 188	\$7, 062, 598
Other.....	18	35	640, 506	67, 992	Individual.....	315	852	8, 335, 207	2, 538, 270
Per cent of total.....	100.0	100.0	100.0	100.0	Firm.....	72	233	1, 017, 854	875, 307
Individual.....	27.8	7.9	10.8	7.2	Corporation.....	107	1, 498	4, 833, 678	3, 005, 131
Firm.....	12.4	3.5	7.0	4.9	Other.....	12	11	49, 449	43, 390
Firm.....	41.2	83.8	73.3	83.6	Per cent of total.....	100.0	100.0	100.0	100.0
Corporation.....	18.6	4.8	8.8	4.3	Individual.....	62.3	33.6	35.9	35.9
Canning and preserving, 1909.....					Firm.....	14.2	8.9	11.0	12.4
Individual.....	80	2, 029	\$9, 595, 387	\$4, 549, 884	Corporation.....	21.1	57.1	52.6	51.0
Individual.....	17	170	672, 497	209, 578	Other.....	2.4	0.4	0.5	0.6
Firm.....	5	38	404, 571	238, 370					
Corporation ¹	58	1, 821	8, 518, 319	4, 011, 921					

¹ Includes the group "Other," to avoid disclosure of individual operations.

The most important distinction shown is that between corporate and all other forms of ownership. For all industries combined, 39.3 per cent of the total number of establishments were in 1909 under corporate ownership, as compared with 60.7 per cent under all other forms. The corresponding figures for 1904 were 33.7 per cent and 66.3 per cent, respectively. The

establishments operated by corporations, however, reported 83.9 per cent of the total value of products in 1909, as against 16.1 per cent for those under all other forms of ownership, while in 1904 the corresponding figures were 80.1 per cent and 19.9 per cent, respectively. Establishments operated by individuals show the greatest decrease in relative nu-

merical importance from 1904 to 1909, while those operated by firms show the greatest decrease in relative importance as measured by value of products.

Size of establishment.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it the following table groups the es-

tablishments according to the value of their products. The table also shows the average size of establishments for all industries combined and for certain important industries separately as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for the industries presented separately figures are given for 1909 only.

INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.	INDUSTRY AND VALUE OF PRODUCTS.	Number of establishments.	Average number of wage earners.	Value of products.	Value added by manufacture.
ALL INDUSTRIES:									
1909.....	3,674	69,120	\$220,746,421	\$102,858,733	Flour-mill and gristmill products, 1909.....	96	644	\$17,852,944	\$2,378,848
1904.....	2,751	45,199	128,821,687	62,655,502	Less than \$5,000.....	3	1	7,040	1,475
Less than \$5,000:					\$5,000 and less than \$20,000.....	24	24	294,065	55,148
1909.....	902	903	2,397,468	1,639,474	\$20,000 and less than \$100,000.....	33	90	1,529,688	260,368
1904.....	765	895	1,962,006	1,353,090	\$100,000 and less than \$1,000,000.....	32	390	10,630,124	1,503,703
\$5,000 and less than \$20,000:					\$1,000,000 and over.....	4	139	5,392,027	558,154
1909.....	1,276	5,918	13,824,059	8,598,987	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	977	5,234	10,749,983	6,942,196	Less than \$5,000.....	3.1	0.2	(²)	0.1
\$20,000 and less than \$100,000:					Less than \$5,000 and less than \$20,000.....	25.0	3.7	1.6	2.3
1909.....	1,073	18,671	47,224,421	26,287,103	\$20,000 and less than \$100,000.....	34.4	14.0	8.6	10.9
1904.....	758	14,562	32,987,702	19,105,365	\$100,000 and less than \$1,000,000.....	33.3	60.8	59.5	63.2
\$100,000 and less than \$1,000,000:					\$1,000,000 and over.....	4.2	21.0	30.2	23.5
1909.....	403	37,553	114,920,746	55,916,259	Average per establishment.....	7		\$185,968	\$24,780
1904.....	238	20,411	55,150,426	27,624,134	Foundry and machine-shop products, 1909.....	178	2,439	\$7,987,931	\$4,263,909
\$1,000,000 and over:					Less than \$5,000.....	42	52	128,740	80,426
1909.....	20	6,015	42,379,727	10,416,910	\$5,000 and less than \$20,000.....	60	230	625,964	387,864
1904.....	13	4,097	28,001,570	7,630,717	\$20,000 and less than \$100,000.....	64	921	2,628,959	1,524,797
Per cent of total:					\$100,000 and less than \$1,000,000.....	12	1,236	4,608,247	2,204,822
1909.....	100.0	100.0	100.0	100.0	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	23.6	2.1	1.6	2.0
Less than \$5,000:					\$5,000 and less than \$20,000.....	33.7	9.4	7.8	9.1
1909.....	24.6	1.4	1.1	1.6	\$20,000 and less than \$100,000.....	36.0	37.8	32.9	35.8
1904.....	27.8	2.0	1.5	2.2	\$100,000 and less than \$1,000,000.....	6.7	50.7	57.7	53.1
\$5,000 and less than \$20,000:					Average per establishment.....	14		\$44,876	\$23,955
1909.....	34.7	8.6	6.3	8.4	Lumber and timber products, 1909.....	1,283	43,749	\$89,154,820	\$58,275,954
1904.....	35.5	11.6	8.3	11.1	Less than \$5,000.....	161	323	437,394	322,212
\$20,000 and less than \$100,000:					\$5,000 and less than \$20,000.....	390	2,344	4,585,074	3,074,419
1909.....	29.2	27.0	21.4	25.0	\$20,000 and less than \$100,000.....	605	11,998	22,997,212	14,473,202
1904.....	27.6	32.2	25.6	30.5	\$100,000 and less than \$1,000,000.....	204	26,884	57,507,240	32,694,687
\$100,000 and less than \$1,000,000:					\$1,000,000 and over.....	3	1,700	3,617,090	1,711,184
1909.....	11.0	54.3	52.1	54.4	Per cent of total.....	100.0	100.0	100.0	100.0
1904.....	8.7	45.2	42.8	44.1	Less than \$5,000.....	12.7	0.7	0.5	0.6
\$1,000,000 and over:					\$5,000 and less than \$20,000.....	30.9	6.5	5.2	5.9
1909.....	0.5	8.7	19.2	10.1	\$20,000 and less than \$100,000.....	40.0	27.4	25.8	27.7
1904.....	0.5	9.1	21.7	12.2	\$100,000 and less than \$1,000,000.....	16.2	61.4	64.5	62.5
Average per establishment:					\$1,000,000 and over.....	0.2	3.9	4.1	3.3
1909.....	19		\$60,083	\$27,996	Average per establishment.....	35		\$70,590	\$41,390
1904.....	16		46,827	22,776	Printing and publishing, 1909.....	506	2,624	\$9,286,188	\$7,062,698
Butter, cheese, and condensed milk, 1909.....	97	735	\$7,271,047	\$1,594,856	Less than \$5,000.....	242	220	647,934	512,631
Less than \$5,000.....	5	2	19,358	3,894	\$5,000 and less than \$20,000.....	200	684	1,859,002	1,440,025
\$5,000 and less than \$20,000.....	27	35	325,382	60,071	\$20,000 and less than \$100,000.....	54	885	2,200,718	1,689,976
\$20,000 and less than \$100,000.....	50	148	2,372,212	338,208	\$100,000 and less than \$1,000,000.....	10	835	4,488,484	3,411,066
\$100,000 and less than \$1,000,000.....	15	550	4,554,095	1,192,683	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	47.8	8.4	7.0	7.3
Less than \$5,000.....	5.2	0.3	0.3	0.2	\$5,000 and less than \$20,000.....	39.5	26.1	20.0	20.5
\$5,000 and less than \$20,000.....	27.8	4.8	4.5	3.2	\$20,000 and less than \$100,000.....	10.7	33.7	24.7	23.9
\$20,000 and less than \$100,000.....	51.5	20.1	32.6	21.2	\$100,000 and less than \$1,000,000.....	2.0	31.8	48.3	48.3
\$100,000 and less than \$1,000,000.....	15.5	74.8	62.6	74.8	Average per establishment.....	5		\$18,352	\$13,958
Average per establishment.....	8		\$74,959	\$16,442	Canning and preserving, 1909.....	80	2,029	\$9,595,387	\$4,549,864
Butter, cheese, and condensed milk, 1909.....	97	735	\$7,271,047	\$1,594,856	Less than \$5,000.....	8	14	21,237	11,236
Less than \$5,000.....	5	2	19,358	3,894	\$5,000 and less than \$20,000.....	15	111	165,447	92,392
\$5,000 and less than \$20,000.....	27	35	325,382	60,071	\$20,000 and less than \$100,000.....	25	334	1,064,505	458,446
\$20,000 and less than \$100,000.....	50	148	2,372,212	338,208	\$100,000 and less than \$1,000,000.....	32	1,570	8,344,198	3,987,790
\$100,000 and less than \$1,000,000.....	15	550	4,554,095	1,192,683	Per cent of total.....	100.0	100.0	100.0	100.0
Per cent of total.....	100.0	100.0	100.0	100.0	Less than \$5,000.....	10.0	0.7	0.2	0.2
Less than \$5,000.....	5.2	0.3	0.3	0.2	\$5,000 and less than \$20,000.....	18.8	5.5	1.7	2.0
\$5,000 and less than \$20,000.....	27.8	4.8	4.5	3.2	\$20,000 and less than \$100,000.....	31.2	16.5	11.1	10.1
\$20,000 and less than \$100,000.....	51.5	20.1	32.6	21.2	\$100,000 and less than \$1,000,000.....	40.0	77.4	87.0	87.6
\$100,000 and less than \$1,000,000.....	15.5	74.8	62.6	74.8	Average per establishment.....	23		\$119,942	\$56,873
Average per establishment.....	8		\$74,959	\$16,442					

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

² Less than one-tenth of 1 per cent.

This table shows that, in 1909, of the 3,674 manufacturing establishments in the state, only 20, or one-half of 1 per cent, manufactured products exceeding \$1,000,000 in value. These establishments, however, employed an average of 6,015 wage earners, or 8.7 per cent of the total number in all establishments, and reported 19.2 per cent of the total value of products and 10.1 per cent of the total value added by manufacture.

On the other hand, the very small establishments—that is, those reporting the products valued at less than \$5,000—constituted a considerable proportion (24.6 per cent) of the total number of establishments, but the value of their products amounted to only 1.1 per cent of the total. Nearly three-fourths of the total value of products was reported from establishments having a product valued at not less than \$100,000.

It will be seen from the preceding table that during the five years from 1904 to 1909 the establishments reporting products valued at \$100,000 but less than \$1,000,000 increased considerably in relative importance as measured by average number of wage earners, value of products, and value added by manufacture, while, on the other hand, all other classes decreased.

The fact that between 1904 and 1909 the average value of products per establishment increased from \$46,827 to \$60,083, and the average value added by manufacture from \$22,776 to \$27,996, can not be taken as in itself indicating a tendency toward concentration. The increased values may be, and proba-

bly are, due wholly or in part to the increase that has taken place in the prices of commodities. The average number of wage earners per establishment increased during this period from 16 to 19.

In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed. The following table shows for 1909 such a classification for all industries combined and for 14 important industries individually, and gives not only the number of establishments falling into each group but also the average number of wage earners employed.

INDUSTRY.	Total.	ESTABLISHMENTS EMPLOYING—								
		No wage earners.	1 to 5 wage earners.	6 to 20 wage earners.	21 to 50 wage earners.	51 to 100 wage earners.	101 to 250 wage earners.	251 to 500 wage earners.	501 to 1,000 wage earners.	Over 1,000 wage earners.
NUMBER OF ESTABLISHMENTS.										
All industries.....	3,674	322	1,694	1,019	334	149	123	30	2	1
Bread and other bakery products.....	298	69	196	20	2	1	1			
Brick and tile.....	88		26	20	10		2			
Butter, cheese, and condensed milk.....	97	6	73	11	3	1				
Canning and preserving.....	80	2	22	35	15	4	2			
Cars and general shop construction and repairs by steam-railroad companies.....	17		2	3	2	3	4	2		1
Confectionery.....	52	3	30	14	1	3	1			
Copper, tin, and sheet-iron products.....	81	2	49	24	6					
Flour-mill and gristmill products.....	96	5	62	23	5	1				
Foundry and machine-shop products.....	178	10	83	64	13	2	6			
Gas, illuminating and heating.....	12	1	2	5	1	2	1			
Liquors, malt.....	31	3	5	15	5	2		1		
Lumber and timber products.....	1,263	14	333	491	200	109	94	20	2	
Printing and publishing.....	506	102	312	78	11	6	2			
Slaughtering and meat packing.....	14		4	5	1	1	2	1		
All other industries.....	801	105	495	207	59	12	11	2		
AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	69,120		4,108	11,750	10,852	10,969	19,009	9,922	1,425	1,085
Bread and other bakery products.....	969		407	270	73	99	120			
Brick and tile.....	1,300		70	213	271		746			
Butter, cheese, and condensed milk.....	735		141	102	121	206				
Canning and preserving.....	2,029		70	444	484	302	729			
Cars and general shop construction and repairs by steam-railroad companies.....	2,716		7	43	77	248	575	681		1,085
Confectionery.....	612		80	144	22	262	104			
Copper, tin, and sheet-iron products.....	583		115	264	204					
Flour-mill and gristmill products.....	644		145	266	178	55				
Foundry and machine-shop products.....	2,439		199	726	391	158	965			
Gas, illuminating and heating.....	465		4	51	26	143	241			
Liquors, malt.....	765		13	186	152	134		280		
Lumber and timber products.....	43,749		1,023	5,948	6,428	7,908	14,458	6,559	1,425	
Printing and publishing.....	2,624		659	762	412	494	297			
Slaughtering and meat packing.....	828		7	69	40	61	392	259		
All other industries.....	8,662		1,168	2,262	1,973	899	1,692	668		
PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.										
All industries.....	100.0		5.9	17.0	15.7	15.9	27.5	14.4	2.1	1.6
Bread and other bakery products.....	100.0		42.0	27.9	7.5	10.2	12.4			
Brick and tile.....	100.0		5.4	16.4	20.8		57.4			
Butter, cheese, and condensed milk.....	100.0		19.2	13.9	16.5	28.0	22.4			
Canning and preserving.....	100.0		3.4	21.9	23.9	14.9	35.9			
Cars and general shop construction and repairs by steam-railroad companies.....	100.0		0.3	1.6	2.8	9.1	21.2	25.1		39.9
Confectionery.....	100.0		13.1	23.5	3.6	42.8	17.0			
Copper, tin, and sheet-iron products.....	100.0		19.7	45.3	35.0					
Flour-mill and gristmill products.....	100.0		22.5	41.3	27.6	8.5				
Foundry and machine-shop products.....	100.0		8.2	29.8	16.0	6.5	39.6			
Gas, illuminating and heating.....	100.0		0.9	11.0	5.6	30.8	51.8			
Liquors, malt.....	100.0		1.7	24.3	19.9	17.5		36.6		
Lumber and timber products.....	100.0		2.3	13.6	14.7	18.1	33.0	15.0	3.3	
Printing and publishing.....	100.0		25.1	29.0	15.7	18.8	11.3			
Slaughtering and meat packing.....	100.0		0.8	8.3	4.8	7.4	47.3	31.3		
All other industries.....	100.0		13.5	26.1	22.8	10.4	19.5	7.7		

Of the 3,674 establishments reported for all industries, 8.8 per cent employed no wage earners; 46.1 per cent, from 1 to 5; 27.7 per cent, 6 to 20; and 9.1 per cent, 21 to 50. The most numerous single group consists of the 1,694 establishments employing from

1 to 5 wage earners each, and the next of the 1,019 establishments employing from 6 to 20 wage earners each. There were 33 establishments that employed over 250 wage earners; of these, 2, both of which were lumber mills, employed between 501 and 1,000 wage

earners each, and 1, a steam-railroad repair shop, more than 1,000 wage earners.

Of the total number of wage earners, 45.5 per cent were in establishments employing over 100 wage earners each. The group having the largest number of wage earners was that comprising establishments employing from 101 to 250 each. This group employed 19,009 wage earners, or 27.5 per cent of the total.

Expenses.—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total.

The following table shows, for 1909, in percentages, the distribution of expenses among the classes indicated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II, page 672.

INDUSTRY.	PER CENT OF TOTAL EXPENSES REPORTED.			
	Salaries.	Wages.	Materials.	Miscellaneous expenses.
All industries	5.0	25.4	60.1	9.6
Bread and other bakery products.....	4.6	18.6	67.7	9.2
Brick and tile.....	7.0	47.8	39.2	5.9
Butter, cheese, and condensed milk.....	3.0	6.8	84.7	5.5
Canning and preserving.....	3.8	16.5	65.6	14.1
Cars and general shop construction and repairs by steam-railroad companies.....	3.9	42.6	53.2	0.3
Confectionery.....	7.0	15.0	60.4	11.6
Copper, tin, and sheet-iron products.....	6.2	32.0	55.4	6.5
Flour-mill and gristmill products.....	2.2	2.8	91.7	3.3
Foundry and machine-shop products.....	7.7	28.8	54.6	8.9
Gas, illuminating and heating.....	14.6	19.9	48.1	17.4
Liquors, malt.....	8.0	13.3	42.0	36.7
Lumber and timber products.....	4.5	39.1	49.5	21.8
Printing and publishing.....	20.3	28.4	29.5	21.8
Slaughtering and meat packing.....	1.0	3.8	91.7	2.9
All other industries.....	4.9	17.9	69.4	7.8

This table shows that, for all industries combined, 60.1 per cent of the total expenses was incurred for materials, 30.4 per cent for services—that is, salaries and wages—and but 9.6 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The high proportion shown for miscellaneous expenses for the brewery industry results from the fact that internal-revenue taxes are included under this head.

Engines and power.—The following table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current), and their total horsepower at the censuses of 1909, 1904, and 1899. It also shows separately the number and horsepower of electric motors, including those operated by current generated in the manufacturing establishments.

The amount of primary power used in the manufacturing industries of Washington increased 92.2 per cent from 1899 to 1904, and 77 per cent from 1904 to 1909. Of the total increase from 1899 to 1909 in primary power, 179,481 horsepower, or 85.3 per cent, was

in that generated by steam. The more general use of gas engines is shown, their number increasing from 31 in 1899 to 178 in 1909, during which time the total indicated horsepower of such engines increased from 189 to 1,494. In 1909 water power formed 2.7 per cent of the total primary horsepower. The figures show that the practice of renting power is on the increase, 10.4 per cent of the total power being rented in 1909, as against 3.1 per cent in 1899—the actual increase being 28,351 horsepower, or more than ten times the amount reported in 1899. The use of electric motors for the purpose of applying the power generated within the establishments is also increasing rapidly, the horsepower of such motors having increased from 575 in 1899 to 12,664 in 1909.

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.			PER CENT DISTRIBUTION OF HORSEPOWER.		
	1909	1904	1899 ¹	1909	1904	1899 ¹	1909	1904	1899
Primary power, total	6,149	2,257	1,628	297,897	168,342	87,601	100.0	100.0	100.0
Owned.....	3,291	2,257	1,628	266,808	155,933	84,863	89.6	92.6	96.9
Steam.....	2,957	2,038	1,441	257,230	150,312	77,749	86.3	89.3	88.8
Gas.....	178	72	31	1,494	493	189	0.5	0.3	0.2
Water wheels.....	117	103	156	7,842	4,482	6,853	2.6	2.7	7.8
Water motors.....	39	44	(²)	223	160	(²)	0.1	0.1	.....
Other.....	.....	.....	.....	19	486	72	(²)	0.3	0.1
Rented.....	2,858	(²)	(²)	31,089	12,409	2,738	10.4	7.4	3.1
Electric.....	2,858	(²)	(²)	30,951	11,650	2,562	10.4	6.9	2.9
Other.....	.....	.....	.....	138	759	176	(²)	0.4	0.2
Electric motors.	3,564	274	36	43,615	15,290	3,137	100.0	100.0	100.0
Run by current generated by establishment.....	700	274	36	12,664	3,640	575	29.0	23.8	18.3
Run by rented power.....	2,858	(²)	(²)	30,951	11,650	2,562	71.0	76.2	81.7

¹ Includes the neighborhood industries and hand trades, omitted in 1904 and 1909.
² Not reported. ³ Less than one-tenth of 1 per cent.

Fuel.—Closely related to the question of kind of power employed is that of the fuel consumed in generating this power, or otherwise used as material in the manufacturing processes. The following table shows the quantity of each kind of fuel used in 1909 for all industries combined and for certain selected industries:

INDUSTRY.	Anthracite coal (tons).	Bituminous coal (tons).	Coke (tons).	Wood (cords).	Oil, including gasoline (barrels).	Gas (1,000 feet).
All industries	6,268	417,466	47,420	220,727	674,952	90,115
Bread and other bakery products.....	258	2,059	1,043	8,973	3,667	2,267
Brick and tile.....	.....	91,806	213	62,057	402	.....
Butter, cheese, and condensed milk.....	.....	10,151	78	10,846	22,018	.....
Canning and preserving.....	4	8,726	50	14,553	1,631	2,706
Cars and general shop construction and repairs by steam-railroad companies.....	2,082	29,555	88	726	2,863	.....
Flour-mill and gristmill products.....	2	4,601	.....	6,318	3,304	.....
Foundry and machine-shop products.....	100	4,514	8,873	7,451	4,332	832
Gas, illuminating and heating.....	.....	85,907	1,372	.....	53,586	.....
Ice, manufactured.....	150	9,094	.....	11,995	10,652	.....
Liquors, malt.....	3,471	24,166	270	13,549	28,679	.....
Lumber and timber products.....	4	36,741	.....	24,714	20,832	500
Pottery, terra-cotta, and fire-clay products.....	.....	10,271	.....	7,860	16,808	.....
Printing and publishing.....	123	1,136	10	1,700	309	48,166
Slaughtering and meat packing.....	.....	11,808	.....	8,786	50	12
All other industries.....	74	86,945	35,423	41,199	500,822	35,552

NOTE.—In addition, there were 288 tons of other varieties of fuel reported.

SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom sawmills and gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, detailed information regarding the quantity and value of products and other information for securing which no provision is made on the general schedule. Certain data of this character for six important industries in Washington are here presented.

Flour-mill and gristmill products.—The fertile plateau of eastern Washington and the western slopes of the Cascades are particularly well adapted to the raising of wheat and other grains, much of which is utilized by the flour mills and gristmills of the state. The following table shows the quantities and values of the different products of the industry for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value	\$17,852,944	\$14,663,612	\$6,773,574
Wheat flour:			
White—			
Barrels.....	2,764,257	2,978,264	1,853,271
Value.....	\$12,287,736	\$10,959,241	\$4,719,707
Graham—			
Barrels.....	39,985	46,023	(1)
Value.....	\$196,965	\$195,080	(1)
Corn meal and corn flour:			
Barrels.....	6,240	7,625	10,229
Value.....	\$23,669	\$21,034	\$29,146
Rye flour:			
Barrels.....	5,500	1,115	4,069
Value.....	\$27,500	\$4,670	\$12,714
Barley meal:			
Pounds.....	517,700	7,164,000	1,478,200
Value.....	\$9,413	\$87,795	\$14,400
Hominy and grits:			
Pounds.....	4,000	27,680	(1)
Value.....	\$100	\$744	(1)
Feed:			
Tons.....	87,375	46,358	54,860
Value.....	\$2,426,940	\$1,080,480	\$1,004,735
Offal:			
Tons.....	102,045	109,362	67,869
Value.....	\$2,362,733	\$1,933,974	\$640,998
All other products.....	\$518,888	\$380,585	\$351,784

¹ Not reported separately.

The most important product of the mills, white flour, increased \$1,328,495, or 12.1 per cent, in value from 1904 to 1909, notwithstanding a decrease in quantity amounting to 214,007 barrels, or 7.2 per cent. Comparatively little corn is raised in Washington, and the corn products of the mills are therefore unimportant. There was a large increase in the quantity and value of rye flour but a decrease in the output of barley meal. Feed ranked second in value in 1909, having increased 88.5 per cent in quantity and 124.5 per cent in value from 1904 to 1909. Offal, which is principally a by-product of the manufacture of wheat flour, shows, like wheat flour, a decrease in quantity and an increase in value.

The mills of the state reported 1,038 pairs of rolls and 38 runs of stone in 1909, as compared with 875 pairs of rolls and 31 runs of stone in 1904. In 1909 six of the establishments were engaged also in the manufacture of sacks.

Slaughtering and meat packing.—The table which follows gives the quantities and values of the main products and the by-products of the industry for the three census years 1909, 1904, and 1899:

PRODUCT.	1909	1904 ¹	1899 ²
Total value	\$15,653,998	\$6,251,705	\$4,892,857
Beef, fresh:			
Pounds.....	69,288,504	33,548,474	21,418,880
Value.....	\$6,035,883	\$2,253,838	\$1,611,004
Veal, fresh:			
Pounds.....	1,949,493	761,286	939,150
Value.....	\$219,574	\$61,700	\$82,930
Mutton, fresh:			
Pounds.....	13,393,776	8,355,285	6,208,881
Value.....	\$1,361,955	\$610,336	\$479,529
Pork, fresh:			
Pounds.....	16,774,450	8,092,695	6,897,071
Value.....	\$1,876,520	\$699,795	\$612,120
Pork, salted or cured:			
Pounds.....	17,116,659	10,900,124	12,288,100
Value.....	\$2,486,833	\$1,305,726	\$1,267,988
Sausage, fresh or cured.....	\$300,188	\$108,430	\$76,451
Lard:			
Pounds.....	9,050,730	3,783,666	1,682,000
Value.....	\$1,099,633	\$307,468	\$156,855
Hides:			
Number.....	124,887	59,833	47,140
Pounds.....	7,325,634	3,416,270	2,510,063
Value.....	\$902,944	\$317,169	\$232,064
Pelts:			
Number.....	290,298	179,819	(³)
Value.....	\$326,207	\$196,084	(³)
All other products.....	\$1,074,252	\$391,159	\$372,052

¹ Two establishments excluded, to avoid disclosure of individual operations.² One establishment excluded, to avoid disclosure of individual operations.³ Not reported separately.

The growth of this industry is best measured by the production of the two staple commodities, beef and pork. The table shows that the output of fresh beef increased 56.6 per cent from 1899 to 1904 and 106.5 per cent from 1904 to 1909. The increases during the corresponding five-year periods for fresh pork were 17.5 per cent and 107.3 per cent, respectively, and for salted or cured pork, although there was a decrease of 11.3 per cent from 1899 to 1904, there was an increase of 39.3 per cent during the decade. The decided increases in the output of all products from 1904 to 1909 have established the industry more firmly among the leading industries of the state. There were 117,522 beeves, 14,218 calves, 290,383 sheep, and 239,352 hogs slaughtered in the wholesale establishments of the state in 1909, as compared with 54,539 beeves, 5,463 calves, 179,819 sheep, and 122,313 hogs slaughtered in 1904.

Canning and preserving.—As shown in the next table, this industry in Washington is confined largely to the canning and curing of fish and the canning of oysters and clams. In recent years this branch of the industry has received a decided impetus through the importation of salmon, halibut, and cod caught in Alaskan waters and brought into the state to be cured, as well as from state and Government aid in scientifically restocking local waters and conserving the natural supplies of fish.

The following table shows the quantities and values of the different products for the years 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value.....	\$9,595,387	\$3,617,310	\$5,089,857
Fruits and vegetables.....	\$478,895		
Canned vegetables:			
Cases.....	30,585		
Value.....	\$65,594		
Canned fruits:			
Cases.....	78,936		
Value.....	\$154,392		
Apples—			
Cases.....	22,533		
Value.....	\$42,319		
Berries—		\$173,289	\$63,141
Cases.....	36,549		
Value.....	\$72,832		
Pears—			
Cases.....	11,540		
Value.....	\$26,058		
All other—			
Cases.....	8,305		
Value.....	\$13,183		
Dried fruits (prunes):			
Pounds.....	5,445,017		
Value.....	\$258,909		
Fish and oysters.....	\$8,624,717	\$3,229,844	\$4,311,417
Canned fish, oysters, etc.:			
Pounds.....	90,312,421	27,108,329	43,419,050
Value.....	\$7,690,370	\$2,492,080	\$3,791,624
Salmon—			
Pounds.....	80,588,258	26,601,429	42,969,114
Value.....	\$7,354,569	\$2,431,605	\$3,745,957
Clams—			
Pounds.....	2,309,271	481,900	289,440
Value.....	\$178,598	\$57,475	\$18,420
Oysters, crabs, and all other fish—			
Pounds.....	1,414,892	25,000	161,096
Value.....	\$157,205	\$3,000	\$27,247
Smoked fish:			
Pounds.....	4,173,700	6,040,560	3,700,800
Value.....	\$416,204	\$565,746	\$225,992
Halibut—			
Pounds.....	191,600	1,550,000	1,757,000
Value.....	\$18,692	\$114,400	\$114,400
Salmon—			
Pounds.....	3,827,000	4,189,560	1,347,400
Value.....	\$389,620	\$405,026	\$93,772
All other—			
Pounds.....	155,100	301,000	596,400
Value.....	\$6,892	\$9,320	\$17,820
Salted fish:			
Pounds.....	9,763,799	3,594,071	8,303,160
Value.....	\$519,143	\$172,018	\$293,801
Cod—			
Pounds.....	4,910,329	876,850	954,400
Value.....	\$201,118	\$49,366	\$45,445
Herring—			
Pounds.....	90,500	750,000	736,200
Value.....	\$3,305	\$26,000	\$15,344
All other—			
Pounds.....	4,756,970	1,007,221	6,612,500
Value.....	\$314,720	\$96,652	\$233,012
All other products.....	\$491,775	\$214,177	\$715,269

The value of fruits and vegetables canned and preserved formed nearly one-twentieth of the total for the industry in 1909. In the past decade this branch of the industry has shown a remarkable growth, the value of products in 1909 being over seven and one-half times that reported for 1899. Canned vegetables shows the greatest rate of increase both in quantity and in value. The quantity of dried prunes increased 215 per cent from 1904 to 1909.

The year 1904 was not a good season for the fish canneries, and the output of canned salmon, which was the most important item, showed a decrease of 38.1 per cent in that year, as compared with 1899. The quantity of canned salmon reported in 1909, however, represents an increase of 225.5 per cent, as compared with 1904. The greatest production of smoked fish was reported for 1904, the year of least production for canned and salted fish. In 1899 the production of smoked halibut exceeded that of smoked salmon, but

in recent years the latter has furnished by far the greater part of the total output of smoked fish. Of the salted fish products, cod, which shows a decrease of 8.1 per cent in quantity for 1904, as compared with 1899, shows an extraordinary increase (460 per cent) for 1909, as compared with 1904, representing more than one-half of the total output of salted fish in 1909.

Butter, cheese, and condensed milk.—That part of western Washington lying between Puget Sound and the Cascade Range is especially well adapted for dairying, the most important feature being the climatic conditions, which are such that cows can feed on green grass practically all the year. The nine condensed-milk factories reported in 1909 were all located in this part of the state. The growth of the industry as a whole during the past decade has been remarkable, as is indicated by the following table, which shows the quantity and value of the different classes of products for 1909, 1904, and 1899:

PRODUCT.	1909	1904	1899
Total value.....	\$7,271,047	\$2,992,576	\$1,190,239
Butter:			
Pounds.....	11,302,591	7,722,911	3,198,421
Value.....	\$3,692,931	\$1,968,682	\$792,778
Packed solid—			
Pounds.....	1,418,308	466,999	1,100,070
Value.....	\$434,227	\$120,974	\$284,775
Prints or rolls—			
Pounds.....	9,884,283	7,255,912	2,098,351
Value.....	\$3,258,704	\$1,841,708	\$508,003
Cream sold:			
Pounds.....	3,009,180	830,662	437,072
Value.....	\$341,081	\$89,095	\$48,977
All other butter-factory products ¹	\$45,330	\$41,125	\$17,382
Cheese:			
Pounds.....	422,290	921,393	1,482,127
Value.....	\$65,597	\$102,601	\$174,025
Full-cream—			
Pounds.....	419,290	913,383	1,436,127
Value.....	\$65,297	\$101,901	\$109,285
Part-cream—			
Pounds.....	3,000	(?)	(?)
Value.....	\$300	(?)	(?)
Other kinds ² —			
Pounds.....		8,000	46,000
Value.....		\$640	\$4,740
All other cheese-factory products ³	\$270	\$743	\$77
Condensed milk:			
Unsweetened—			
Pounds.....	53,614,242	13,841,906	1,962,509
Value.....	\$2,976,326	\$738,688	\$157,000
All other condensed-milk factory products.....	\$2,360		
All other products not specified.....	\$146,252	\$51,642	

¹ Includes skimmed milk and casein.

² Included with full-cream cheese.

³ Includes skimmed cheese.

⁴ Includes whey.

⁵ Total condensed-milk product, whether sweetened or unsweetened.

From 1904 to 1909 the production of butter increased 3,579,680 pounds, or 46.4 per cent, as compared with an increase of 4,524,490 pounds, or 141.5 per cent, from 1899 to 1904. Butter put up in prints or rolls formed nearly seven-eighths of the total quantity reported in 1909.

Lumber and timber products.—The heavily wooded areas of the Cascade Mountains and the Olympic Peninsula afford extensive opportunities for lumbering on a large scale. The next statement, which shows the quantities of the principal products of the sawmills and shingle mills for 1909 and 1899, indicates the extent to which the industry has been developed in the state.

PRODUCT.		QUANTITY.	
		1909	1899
Rough lumber.....	M feet b. m.	3,862,916	1,429,032
Lath.....	thousands.....	451,384	145,134
Shingles.....	thousands.....	8,879,467	4,337,992

The production of rough lumber, already large in 1899, increased 170.3 per cent during the decade. In 1909 the state produced 3,060,983 M feet board measure of Douglas fir, or 63 per cent of the total quantity cut in the United States. In the same year the state was first in the production of cedar, reporting 183,952 M feet, or 53.2 per cent of the total amount cut in the United States; second in the production of western pine, with 266,357 M feet, or 17.8 per cent of the total cut; and third in the production of larch, with 39,795 M feet, or 15.1 per cent of the total. Washington produced nearly three-fifths of all the shingles manufactured in the United States in 1909, and was second among the states in the production of lath, with 12.2 per cent of the total. From 1899 to 1909 the output of shingles increased 104.7 per cent and that of lath 211 per cent. Only 1,779 M feet board measure of hardwood was cut in the state in 1909. There were more mills in the state in 1909 sawing over 50,000 M feet board measure of lumber than were reported for any other state, notwithstanding the fact that 73 mills were reported idle during the year.

Printing and publishing.—The following table shows the number of the different classes of publications in the state and their aggregate circulation in 1909, 1904, and 1899:

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1909	1904	1899	1909	1904	1899
Total.....	369	316	206	1,068,554	755,326	307,128
Daily.....	41	29	15	317,153	185,618	84,570
Sunday.....	13	9	7	243,083	130,101	(1)
Semiweekly.....	10	7	2	59,937	35,811	8,350
Weekly.....	208	220	154	252,396	217,845	101,990
Monthly.....	32	42	21	161,624	118,491	41,418
All other classes.....	5	3	5	33,776	10,400	10,800

¹ Included in circulation of dailies.

² Includes one triweekly.

As might be expected in a rapidly developing state, the newspapers and periodicals of Washington show a rapid increase in circulation. The aggregate circulation per issue increased 145.9 per cent during the five years from 1899 to 1904, and 41.5 per cent during the following five-year period. The dailies reported the greatest increase in circulation. Semiweeklies decreased in circulation, and monthlies decreased in number of publications from 1904 to 1909.

In 1909 there were published in the state 1 daily in Japanese and 1 in Japanese and English; 1 semiweekly in Japanese; 16 weeklies in languages other than English, of which 5 were in Swedish, 5 in Norwegian, 4 in

German, 1 in Italian, and 1 in Indian and English; and 1 semimonthly in Norwegian.

Laundries.—Statistics for steam laundries are not included in the general tables, or in the totals for manufacturing industries. In 1909 there were 172 such establishments in the state of Washington, 51 of which were in Seattle, 23 in Spokane, 14 in Tacoma, 7 in Everett, 6 in Bellingham, 4 in Walla Walla, and 2 each in Aberdeen and North Yakima. The following statement summarizes the statistics:

Number of establishments.....	172
Persons engaged in the industry.....	3,731
Proprietors and firm members.....	195
Salaried employees.....	272
Wage earners (average number).....	3,264
Primary horsepower.....	3,084
Capital.....	\$2,165,715
Expenses.....	3,046,673
Services.....	2,032,703
Materials.....	546,545
Miscellaneous.....	467,425
Amount received for work done.....	3,814,825

Eighty-six of the 172 establishments were under individual ownership, 47 under firm ownership, and 39 under corporate ownership. Forty-one establishments had receipts for the year's business of less than \$5,000 each; 75, receipts of between \$5,000 and \$20,000; 50, receipts of between \$20,000 and \$100,000; and 6, receipts between \$100,000 and \$1,000,000.

The number of wage earners employed each month and the percentage which this number represented of the greatest number employed in any month were as follows:

MONTH.	WAGE EARNERS.		MONTH.	WAGE EARNERS.	
	Number.	Per cent of maximum.		Number.	Per cent of maximum.
January.....	2,946	80.4	July.....	3,537	96.6
February.....	2,957	80.7	August.....	3,663	100.0
March.....	2,986	81.5	September.....	3,579	97.7
April.....	3,066	83.7	October.....	3,391	92.6
May.....	3,169	86.5	November.....	3,262	89.1
June.....	3,389	92.5	December.....	3,229	88.2

The different kinds of primary power, the number of engines or motors, and the horsepower used in 1909 are shown in the following tabular statement:

KIND.	Number of engines or motors.	Horsepower.
Primary power, total.....		3,084
Owned:		
Steam.....	98	2,302
Gas.....	5	24
Water motors.....	1	2
Rented:		
Electric.....	96	504
Other.....		72

The kind and amount of fuel used are shown in the next statement.

KIND.	Unit.	Quantity.
Anthracite coal.....	Tons.....	8
Bituminous coal.....	Tons.....	10,279
Coke.....	Tons.....	1,883
Wood.....	Cords.....	34,097
Oil.....	Barrels.....	17,499
Gas.....	1,000 feet.....	14,765
Other.....	Tons.....	1,264

Custom sawmills and gristmills.—Statistics for custom sawmills and gristmills are not included in the general tables, or in the totals for manufacturing industries, but are presented in the next summary.

	Custom sawmills.	Custom gristmills.
Number of establishments.....	10	21
Persons engaged in the industry.....	25	35
Proprietors and firm members.....	13	26
Wage earners (average number).....	12	9
Primary horsepower.....	207	410
Capital.....	\$16,612	\$52,458
Expenses.....	8,398	244,210
Services.....	7,442	4,855
Materials.....	167	1237,127
Miscellaneous.....	789	2,228
Value of products.....	13,970	1266,590

¹ Includes estimate of all grain ground. A similar estimate for value of lumber sawed by custom sawmills is impracticable.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.					Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.							
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).	Expressed in thousands.														
STATE—All industries.....	1909	3,674	80,118	3,264	7,734	69,120	297,897	\$222,261	\$9,827	\$49,766	\$117,888	\$220,746	\$102,858								
	1904	2,751	51,459	2,602	3,658	45,199	168,342	96,953	4,093	30,087	66,166	128,822	62,656								
	1899	1,926			2,103	31,523	87,601	41,575	2,063	17,065	38,277	70,831	32,554								
Artificial stone.....	1909	41	157	30	13	105	117	277	12	79	122	325	203								
	1904	3	14	6		8		26		8	3	13	10								
	1899																				
Awnings, tents, and sails.....	1909	19	169	17	31	121	42	453	35	88	562	828	266								
	1904	9	67	7	14	46	14	77	13	32	139	241	102								
	1899	7			13	49		50	8	32	118	202	84								
Bread and other bakery products.....	1909	298	1,514	363	182	969	412	1,076	175	704	2,566	4,570	2,004								
	1904	165	665	193	18	454	117	445	14	314	894	1,056	702								
	1899	65	306	73	31	202		157	19	120	320	654	334								
Brick and tile.....	1909	58	1,447	61	86	1,300	4,797	5,188	116	792	651	2,559	1,908								
	1904	51	609	52	45	512	1,436	966	37	306	149	675	520								
	1899	32	385	29	27	329	624	370	28	186	81	427	346								
Butter, cheese, and condensed milk.....	1909	97	978	58	185	735	2,203	2,277	199	457	5,076	7,271	1,595								
	1904	88	502	60	68	374	987	871	61	219	2,392	2,093	601								
	1899	60	237	50	35	146	526	304	27	81	932	1,190	258								
Canning and preserving.....	1909	80	2,284	27	228	2,029	2,433	7,355	292	1,272	5,046	9,595	4,549								
	1904	61	834	38	107	659	1,401	2,261	112	380	2,351	3,617	1,266								
	1899	60	2,463	58	124	2,281		2,349	100	746	3,238	5,090	1,852								
Carriages and wagons and materials.....	1909	37	317	46	30	241	254	538	33	203	319	720	401								
	1904	25	240	30	12	201	130	230	11	158	188	482	294								
	1899	25			8	132		98	9	89	110	283	173								
Cars and general shop construction and repairs by steam-railroad companies.	1909	17	2,880		164	2,716	3,609	3,206	181	1,990	2,484	4,666	2,182								
	1904	10	1,390		63	1,327	1,341	1,694	70	869	1,805	2,769	964								
	1899	16	1,011		55	956	1,017	945	51	653	701	1,480	710								
Clothing, men's, including shirts.....	1909	10	813	9	35	269	81	345	40	100	360	617	248								
	1904	11	201	10	21	170	31	154	11	61	147	263	116								
	1899																				
Coffee and spice, roasting and grinding.....	1909	15	202	4	67	131	280	710	99	70	824	1,399	575								
	1904	8	92	9	19	64	104	248	24	38	265	524	269								
	1899	14	78	10	21	41		138	24	23	301	388	87								
Confectionery.....	1909	52	780	51	117	612	333	1,009	139	290	1,311	2,208	897								
	1904	28	556	28	70	458	234	642	80	204	713	1,311	598								
	1899	10			34	195		165	41	76	224	445	221								
Cooperage and wooden goods, not elsewhere specified.	1909	8	111	3	11	97	912	372	12	61	134	273	139								
	1904	4	90	2	2	86	90	294	2	41	61	143	82								
	1899	6	54	13	2	39		16	1	12	12	33	21								
Copper, tin, and sheet-iron products.....	1909	81	750	85	82	583	207	985	100	521	903	1,946	1,043								
	1904	33	297	34	17	246	41	397	21	238	288	727	439								
	1899	25			17	217		433	19	146	433	706	333								
Flour-mill and gristmill products.....	1909	96	973	61	268	644	11,773	11,977	372	464	15,474	17,853	2,379								
	1904	76	840	56	171	613	8,516	6,490	212	410	12,771	14,064	1,893								
	1899	66			107	482	5,190	2,627	123	279	5,649	6,774	1,125								
Food preparations.....	1909	30	176	20	26	121	157	449	30	72	372	695	323								
	1904	6	34	4	5	25	70	52	5	13	24	77	53								
	1899																				
Foundry and machine-shop products.....	1909	178	2,901	144	373	2,439	5,117	9,307	523	1,967	3,724	7,988	4,264								
	1904	112	1,788	88	212	1,488	2,849	3,549	204	1,060	1,791	3,045	2,154								
	1899	83			93	1,093		1,642	85	704	1,006	2,321	1,315								
Fur goods.....	1909	15	107	10	20	71	14	290	22	55	144	316	172								
	1904	11	70	13	6	51	6	120	8	31	53	132	79								
	1899	5			3	32		38	1	13	36	77	41								
Furniture and refrigerators.....	1909	36	676	42	52	582	1,284	1,177	56	410	602	1,389	787								
	1904	23	355	28	21	306	677	366	22	174	300	625	325								
	1899	12	243	15	20	213		227	14	94	184	413	229								
Gas, illuminating and heating.....	1909	12	675		210	465	1,479	13,978	200	273	661	1,684	1,023								
	1904	7	197		89	108	454	7,633	74	78	149	602	453								
	1899	0	118		87	81	13	1,621	26	42	77	316	239								
Ice, manufactured.....	1909	25	231	10	58	163	2,210	1,487	64	140	141	558	417								
	1904	12	119	9	11	99	905	486	14	78	41	243	202								
	1899	4	49	1	13	35	425	252	14	26	17	104	87								
Leather goods.....	1909	34	251	38	53	160	76	560	57	123	602	1,012	410								
	1904	30	171	35	19	117	31	260	17	81	203	436	233								
	1899	22			10	71		147	11	50	189	354	165								
Lime.....	1909	12	218	8	22	188	245	1,282	36	126	109	376	267								
	1904	6	196	1	24	171	68	636	34	87	150	335	185								
	1899																				
Liquors, malt.....	1909	31	978	12	201	765	5,675	11,119	423	709	2,231	6,903	4,672								
	1904	31	579	13	90	476	2,907	5,886	165	501	984	4,472	3,488								
	1899	25	283	19	53	211	1,047	1,507	82	171	295	1,231	930								

¹ Not reported separately.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

³ Figures can not be shown without disclosing individual operations.

STATISTICS OF MANUFACTURES.

669

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
STATE—Continued.													
Lumber and timber products.....	1909	1,263	47,447	1,013	2,685	43,749	224,455	\$97,224	\$3,615	\$31,327	\$30,879	\$89,155	\$52,276
	1904	1,099	32,579	1,039	1,403	30,137	128,236	44,799	1,706	19,820	19,418	54,999	35,581
	1899	813	22,374	1,004	802	20,568	63,914	19,858	805	11,092	13,791	31,665	17,874
Marble and stone work.....	1909	38	503	34	56	473	1,210	1,100	68	410	269	1,022	753
	1904	18	232	15	21	196	394	343	21	157	95	418	320
	1899	15	.....	.....	.....	86	.....	155	10	58	61	230	169
Mattresses and spring beds.....	1909	12	195	3	26	166	485	505	26	131	437	718	281
	1904	5	181	1	18	132	218	140	16	61	99	269	170
	1899	5	95	7	4	84	.....	39	5	39	75	152	77
Paint and varnish.....	1909	5	74	.....	17	57	221	296	18	51	154	282	128
	1904	6	62	1	27	34	80	121	14	23	92	166	74
	1899	3	16	2	4	10	.....	66	5	7	31	58	27
Patent medicines and compounds and druggists' preparations.....	1909	18	72	13	21	33	95	249	26	19	106	258	152
	1904	10	39	5	5	29	.....	32	3	13	37	99	62
	1899	7	44	6	4	34	.....	16	4	22	13	61	48
Pottery, terra-cotta, and fire-clay products.....	1909	8	321	1	31	289	1,263	1,023	39	197	112	523	411
	1904	6	182	1	19	102	1,179	987	26	114	121	416	295
	1899	8	149	8	15	126	155	437	18	60	29	157	123
Printing and publishing.....	1909	506	4,583	552	1,407	2,624	2,232	5,867	1,629	2,140	2,224	9,286	7,062
	1904	1,333	2,834	387	650	1,797	2,035	2,850	524	1,364	1,050	4,705	3,709
	1899	257	1,540	266	267	1,007	.....	1,308	222	543	384	1,976	1,591
Slaughtering and meat packing.....	1909	14	971	4	139	828	1,883	5,103	238	575	13,760	15,654	1,894
	1904	13	402	9	58	335	550	2,284	79	287	6,423	6,252	829
	1899	18	337	18	88	231	474	1,014	81	157	4,252	4,893	641
Tobacco manufactures.....	1909	114	455	128	22	305	.....	367	22	205	240	681	441
	1904	102	373	114	3	256	.....	191	3	175	228	604	378
	1899	57	197	60	4	133	.....	89	3	69	127	294	167
All other industries.....	1909	414	6,289	393	811	5,085	22,343	34,750	1,085	3,733	18,680	27,416	8,736
	1904	299	4,690	308	350	2,439	13,095	11,423	430	2,672	13,735	19,889	6,154
	1899	200	.....	.....	199	.....	.....	5,507	227	1,475	5,331	8,793	3,207

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

SEATTLE—All industries.....	1909	751	14,014	621	2,062	11,331	37,732	\$46,472	\$2,750	\$8,569	\$28,685	\$50,569	\$21,884
	1904	487	7,532	416	727	6,390	.....	22,344	853	4,318	14,368	25,496	11,048
	1899	352	.....	.....	623	4,440	.....	7,682	561	2,682	8,864	15,323	6,459
Bread and other bakery products.....	1909	78	461	92	74	295	148	445	65	290	593	1,550	657
	1904	38	177	43	.....	134	.....	130	.....	109	264	405	231
	1899	25	133	27	11	95	.....	63	6	64	143	295	152
Brick and tile.....	1909	5	154	2	15	137	482	293	20	100	37	259	222
	1904	4	65	1	3	61	.....	120	4	29	16	67	51
	1899	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butter, cheese, and condensed milk.....	1909	6	30	5	9	22	55	110	10	19	439	514	75
	1904	5	40	3	7	30	.....	143	6	22	496	562	66
	1899	3	26	4	1	21	.....	39	1	13	193	224	31
Canning and preserving.....	1909	7	85	.....	26	59	233	298	26	44	234	394	160
	1904	14	119	.....	7	112	.....	205	5	65	429	610	181
	1899	14	.....	.....	38	320	.....	435	31	132	874	1,247	373
Carriages and wagons and materials.....	1909	12	136	16	11	109	73	163	13	95	117	298	181
	1904	10	115	19	6	90	.....	125	6	78	100	254	154
	1899	10	93	14	7	72	.....	42	8	47	58	152	94
Clothing, men's, including shirts.....	1909	5	165	2	22	141	47	243	26	58	236	374	138
	1904	14	123	4	10	109	.....	95	7	40	115	188	73
Confectionery.....	1909	20	464	15	66	383	213	1,020	89	190	890	1,401	601
	1904	14	324	17	37	270	.....	332	47	122	456	821	365
	1899	6	.....	.....	25	133	.....	85	32	55	134	306	172
Copper, tin, and sheet-iron products.....	1909	36	423	36	41	352	116	448	55	282	557	1,131	574
	1904	13	141	15	6	120	.....	152	9	125	141	352	211
	1899	10	.....	.....	8	85	.....	70	9	68	81	209	123
Flour-mill and gristmill products.....	1909	7	227	2	70	155	2,365	2,415	112	111	3,872	4,430	558
	1904	6	174	1	26	147	.....	930	35	99	4,158	4,594	436
	1899	6	97	1	23	73	.....	470	22	44	1,110	1,298	188
Foundry and machine-shop products.....	1909	71	1,479	44	205	1,230	2,787	5,023	292	1,023	2,042	4,200	2,248
	1904	41	691	25	104	562	.....	1,949	140	431	870	1,817	947
	1899	34	504	33	46	425	.....	624	39	320	457	1,143	686
Fur goods.....	1909	7	48	4	7	37	4	109	10	32	75	150	75
	1904	5	43	5	6	32	.....	76	8	19	37	91	54
	1899	3	.....	.....	2	21	.....	34	1	9	32	63	31
Furniture and refrigerators.....	1909	17	195	19	10	166	239	173	12	139	140	405	265
	1904	5	31	7	.....	24	.....	12	.....	19	18	52	34
	1899	8	.....	12	10	66	.....	72	4	38	56	147	91

¹ Excluding statistics for two establishments, to avoid disclosure of individual operations.
² Excluding statistics for one establishment, to avoid disclosure of individual operations.
³ Figures can not be shown without disclosing individual operations.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaried employes.	Wage earners (average number).							
Expressed in thousands.													
SEATTLE—Continued.													
Gloves and mittens, leather.....	1909	3	31	5	3	23	3	\$24	\$3	\$10	\$25	\$53	\$28
	1904	4	46	5	1	40		29	1	13	36	77	41
	1899												
Ice, manufactured.....	1909	5	79		18	61	721	828	23	53	68	225	157
	1904	4	60		5	55		330	9	45	22	116	94
	1899												
Leather goods.....	1909	8	122	8	33	81	41	222	35	60	267	444	177
	1904	9	74	12	6	56		84	6	37	86	191	105
	1899	7		4	31			35	4	22	62	132	70
Liquors, malt.....	1909	5	440		78	362	1,880	4,408	185	300	877	2,815	1,938
	1904	5	190	1	13	176		2,216	27	200	391	2,122	1,731
	1899												
Lumber and timber products.....	1909	63	3,337	39	222	3,076	19,436	7,720	324	2,222	3,676	7,739	4,063
	1904	21	1,126	10	51	1,065		1,848	69	644	657	1,835	1,178
	1899	17		83	1,252			1,691	80	776	1,155	2,663	1,408
Marble and stone work.....	1909	5	68	3	11	54	38	89	12	47	81	218	137
	1904	3	38	2	2	34		28	3	25	44	111	67
	1899	4				18		39		15	21	54	33
Patent medicines and compounds and druggists' preparations.....	1909	8	42	4	14	24	54	59	19	12	42	153	111
	1904	3	20	2	3	15		11	1	4	14	41	27
	1899												
Printing and publishing.....	1909	133	1,597	117	438	1,042	791	2,542	551	904	1,042	4,000	2,987
	1904	90	1,080	77	111	892		1,094	125	656	511	1,987	1,476
	1899	65		151	463			520	125	245	189	894	705
Slaughtering and meat packing.....	1909	4	383	1	57	325	498	2,308	105	240	6,410	7,171	701
	1904	4	205	1	38	166		1,127	50	125	3,029	3,419	390
	1899	8	186	6	48	132		570	45	89	2,667	3,072	405
Tobacco manufactures.....	1909	24	95	26	4	65		71	4	45	46	140	94
	1904	26	86	27	2	57		44	2	42	57	143	86
	1899	15	53	18	2	33		25	1	19	36	88	52
All other industries.....	1909	222	3,941	181	628	3,132	7,538	17,461	759	2,323	6,619	12,316	5,697
	1904	149	2,564	138	283	2,143		11,258	290	1,371	2,411	5,461	3,050
	1899	117		164	1,200			2,868	153	726	1,696	3,436	1,840
SPOKANE—All industries.													
	1909	286	5,294	263	1,042	3,989	9,295	\$16,434	\$1,333	\$3,098	\$10,243	\$18,880	\$3,687
	1904	188	3,231	184	619	2,428		5,407	551	1,669	4,700	8,331	4,131
	1899	84			207	1,060		2,211	195	616	2,033	3,756	1,723
Bread and other bakery products.....	1909	33	345	42	43	260	34	503	66	170	686	1,211	525
	1904	18	133	22	10	101		100	12	58	216	359	143
	1899	5	61	6	19	36		17	12	19	56	126	70
Carriages and wagons and materials.....	1909	5	44	7	2	35	35	131	3	23	46	99	53
	1904	3	30	3	1	25		18	1	19	20	53	33
	1899												
Confectionery.....	1909	10	163	12	25	126	78	437	29	58	252	406	154
	1904	5	138	3	17	118		208	19	53	165	271	106
	1899	3	63	4	7	52		71	7	18	80	118	38
Copper, tin, and sheet-iron products.....	1909	13	140	12	17	111	50	318	20	120	195	408	213
	1904	6	71	5	6	60		110	7	51	70	164	94
	1899	3			1	23		14	(4)	21	33	68	35
Foundry and machine-shop products.....	1909	14	344	11	45	288	531	856	63	213	415	871	456
	1904	10	230	8	26	196		402	33	143	230	515	285
	1899	6	112	5	10	97		133	11	68	96	203	107
Leather goods.....	1909	6	48	5	14	29	11	129	18	21	150	224	74
	1904	3	20	2	5	13		30	3	9	30	64	34
	1899	3			3	12		26	3	8	31	52	21
Liquors, malt.....	1909	4	117		25	92	883	2,135	56	113	330	1,199	819
	1904	3	67		14	53		1,111	31	79	162	679	517
	1899	4	62	1	14	47		419	25	47	84	445	361
Lumber and timber products.....	1909	23	1,422	7	148	1,267	4,238	3,602	186	932	1,484	3,302	1,818
	1904	24	1,097	19	112	966		1,706	120	581	1,467	2,458	991
	1899	10	376	2	38	335		425	38	166	417	740	323
Marble and stone work.....	1909	5	51	3	7	41	55	154	10	45	53	143	95
	1904	3	35	1	5	29		64	6	29	13	77	64
	1899	3			10	19		21	8	15	14	64	50
Printing and publishing.....	1909	46	839	41	433	365	387	782	536	376	477	2,120	1,643
	1904	40	598	47	327	224		346	224	194	205	1,042	837
	1899	15	120	14	32	74		100	28	51	37	211	174
Tobacco manufactures.....	1909	15	67	17	4	46		67	6	38	39	108	69
	1904	16	66	19		47		34		37	50	125	75
	1899	3	18	3		15		5		7	12	27	15
All other industries.....	1909	112	1,714	106	279	1,329	2,943	7,320	340	934	6,066	8,784	2,718
	1904	57	746	55	96	595		1,278	95	411	2,072	3,024	952
	1899	30		73	350			980	63	196	1,173	1,702	529

1 Figures can not be shown without disclosing individual operations.

2 Excluding statistics for one establishment, to avoid disclosure of individual operations.

3 Excluding statistics for two establishments, to avoid disclosure of individual operations.

4 Less than \$500.

STATISTICS OF MANUFACTURES.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

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

INDUSTRY AND CITY.	Census.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.				Primary horse-power.	Capital.	Salaries.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
			Total.	Proprietors and firm members.	Salaries employed.	Wage earners (average number).							
Expressed in thousands.													
TACOMA—All industries.....	1909	276	6,866	216	885	5,765	21,546	\$21,533	\$1,031	\$3,985	\$13,716	\$22,450	\$8,734
	1904	236	5,158	195	508	4,457		11,769	565	2,908	8,157	14,264	6,107
	1899	174			288	3,552		6,790	322	1,855	6,341	10,301	3,860
Bread and other bakery products.....	1909	26	214	29	21	104	109	262	22	84	333	507	234
	1904	19	93	24	4	65		39	2	46	110	211	101
	1899	9	40	10		30		19		16	52	91	39
Canning and preserving.....	1909	4	54	1	12	41	75	143	15	41	120	100	70
	1904	6	63	3	16	44		177	15	28	159	239	80
	1899	3	32	3	2	27		27	1	12	49	74	25
Carriages and wagons and materials.....	1909	7	68	4	11	53	96	128	13	36	107	191	84
	1904	27	72	8	4	60		54	3	45	46	120	74
	1899	25		1	1	35		33	1	26	31	75	44
Copper, tin, and sheet-iron products.....	1909	13	94	12	13	69	37	142	15	67	89	231	142
	1904	8	61	7	5	49		120	5	48	64	172	108
	1899	7		3	3	43		73	2	29	48	125	77
Flour-mill and gristmill products.....	1909	5	156	2	38	116	2,630	2,897	64	76	3,430	3,844	414
	1904	4	123		21	102		1,063	27	70	2,069	2,294	225
	1899	5	143		20	123		595	36	69	1,145	1,388	253
Foundry and machine-shop products.....	1909	23	462	16	54	392	649	1,836	71	229	697	1,368	671
	1904	15	410	10	42	358		579	48	253	439	893	459
	1899	11	371	12	21	338		457	20	177	258	541	283
Furniture and refrigerators.....	1909	7	319	2	32	285	625	812	35	194	348	690	342
	1904	10	198	9	16	173		236	16	97	218	420	202
	1899	4	160	3	10	147		156	10	56	128	266	138
Lumber and timber products.....	1909	31	3,116	12	169	2,935	12,862	7,412	278	1,959	2,889	6,040	3,151
	1904	24	1,955	5	135	1,815		4,190	187	1,120	1,310	3,493	2,098
	1899	16	1,334	11	55	1,268		3,423	74	664	1,692	2,721	1,029
Printing and publishing.....	1909	42	617	37	287	293	264	603	219	253	247	1,094	847
	1904	35	318	32	119	167		324	95	141	119	623	504
	1899	35		67	67	179		254	56	113	79	401	322
Shipbuilding, including boat building.....	1909	6	40	8	1	31	58	57	2	29	38	90	52
	1904	5	81	6		75		17		65	170	274	104
	1899	3	179	3	7	169		118	11	96	116	210	94
Tobacco manufactures.....	1909	17	100	21	2	77		66	3	47	53	150	97
	1904	15	84	19	1	64		40	1	37	40	125	85
	1899	13	54	14	1	39		20	1	20	41	83	42
All other industries.....	1909	95	1,626	72	245	1,309	4,141	7,670	294	910	5,365	7,995	2,630
	1904	88	1,700	72	143	1,485		4,930	166	956	3,413	5,480	2,067
	1899	63			101	1,154		1,615	110	677	2,702	4,316	1,614

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

Aberdeen.....	1909	43	1,651	26	116	1,509	9,582	\$4,560	\$161	\$995	\$2,172	\$3,590	\$1,418
	1904												
	1899												
Bellingham.....	1909	96	1,795	89	140	1,566	5,176	3,288	158	1,027	2,422	4,600	2,178
	1904	73	1,466	55	97	1,314		2,981	107	858	1,651	3,294	1,643
	1899	47			51	1,502		1,719	69	549	1,553	2,629	1,076
Everett.....	1909	94	2,723	77	271	2,375	11,481	6,605	359	1,720	3,859	7,423	3,564
	1904												
	1899												
North Yakima.....	1909	36	723	32	89	602	1,975	2,297	105	374	950	2,175	1,225
	1904												
	1899												
Walla Walla.....	1909	48	529	39	102	388	1,500	2,336	127	323	1,385	2,317	932
	1904	33	328	31	55	242		1,063	68	181	929	1,486	557
	1899	34			15	213		708	17	132	621	964	343

¹ Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

² Excluding statistics for one establishment, to avoid disclosure of individual operations.

³ Excluding statistics for two establishments, to avoid disclosure of individual operations.

⁴ Figures not available.

⁵ Represents the statistics for Fairhaven and New Whatcom, incorporated as Bellingham in 1903.

TABLE II.—DETAIL STATEMENT FOR

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners.			Total.	16 and over.		Under 16.				
					Male.	Female.	Average number.	Number.			Male.	Female.	Male.	Female.			
								Maximum month.	Minimum month.								
1 All industries.....	3,674	80,118	3,264	3,050	3,880	804	69,120	Oc 73,949	Ja 54,719	(1)	(1)	(1)	(1)	(1)	297,897		
2 Artificial stone.....	41	157	39	12	1	105	Oc 147	Ja ² 68	173	173					117		
3 Automobiles, including bodies and parts.	5	22	6	1	1	14	Je 18	Ja ² 12	14	14					15		
4 Awnings, tents, and sails.....	19	169	17	1	10	4	Je 167	Ja ² 96	116	60	56				42		
5 Blacking and cleansing and polishing preparations.	3	6	3	2		1	Au ² 2	Ja ² 1	2	2					2		
6 Boxes, fancy and paper.....	6	125	4	8	1	2	De 136	Ja 98	136	47	85		4		42		
7 Brass and bronze products.....	7	55	3	7	4	1	Jy 47	Fe 25	44	44					60		
8 Bread and other bakery products.....	295	1,514	363	41	78	63	No 1,051	Fe ² 907	1,047	737	302	7	1		412		
9 Brick and tile.....	53	1,447	61	56	24	6	Je 1,690	Ja 854	1,589	1,582	5	2			4,797		
10 Brooms.....	7	60	7	2	7	1	Ap 46	Se 40	40	35	11				47		
11 Butter, cheese, and condensed milk.....	97	978	58	55	106	24	Je 884	Ja 608	650	548	97	4	1		2,203		
12 Canning and preserving.....	80	2,284	27	98	108	22	Au 3,972	Ja 483	3,011	2,261	707	20	23		2,433		
13 Carriages and wagons and materials.....	37	317	46	22	5	3	Au 285	Fe 209	223	223					254		
14 Cars and general shop construction and repairs by steam-railroad companies.	17	2,880		71	83	10	No 3,042	Ap 2,364	3,135	3,134	1				3,609		
15 Cars and general shop construction and repairs by street-railroad companies.	11	446		9	26	1	My 482	Mh 383	410	410					598		
16 Clothing, men's, including shirts.....	10	313	9	7	25	3	De 325	Au 223	326	25	301				81		
17 Coffee and spice, roasting and grinding.	15	202	4	17	38	12	De 146	Ja ² 123	146	88	58				280		
18 Coffins, burial cases, and undertakers' goods.	4	89	4	6	4	1	De ² 79	Ap 66	79	72	7				205		
19 Confectionery.....	52	780	51	33	72	12	De 721	Ja 556	724	244	478	1	1		333		
20 Cooperage and wooden goods, not elsewhere specified.	8	111	3	8	1	2	No 143	Fe 74	138	137	1				912		
21 Copper, tin, and sheet-iron products.....	81	750	85	51	24	7	Oc 662	Ja 505	620	611	8	1			207		
22 Cutlery and tools, not elsewhere specified	7	25	10	2		3	Fe ² 11	Ja ² 10	11	11					45		
23 Electroplating.....	3	18	5				Oc 15	Ja ² 12	12	12					20		
24 Flour-mill and gristmill products.....	96	973	61	89	163	16	Oc 815	Je 518	742	734	8				11,773		
25 Food preparations.....	30	176	29	12	11	3	Je 193	De 97	123	101	21		1		157		
26 Foundry and machine-shop products.....	178	2,961	144	173	171	34	No 2,636	Ja 2,184	2,603	2,597	1	5			5,117		
27 Fur goods.....	15	107	16	9	5	6	Oc 111	My 38	110	42	68				14		
28 Furnishing goods, men's.....	7	68	14	6	4	3	Au 64	Ja ² 22	64	9	53	2			39		
29 Furniture and refrigerators.....	36	676	42	28	16	8	Je ² 628	Ja 488	587	566	11	10			1,284		
30 Gas, illuminating and heating.....	12	675		33	153	24	My 523	Oc 403	522	522					1,479		
31 Gloves and mittens, leather.....	6	74	9	4	2		De 72	My 54	72	80	42				10		
32 Hand stamps and stencils and brands.....	11	78	11	6	6	4	No 56	My ² 47	49	47	2				53		
33 Ice; manufactured.....	25	231	10	31	23	4	Je 198	Ja 120	162	162					2,210		
34 Leather goods.....	34	251	38	23	25	5	My 170	Ja 150	156	147	8	1			76		
35 Lime.....	12	218	8	9	11	2	Je 221	Ja 128	185	183	2				245		
36 Liquors, malt.....	31	978	12	64	128	9	Jy 827	Ja 715	737	732	5				5,675		
37 Lumber and timber products.....	1,263	47,447	1,013	1,414	1,095	170	Oc 47,133	Ja 33,411	50,964	50,714	108	52			224,455		
38 Marble and stone work.....	38	563	34	30	21	5	My 570	De 354	521	521					1,210		
39 Mattresses and spring beds.....	12	195	3	8	13	5	Au 189	Ja 127	176	159	14	3			485		
40 Models and patterns, not including paper patterns.....	7	35	11	3	1		Oc 24	Ja 17	20	18		2			68		
41 Musical instruments and materials, not specified.	5	6	6				(³)	(³)									
42 Optical goods.....	6	26	2	4	4	2	De 16	Ja ² 13	16	15	1				11		
43 Paint and varnish.....	5	74		5	8	4	My 67	Ja 41	57	55		1			221		
44 Patent medicines and compounds and druggists' preparations.	18	72	13	8	13		Ap 41	Jy 30	40	27	12	1			95		
45 Photo-engraving.....	9	84	7	6	5	4	Oc ² 71	Ja 51	71	64	6	1			54		
46 Pottery, terra-cotta, and fire-clay products.	8	321	1	18	10	3	Jy 329	Fe 202	292	292					1,263		
47 Printing and publishing.....	506	4,583	552	286	966	205	No 2,687	Ja 2,529	2,718	2,223	300	113	22		2,232		
48 Shipbuilding, including boat building.....	60	900	84	39	28	5	My 932	Ja 619	852	851	1				2,105		
49 Show cases.....	11	72	12	3	2	1	My 63	Ap ² 50	53	53					62		
50 Slaughtering and meat packing.....	14	971	4	34	78	27	De 956	Ja 772	902	938	24				1,833		
51 Stoves and furnaces, including gas and oil stoves.	9	91	6	7	5	1	Oc 90	Fe 59	84	81	2	1			99		
52 Surgical appliances and artificial limbs.....	6	18	6				Au ² 15	Fe ² 9	14	13	1				9		
53 Tobacco manufactures.....	114	455	128	10	10	2	De 324	Ap 293	339	278	58	3					
54 Umbrellas and canes.....	3	12	5	3			Oc 5	Ja ² 4	5	2	3						
55 Wall plaster.....	4	70		7	9	1	My 85	Fe 39	59	59					445		
56 All other industries.....	217	3,903	178	203	277	67	3,178								18,329		

1 No figures given for reasons explained in the Introduction.
 2 Same number reported for one or more other months.
 3 No wage earners employed.
 4 All other industries embrace—

Agricultural implements.....	5	Cars, steam-railroad, not including operations of railroad companies.....	1	Explosives.....	2
Artificial flowers and feathers and plumes.....	1	Cars, street-railroad, not including operations of railroad companies.....	1	Fancy articles, not elsewhere specified.....	1
Babbitt metal and solder.....	3	Cement.....	1	Fireworks.....	1
Bags, other than paper.....	1	Chemicals.....	2	Flags, banners, regalia, society badges, and emblems.....	2
Baskets, and rattan and willow ware.....	2	Clothing, women's.....	6	Flavoring extracts.....	3
Beat sugar.....	1	Coke.....	3	Gas and electric fixtures and lamps and reflectors.....	3
Beiting and hose, leather.....	1	Cordage and twine and jute and linen goods.....	1	Glass, cutting, staining, and ornamenting.....	6
Bluing.....	2	Cordials and syrups.....	1	Gold and silver, reducing and refining, not from the ore.....	1
Boots and shoes, including out stock and findings.....	12	Electrical machinery, apparatus, and supplies.....	4	Grease and tallow.....	2
Boxes, cigar.....	1	Emery and other abrasive wheels.....	1	Hair work.....	1
Brushes.....	2	Engraving and die sinking.....	1	Hats and caps, other than felt, straw, and wool.....	1
Buttons.....	1				
Carpets, rag.....	2				

STATISTICS OF MANUFACTURES.

THE STATE, BY INDUSTRIES: 1909.

Capital.	EXPENSES.										Value of products.	Value added by manufacture.
	Total.	Services.			Materials.			Miscellaneous.				
		Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.	Other.		
1 \$222,261,229	\$196,274,694	\$5,664,998	\$4,161,581	\$49,766,368	\$3,464,218	\$114,423,470	\$1,031,882	\$2,425,368	\$2,175,766	\$13,161,043	\$220,746,421	\$102,858,733
2 276,531	234,727	12,257	125	79,314	1,514	120,946	4,550	1,220	20	14,781	325,158	202,698
3 15,794	45,306	1,200	900	15,063	591	21,839	2,552	73	.....	3,005	56,358	33,888
4 453,430	728,042	19,992	14,700	87,949	1,898	500,352	14,021	1,933	.....	27,137	827,892	265,642
5 6,360	12,120	1,000	.....	1,365	47	4,937	597	52	1,275	2,247	18,688	13,704
6 119,526	180,233	14,288	4,000	46,430	5,171	91,817	8,472	411	.....	9,584	196,901	99,913
7 78,749	117,786	9,260	5,300	33,313	3,552	56,435	4,076	370	1,400	4,080	135,546	75,560
8 1,676,204	3,793,411	57,216	117,598	703,791	79,318	2,487,127	98,287	10,928	7,527	231,619	4,569,677	2,003,232
9 5,187,951	1,657,307	89,708	26,308	792,228	421,475	229,930	4,559	13,236	1,314	78,549	2,558,828	1,907,423
10 124,682	117,438	2,700	7,800	26,506	2,494	73,453	60	884	.....	3,536	143,244	67,292
11 2,277,138	6,698,647	78,787	119,839	466,906	83,405	5,592,798	14,039	19,226	.....	333,659	7,271,047	1,594,866
12 7,355,195	7,094,518	186,999	105,826	1,271,704	80,491	4,965,032	11,771	44,095	318,045	711,085	9,595,387	4,549,864
13 538,026	586,646	28,118	4,564	292,601	14,844	304,297	20,868	3,582	631	17,241	720,054	400,913
14 3,206,077	4,060,469	104,938	76,004	1,989,670	125,411	2,358,612	.....	857	.....	10,917	4,666,469	2,182,446
15 963,120	732,490	9,730	16,842	345,861	6,282	335,223	.....	9,641	.....	8,911	732,590	391,085
16 345,323	562,778	13,030	26,722	100,160	3,265	365,534	8,780	1,412	244	43,631	617,071	243,272
17 709,946	1,283,429	42,436	56,068	75,502	7,043	817,158	13,736	3,948	.....	267,538	1,399,312	575,111
18 334,593	189,046	11,130	6,615	61,933	3,209	89,730	600	989	.....	14,710	195,635	102,536
19 1,008,527	1,074,711	54,101	84,491	295,605	30,145	1,281,317	41,900	7,368	.....	179,784	2,208,424	899,962
20 371,661	231,787	10,200	2,494	60,916	1,501	132,547	400	3,984	.....	19,955	272,822	138,774
21 984,910	1,630,414	73,500	26,966	521,025	12,089	890,761	47,314	5,738	1,424	51,607	1,945,720	1,042,890
22 62,838	24,266	3,050	1,160	8,749	1,151	6,300	780	452	1,100	1,524	39,943	32,492
23 8,224	16,067	.....	.....	120,112	179,704	464,239	158,997	61,657	4,395	400,018	17,852,944	2,378,843
24 11,077,186	16,800,093	15,091	16,347	72,001	11,354	361,010	20,130	2,242	231	63,908	694,984	322,620
25 448,700	501,314	327,068	198,769	1,967,160	136,597	3,587,425	74,441	56,281	12,929	465,077	7,987,931	4,263,909
26 9,367,151	6,822,747	14,450	7,606	54,697	1,956	141,680	10,780	1,650	3,560	21,391	316,043	172,507
27 290,174	287,670	4,326	4,195	17,364	654	45,776	1,790	72	.....	4,854	37,885	41,455
28 47,293	79,225	40,964	16,454	409,762	15,107	587,329	14,794	11,539	8,542	64,829	1,389,191	789,755
29 1,176,654	1,168,370	63,140	136,677	273,260	450,266	210,642	.....	166,823	.....	72,478	1,633,635	1,022,727
30 13,978,035	1,373,686	3,480	2,500	21,313	531	58,179	2,090	351	.....	10,787	119,633	60,923
31 84,468	99,231	7,440	7,776	36,204	1,187	46,046	12,030	407	.....	10,188	139,592	92,359
32 89,240	121,278	39,546	24,003	139,576	70,261	70,867	8,631	9,688	.....	74,343	557,711	416,583
33 1,486,894	437,785	122,951	22,951	122,951	6,983	594,881	35,760	3,865	86	32,827	1,011,597	409,763
34 599,010	894,236	23,520	12,721	126,305	43,353	65,437	.....	5,780	12,487	26,308	376,033	267,243
35 1,282,153	316,391	220,973	202,237	708,783	171,742	2,059,073	180	800,038	.....	1,056,912	6,902,697	4,671,882
36 11,119,072	5,310,588	2,427,125	1,188,254	31,926,917	262,779	36,616,087	139,140	870,831	1,405,691	5,970,126	89,154,820	52,275,954
37 97,224,264	80,266,950	40,620	20,890	410,256	16,597	252,446	10,104	4,714	2,779	62,730	1,021,938	752,945
38 1,939,773	627,136	13,478	12,728	131,017	13,403	423,775	10,054	4,973	.....	39,825	718,021	280,843
39 804,855	649,253	13,478	240	18,584	1,067	5,783	1,920	95	.....	1,763	47,550	40,700
40 27,982	33,082	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
41 6,404	2,532	.....	.....	.....	.....	1,408	842	14	.....	268	9,995	8,587
42 67,015	88,569	13,400	6,450	14,751	650	42,465	4,500	150	.....	6,203	104,655	61,540
43 296,278	265,178	7,370	10,806	50,745	3,382	151,113	3,740	1,445	.....	36,577	281,838	127,343
44 249,103	200,789	9,405	16,480	19,329	1,880	104,605	4,254	1,250	.....	43,586	257,904	151,419
45 87,514	135,798	9,310	7,768	72,865	2,953	26,874	6,025	320	.....	9,688	184,192	154,360
46 1,022,709	389,942	27,075	11,595	197,036	60,978	50,940	.....	3,634	.....	38,684	523,350	411,432
47 5,867,064	7,537,158	664,116	865,284	2,140,453	82,918	2,140,672	211,798	33,146	367,889	1,031,352	9,286,188	7,062,598
48 2,038,706	1,435,384	73,760	27,560	642,682	35,903	526,455	11,407	10,844	3,859	103,614	1,550,187	887,829
49 48,488	139,531	4,800	3,420	49,061	2,590	67,688	5,287	201	344	6,080	183,416	93,138
50 5,103,334	15,009,678	107,020	128,379	574,839	81,946	13,678,036	7,849	23,874	.....	409,635	15,653,998	1,894,016
51 99,142	194,521	9,110	4,875	53,213	856	112,367	5,784	412	.....	7,904	211,049	97,826
52 14,352	24,171	.....	.....	11,066	320	6,410	2,350	60	.....	3,965	35,216	28,486
53 367,183	560,086	11,002	11,018	205,148	2,433	238,045	13,272	43,071	126	35,971	680,004	440,126
54 15,528	17,269	3,800	.....	1,361	78	8,609	1,440	68	.....	1,923	20,184	11,497
55 147,977	233,960	13,150	10,737	25,851	13,103	163,200	2,650	1,698	.....	13,571	325,045	168,742
56 30,242,124	20,897,625	410,351	305,265	2,220,908	925,761	15,883,920	80,696	83,026	20,658	930,740	22,877,593	6,067,917

4 All other industries embrace—Continued.

Hosiery and knit goods..... 3

Instruments, professional and scientific..... 1

Iron and steel, steel works and rolling mills..... 1

Iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills..... 2

Iron and steel forgings..... 2

Iron and steel pipe, wrought..... 1

Jewelry..... 0

Jewelry and instrument cases..... 1

Leather, tanned, curried, and finished..... 4

Liquors, distilled..... 1

Looking-glass and picture frames..... 4

Malt..... 2

Millinery and lace goods..... 2

Mineral and soda waters..... 49

Musical instruments, pianos and organs and materials..... 2

Paper and wood pulp..... 2

Paper goods, not elsewhere specified..... 2

Paving materials..... 1

Pipes, tobacco..... 1

Rice, cleaning and polishing..... 3

Roofing materials..... 2

Saws..... 2

Signs and advertising novelties..... 2

Smelting and refining, copper..... 2

Smelting and refining, lead..... 1

Soap..... 2

Statuary and art goods..... 4

Stereotyping and electrotyping..... 1

Type founding and printing materials..... 2

Upholstering materials..... 1

Vault lights and ventilators..... 1

Vinegar and cider..... 7

Washing machines and clothes wringers..... 1

Window shades and fixtures..... 5

Wirework, including wire rope and cable..... 3

Wood preserving..... 6

Wood, turned and carved..... 2

Wool pulling..... 2

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES,

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

SEATTLE.

INDUSTRY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).			Total.	16 and over.		Under 16.			
					Male.	Female.	Total.	Male.	Female.		Under 16.	Male.	Female.	Male.	Female.	
1 All industries.....	751	14,014	621	680	1,124	258	11,331	10,280	1,023	48	12,112	10,904	1,159	44	5	37,782
2 Bread and other bakery products.....	78	461	92	19	35	20	295	251	43	1	294	250	43		1	148
3 Brick and tile.....	5	154	2	10	2	3	137	137			140	140				482
4 Butter, cheese, and condensed milk.....	6	36	5	3	4	2	22	18	4		22	18	4			55
5 Canning and preserving.....	7	85		9	12	5	59	53	0		57	51	6			233
6 Carriages and wagons and materials.....	12	136	16	9	2		109	109			99	99				78
7 Clothing, men's, including shirts.....	5	165	2	4	17	1	141	10	131		203	14	189			47
8 Confectionery.....	20	404	15	16	44	6	383	120	262	1	430	137	298		1	213
9 Copper, tin, and sheet-iron products.....	36	429	36	25	12	4	352	344	7	1	350	348	7	1		116
10 Flour-mill and gristmill products.....	7	227	2	15	51	4	155	152	3		185	182	3			2,365
11 Foundry and machine-shop products.....	71	1,479	44	90	97	18	1,230	1,228		2	1,289	1,287		2		2,787
12 Fur goods.....	7	48	4	3	3	1	37	13	24		56	19	37			4
13 Furniture and refrigerators.....	17	195	19	6	3	1	166	166			167	167				239
14 Gloves and mittens, leather.....	3	31	5	2	1		23	12	11		26	14	12			3
15 Ice, manufactured.....	5	79		9	9		61	61			61	61				721
16 Leather goods.....	8	122	8	12	17	4	81	77	4		75	71	4			41
17 Liquors, malt.....	5	440		18	54	6	362	357	5		352	347	5			1,880
18 Lumber and timber products.....	63	3,337	39	104	101	17	3,076	3,072	1	3	3,437	3,433	1	3		19,480
19 Marble and stone work.....	5	68	3	3	5	3	54	54			52	52				38
20 Patent medicines and compounds and druggists' preparations.....	8	42	4	5	9		24	15	9		25	16	9			54
21 Printing and publishing.....	133	1,597	117	88	283	67	1,042	888	129	25	1,055	899	131	23	2	791
22 Slaughtering and meat packing.....	4	383		12	34	11	325	313	7		309	302	7			468
23 Tobacco manufactures.....	24	95	26	1	2	1	65	54	10	1	75	62	12	1		
24 All other industries ¹	222	3,941	181	217	327	84	3,132	2,751	367	14	3,341	2,935	391	14	1	7,538

¹ All other industries embrace: Artificial flowers and leathers and plumes, 1; artificial stone, 3; automobiles, including bodies and parts, 4; awnings, tents, and sails, 9; babbitt metal and solder, 2; bags, other than paper, 1; baskets, and rattan and willow ware, 1; belting and hose, leather, 2; blacking and cleansing and polishing preparations, 3; bluing, 1; boots and shoes, including cut stock and findings, 9; boxes, fancy and paper, 4; brass and bronze products, 4; brooms, 1; brushes, 2; buttons, 1; carpets, rag, 1; cars and general shop construction and repairs by steam-railroad companies, 2; cars and general shop construction and repairs by street-railroad companies, 2; cars, street-railroad, not including operations of railroad companies, 1; chemicals, 1; clothing, women's, 5; coffee and spice, roasting and grinding, 7; cooperage and wooden goods, not elsewhere specified, 2; cordage and twine and jute and linen goods, 1; cutlery and tools, not elsewhere specified, 6; electrical machinery, apparatus, and supplies, 3; electroplating, 2; fireworks, 1; flags, banners, regalia, society badges, and emblems, 1; food preparations, 11; furnishing goods, men's, 3; gas and electric fixtures and lamps and reflectors, 2; gas, illuminating and heating, 1; glass, cutting, staining, and ornamenting, 3; gold and silver, reducing and refining, not from the ore, 1; grease and tallow, 1;

SPOKANE.

1 All industries.....	286	5,295	263	257	654	131	3,989	3,609	365	15	4,287	3,847	425	14	1	9,295
2 Bread and other bakery products.....	33	345	42	11	25	7	260	151	108	1	290	169	120	1		84
3 Carriages and wagons and materials.....	5	44	7	1	1		35	35			33	33				35
4 Confectionery.....	10	163	12	7	17	1	126	53	72	1	104	69	94	1		78
5 Copper, tin, and sheet-iron products.....	13	140	12	8	8	1	111	111			131	131				50
6 Foundry and machine-shop products.....	14	344	11	24	19	2	288	286	1	1	280	278	1	1		531
7 Leather goods.....	6	48	5	5	8	1	29	29			29	29				11
8 Liquors, malt.....	4	117		8	15	2	92	92			86	80				883
9 Lumber and timber products.....	23	1,423	7	53	87	8	1,267	1,260		7	1,249	1,242		7		4,238
10 Marble and stone work.....	5	51	3	2	5		41	41			34	34				55
11 Printing and publishing.....	46	839	41	46	324	63	365	305	56	4	396	331	61	4		387
12 Tobacco manufactures.....	15	67	17	2	2		46	41	5		52	46	6			
13 All other industries ¹	112	1,714	106	90	143	46	1,329	1,205	123	1	1,543	1,399	143		1	2,943

¹ All other industries embrace: Agricultural implements, 1; artificial stone, 6; awnings, tents, and sails, 2; boots and shoes, including cut stock and findings, 1; boxes, fancy and paper, 1; brass and bronze products, 2; brick and tile, 3; brooms, 2; butter, cheese, and condensed milk, 3; canning and preserving, 2; cars and general shop construction and repairs by steam-railroad companies, 2; cars and general shop construction and repairs by street-railroad companies, 2; clothing, men's, including shirts, 2; coffee and spice, roasting and grinding, 3; coffins, burial cases, and undertakers' goods, 2; electroplating, 1; flavoring extracts, 1; flour-mill and gristmill products, 4; food preparations, 13; fur goods, 5; furnishing goods, men's, 1; furniture and refrigerators, 4; gas and electric fixtures and lamps and reflectors, 1; glass, illuminating and heating, 1; hair work, 1; hand stamps and stencils and brands, 3; ice, manufactured, 2; jewelry, 1; jewelry and instrument cases, 1;

TACOMA.

1 All industries.....	276	6,886	216	254	548	83	5,765	5,441	312	12	6,156	5,799	343	11	3	21,546
2 Bread and other bakery products.....	26	214	29	3	9	9	164	87	75	2	190	101	87	2		109
3 Canning and preserving.....	4	54	1	4	7	1	41	32	9		44	34	10			75
4 Carriages and wagons and materials.....	7	68	4	9		2	53	53			47	47				96
5 Copper, tin, and sheet-iron products.....	13	94	12	10	3		69	69			76	70				37
6 Flour-mill and gristmill products.....	5	156	2	9	26	3	116	112	4		133	129	4			2,630
7 Foundry and machine-shop products.....	23	462	16	25	25	4	392	390		2	477	475		2		649
8 Furniture and refrigerators.....	7	319	2	15	13	4	285	274	11		288	277	11			625
9 Lumber and timber products.....	31	3,116	12	72	84	13	2,935	2,931	2	2	3,014	3,010	2	2		12,862
10 Printing and publishing.....	42	617	37	27	242	18	293	249	42	2	300	255	42	3		264
11 Shipbuilding, including boat building.....	6	40	8	1			31	31			44	44				58
12 Tobacco manufactures.....	17	100	21	1	1		77	59	18		82	63	19			
13 All other industries ¹	95	1,626	72	78	188	29	1,309	1,154	151	4	1,461	1,288	168	2	3	4,141

¹ All other industries embrace: Artificial stone, 8; automobiles, including bodies and parts, 1; awnings, tents, and sails, 3; babbitt metal and solder, 1; boots and shoes, including cut stock and findings, 2; boxes, cigar, 1; boxes, fancy and paper, 1; brass and bronze products, 1; brick and tile, 1; brooms, 2; butter, cheese, and condensed milk, 3; carpets, rag, 1; cars and general shop construction and repairs by steam-railroad companies, 2; cars and general shop construction and repairs by street-railroad companies, 1; clothing, men's, including shirts, 2; coffee and spice, roasting and grinding, 4; coffins, burial cases, and undertakers' goods, 1; confectionery, 5; cooperage and wooden goods, not elsewhere specified, 2; cordials and sirups, 1; electrical machinery, apparatus, and supplies, 1; flavoring extracts, 1; food preparations, 5; fur goods, 2;

STATISTICS OF MANUFACTURES.

675

AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

SEATTLE.

	Capital.	EXPENSES.									Value of products.	Value added by manufacture.	
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.			Other.
1	\$46,471,630	\$44,665,203	\$1,399,303	\$1,350,471	\$8,568,818	\$738,442	\$27,946,292	\$496,048	\$705,306	\$127,563	\$3,332,972	\$50,569,198	\$21,884,484
2	445,493	1,325,255	25,000	39,619	260,048	24,732	868,762	33,888	2,829	1,872	68,510	1,550,251	650,757
3	292,571	134,385	10,890	3,165	100,378	34,208	2,536	664	2,909	.....	23,575	259,239	222,405
4	110,443	488,088	5,100	5,220	19,277	1,225	437,024	3,000	352	.....	16,290	513,923	75,074
5	298,198	334,028	14,450	11,472	44,446	1,972	231,926	3,600	1,644	.....	24,518	344,040	160,142
6	163,135	242,268	11,260	1,320	95,491	6,152	110,413	8,700	694	150	8,088	298,402	181,837
7	242,533	349,577	8,920	17,299	57,915	2,242	233,690	6,210	977	144	22,180	374,059	138,127
8	1,019,571	1,324,417	33,695	55,583	189,701	16,787	873,291	26,493	5,300	.....	123,567	1,490,610	600,532
9	448,319	948,998	40,511	14,699	281,946	8,007	548,987	26,036	2,043	122	26,647	1,139,762	573,768
10	2,414,538	4,240,947	50,460	61,079	111,013	36,070	3,835,485	8,800	13,163	.....	124,277	4,439,408	558,253
11	5,022,814	3,680,650	188,938	103,466	1,022,664	65,081	1,976,531	56,407	31,730	3,443	232,390	4,289,630	2,248,018
12	109,336	130,830	6,800	3,140	32,215	314	74,367	5,820	625	.....	7,549	149,652	74,971
13	173,028	311,202	8,124	3,600	139,307	4,378	135,695	10,693	801	.....	8,004	404,502	264,429
14	23,968	41,524	1,800	1,000	10,497	176	24,545	1,860	156	.....	1,491	52,848	28,128
15	828,206	185,091	13,300	9,300	52,785	37,175	31,305	6,000	4,534	.....	30,622	224,950	166,070
16	222,493	396,628	18,012	17,051	60,272	5,175	261,883	10,090	1,312	86	16,747	443,593	170,535
17	4,407,745	2,244,095	96,033	89,245	299,795	64,212	812,885	180	350,878	.....	524,867	2,815,047	1,937,950
18	7,719,980	6,792,719	205,162	119,133	2,222,217	14,406	3,601,960	33,765	50,870	12,800	406,439	7,739,199	4,062,833
19	88,994	161,891	5,500	6,340	46,884	1,145	79,373	4,410	261	.....	17,972	218,406	137,888
20	58,721	112,350	6,880	12,220	12,256	666	41,161	3,198	509	.....	36,400	152,563	110,736
21	2,542,293	3,212,720	190,347	360,227	903,848	24,486	1,017,872	86,388	11,828	90,527	527,202	4,009,378	2,987,020
22	2,808,337	6,932,177	52,120	52,682	239,938	18,181	6,391,363	3,829	13,830	.....	160,234	7,170,724	761,189
23	71,478	1,165,634	1,200	3,200	44,798	254	46,090	2,227	8,553	6	9,356	139,362	63,618
24	17,459,096	10,909,619	398,801	360,411	2,321,132	370,799	6,248,648	147,786	187,442	18,403	856,297	12,317,050	5,697,703

band stamps and stencils and brands; hats and caps, other than felt, straw, and wool; hosiery and knit goods; instruments, professional and scientific; iron and steel, steel works and rolling mills; iron and steel, bolts, nuts, washers, and rivets, not made in steel works or rolling mills; iron and steel forgings; iron and steel pipe, wrought; jewelry; leather, tanned, curried, and finished; mattresses and spring beds; millinery and lace goods; mineral and soda waters; models and patterns, not including paper patterns; musical instruments and materials, not specified; optical goods; paint and varnish; paper goods, not elsewhere specified; paving materials; photo-engraving; pipes, tobacco; rice, cleaning and polishing; roofing materials; saws; shipbuilding, including boat building; show cases; signs and advertising novelties; soap; staturary and art goods; stereotyping and electrotyping; stoves and furnaces, including gas and oil stoves; surgical appliances and artificial limbs; type founding and printing materials; umbrellas and canes; vault lights and ventilators; vinegar and cider; wall plaster; window shades and fixtures; wirework, including wire rope and cable; wood preserving; wood, turned and carved; wool pulling.

SPOKANE.

1	\$16,434,413	\$16,533,807	\$639,558	\$693,138	\$3,098,063	\$317,019	\$9,926,672	\$182,408	\$211,562	\$332,360	\$1,134,027	\$18,879,591	\$8,636,900
2	502,564	1,029,156	15,081	51,292	170,180	21,254	664,673	23,473	2,368	5,485	75,350	1,210,728	524,801
3	130,735	70,547	1,900	1,000	27,577	2,781	43,317	600	90	.....	933	99,452	53,354
4	497,452	387,393	10,820	18,006	57,944	9,062	242,636	5,080	1,158	.....	42,092	406,321	154,623
5	318,495	359,907	12,296	8,047	120,441	1,842	193,275	7,211	2,359	800	14,033	407,099	212,582
6	856,457	765,455	41,470	21,075	212,512	13,356	401,242	4,145	5,800	5,980	60,375	870,791	456,193
7	129,390	202,307	11,740	5,900	21,487	467	149,827	6,490	692	.....	5,704	224,176	73,882
8	2,134,501	797,383	23,800	32,315	113,041	34,234	346,181	.....	138,347	.....	111,465	1,198,860	818,445
9	3,601,768	3,024,312	93,302	92,817	931,863	25,447	1,458,340	19,839	23,688	76,215	302,501	3,301,660	1,817,873
10	154,379	114,810	4,800	4,710	45,103	1,641	51,573	1,696	306	.....	4,481	147,781	94,587
11	781,808	1,868,872	271,704	264,121	375,831	12,442	464,308	38,312	4,250	241,615	195,929	2,120,401	1,643,651
12	66,714	97,908	2,848	2,700	35,280	831	37,956	2,192	5,614	.....	7,487	108,302	69,515
13	7,320,150	7,807,252	149,737	191,155	984,201	193,662	5,872,344	72,770	28,131	1,875	318,377	8,788,420	2,717,414

looking-glass and picture frames; mattresses and spring beds; mineral and soda waters; models and patterns, not including paper patterns; musical instruments and materials, not specified; paint and varnish; patent medicines and compounds and druggists' preparations; photo-engraving; roofing materials; shipbuilding, including boat building; show cases; signs and advertising novelties; slaughtering and meat packing; soap; staturary and art goods; stoves and furnaces, including gas and oil stoves; surgical appliances and artificial limbs; type founding and printing materials; vinegar and cider; wall plaster; wirework, including wire rope and cable; wood, turned and carved.

TACOMA.

1	\$21,532,825	\$20,432,215	\$579,209	\$451,882	\$3,985,495	\$246,074	\$13,470,026	\$121,448	\$351,374	\$58,189	\$1,168,518	\$22,449,979	\$8,733,879
2	261,539	499,657	8,000	13,617	83,606	7,817	325,590	5,636	1,612	.....	53,479	566,023	233,216
3	148,190	183,984	7,200	41,056	8,244	2,479	117,040	1,169	646	.....	6,144	190,228	70,703
4	128,101	170,912	12,208	1,080	35,987	2,782	104,476	8,820	819	61	5,670	191,017	83,759
5	142,238	89,827	12,216	3,130	67,233	1,077	87,640	9,585	880	.....	7,560	230,818	142,101
6	2,397,014	3,677,093	39,895	24,023	76,128	30,834	3,398,934	.....	14,144	3,195	89,940	3,844,348	414,580
7	1,836,087	1,154,368	43,619	27,425	289,286	25,075	671,867	4,716	8,274	1,733	82,373	1,397,629	670,687
8	812,444	686,721	23,520	10,994	194,091	6,406	341,859	1,056	9,899	.....	48,917	690,497	342,232
9	7,411,857	5,591,070	182,880	95,331	1,959,076	8,871	2,880,384	21,336	131,333	39,140	276,270	6,040,236	3,150,980
10	603,039	936,175	101,959	117,127	253,056	5,891	240,899	37,097	4,567	13,400	162,239	1,094,999	847,909
11	56,705	70,715	1,600	.....	28,568	685	37,683	1,454	98	.....	617	90,065	51,697
12	65,889	121,315	1,404	1,300	47,300	402	52,212	2,608	11,119	.....	4,970	149,054	97,340
13	7,660,022	7,200,278	144,708	149,611	910,108	153,755	5,211,430	27,903	107,667	3,660	431,430	7,904,466	2,629,275

furnishing goods, men's; gas, illuminating and heating; glass, cutting, staining and ornamenting; hand stamps and stencils and brands; ice, manufactured; jewelry; leather goods; soap; leather, tanned, curried, and finished; liquors, malt; malt; marble and stone work; mattresses and spring beds; mineral and soda waters; models and patterns, not including paper patterns; paint and varnish; patent medicines and compounds and druggists' preparations; photo-engraving; rice, cleaning and polishing; show cases; slaughtering and meat packing; soap; staturary and art goods; stoves and furnaces, including gas and oil stoves; surgical appliances and artificial limbs; wall plaster; wood, turned and carved.

SUPPLEMENT FOR WASHINGTON.

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, AND CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

CITY.	Number of establishments	PERSONS ENGAGED IN INDUSTRY.										WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY.						Primary horse-power.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks.		Wage earners (average number).				Total.	16 and over.		Under 16.				
					Male.	Female.	Total.	16 and over.		Under 16.		Male.	Female.	Male.	Female.			
								Male.	Female.									
1 ABERDEEN.....	43	1,051	26	56	44	16	1,509	1,480	26	3	1,761	1,727	30	2	2	9,582		
2 BELLINGHAM.....	96	1,795	89	38	80	22	1,556	1,456	73	37	1,270	1,181	59	30	.....	5,176	
3 EVERETT.....	94	2,723	77	138	94	39	2,375	2,290	70	15	2,523	2,437	75	14	.....	11,481	
4 NORTH YAKIMA.....	36	723	32	23	57	9	602	589	23	20	745	602	28	25	.....	1,975	
5 WALLA WALLA.....	48	529	39	36	49	17	383	370	16	2	396	378	16	2	.....	1,500	

STATISTICS OF MANUFACTURES.

677

TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909—Continued.

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

	Capital.	EXPENSES.									Value of products.	Value added by manufacture.	
		Total.	Services.			Materials.		Miscellaneous.					
			Officials.	Clerks.	Wage earners.	Fuel and rent of power.	Other.	Rent of factory.	Taxes, including internal revenue.	Contract work.			Other.
1	\$4,559,565	\$3,515,307	\$99,400	\$62,081	\$994,651	\$26,221	\$2,146,199	\$6,423	\$48,854	\$6,197	\$125,281	\$3,590,230	\$1,417,810
2	3,287,558	3,885,775	71,705	86,602	1,026,739	68,922	2,852,824	25,061	35,850	21,543	196,629	4,599,637	2,177,891
3	6,604,979	6,777,133	228,661	130,348	1,719,644	113,007	3,745,695	16,834	58,096	10,253	754,595	7,423,087	3,564,385
4	2,296,953	1,814,953	37,460	67,562	374,127	35,608	914,627	9,284	33,245	150,874	192,268	2,175,367	1,225,232
5	2,336,063	2,011,509	67,732	59,253	322,831	66,176	1,318,926	12,883	37,919	5,033	120,756	2,316,813	931,711

CHAPTER 6.

MINES AND QUARRIES.

Introduction.—The present chapter contains a complete statement of the statistics of all mining industries, which include all mines and quarries in the state of Washington for the year 1909, as shown by the Thirteenth Census.

A brief explanation of the scope of the census of mining industries and of the terms used, in so far as the usage differs from that followed in the census of manufactures, is presented below in order to prevent any misinterpretation of the statistics.

The explanations here given show the usage of the mining census generally, though some of the special rules have obviously no relation to particular states in which the industries referred to do not exist.

Scope of census.—The Thirteenth Census covered all classes of mines, quarries, and petroleum and gas wells that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually. Where the mineral products are not marketed in their crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

Period covered.—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

Number of operators.—As a rule, the unit of enumeration was the "operator." Every individual, firm, or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management or for which one set of books of account was kept. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry.

Number of mines, quarries, and wells.—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators.

Expenses of operation and development.—A certain amount of development work is incidental to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

Wages.—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system.

Supplies and materials.—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks and repairs; renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown separately in the general table.

Capital.—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the figures reported apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

Persons engaged in mining industries.—The statistics of the number of operators and officials, clerks, and wage earners, are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

Value of products.—Statistics of the value of mineral products were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for a mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year.

MINING IN WASHINGTON.

Summary.—Statistics for all mining enterprises in the state of Washington are presented in Table 7, which gives statistics for all industries combined and for producing enterprises separately in all cases where the statistics could be given without disclosing the operations of an individual enterprise. Statistics for nonproducing gold and silver mines are also shown separately.

The total value of the products of mines and quarries in Washington in 1909 amounted to \$10,537,556. Of this amount the bituminous coal mining industry, including the coal sold as such and the coke made at the mines, contributed \$9,226,793, of which \$8,986,189 represented the value of the coal and \$240,604 the value of the coke. Granite and sandstone quarrying, which reported products valued respectively at \$739,107 and \$271,207, were the industries next in importance.

In the production of sandstone, gold and silver (deep mines), and copper, the expenses of operation and development exceeded the value of the products. This was due in part to unprofitable mining ventures and in part to expenditures for development work which added to the permanent value of the mining properties.

Character of organization.—Table 1 classifies the producing mining operations of the state under form of organization, distinguishing corporations from individual owners and firms, while Table 2 gives further details for incorporated enterprises distinguished from those which are unincorporated. Out of a total of 93 operators, 65 were corporations. These corporations reported 95.6 per cent of the total value of products and employed 94.8 per cent of all wage earners.

INDUSTRY AND CHARACTER OF ORGANIZATION.	PRODUCING ENTERPRISES: 1909						
	Number of operators.	Number of wage earners.	Value of products.		Per cent distribution.		
			Total.	Per operator.	Operators.	Wage earners.	Value of products.
All industries.	93	7,343	\$10,537,556	\$113,307	100.0	100.0	100.0
Individual.....	16	207	308,786	19,299	17.2	2.8	2.9
Firm.....	12	177	150,015	12,578	12.9	2.4	1.4
Corporation.....	65	6,959	10,077,855	155,044	69.9	94.8	95.6
Bituminous coal	32	6,155	9,226,793	288,337	100.0	100.0	100.0
Individual ¹	4	71	114,229	28,557	12.5	1.2	1.2
Corporation.....	28	6,084	9,112,564	325,440	87.5	98.8	98.8
Granite	14	469	739,107	52,793	100.0	100.0	100.0
Individual ¹	8	159	232,447	29,056	57.1	33.9	31.4
Corporation.....	6	310	506,660	84,443	42.9	66.1	68.6

¹ Includes 1 firm.

	Incorporated.	Unincorporated.
Number of operators.....	65	28
Number of mines and quarries.....	129	41
Proprietors and firm members, total.....		48
Number performing manual labor.....		16
Salaried employees:		
Officers of corporations.....	29	
Superintendents and managers.....	76	9
Clerks and other salaried employees.....	143	5
Wage earners, Dec. 15, 1909, or nearest representative day.....	6,959	384
Capital.....	\$12,258,210	\$816,481
Expenses of operation and development.....	7,428,321	372,401
Salaries—		
Officers of corporations.....	37,449	
Superintendents and managers.....	158,156	17,593
Clerks and other salaried employees.....	126,408	5,060
Wages.....	5,599,719	291,238
Royalties and rent of mines.....	133,384	7,847
Taxes.....	91,426	2,167
Supplies and miscellaneous expenses.....	1,281,779	48,446
Value of products.....	10,077,855	459,701

Size of enterprises.—In Table 3 the producing enterprises are classified according to the number of wage earners employed per enterprise or operating unit. Of the 102 producing enterprises only 15 employed over 100 wage earners each. These enterprises, however, employed 69.7 per cent of the wage earners reported by all enterprises.

INDUSTRY AND WAGE EARNERS PER ENTERPRISE.	PRODUCING ENTERPRISES: 1909			
	Enterprises.		Wage earners.	
	Number.	Per cent distribution.	Number.	Per cent distribution.
All industries	102	100.0	7,343	100.0
No wage earners.....	2	2.0		
Contract work.....	3	2.9		
1 to 5.....	19	18.6	59	0.8
6 to 20.....	27	26.5	322	4.4
21 to 50.....	22	21.6	773	10.5
51 to 100.....	14	13.7	1,074	14.6
Over 100.....	15	14.7	5,115	69.7
Bituminous coal	40	100.0	6,155	100.0
1 to 20.....	9	22.5	111	1.8
21 to 50.....	7	17.5	282	4.6
51 to 100.....	10	25.0	772	12.5
Over 100.....	14	35.0	4,990	81.1
Granite	14	100.0	469	100.0
1 to 5.....	3	21.4	11	2.3
6 to 20.....	5	35.7	60	12.8
Over 20.....	6	42.9	398	84.9

Prevailing hours of labor.—In Table 4 all producing enterprises, except those employing no wage earners and those operated exclusively by contract work, have been classified according to the prevailing hours of labor per day in each enterprise or operating unit. The table shows the percentage of the total number of enterprises falling in each group, and also a per cent distribution in which each enterprise has been given a

weight according to the total number of wage earners employed December 15, 1909, or the nearest representative day. It should be borne in mind that this latter distribution does not show the exact proportion of the total number of wage earners working the specified number of hours per day, since, in some cases, a part of the employees worked a greater or less number of hours than those generally prevailing in the enterprise. For all industries combined a day of eight hours prevailed in 88.7 per cent of the enterprises weighted according to the number of wage earners. In the production of bituminous coal the corresponding percentage was 98.8.

INDUSTRY AND HOURS PER DAY.	PRODUCING ENTERPRISES: 1909		
	Enterprises.		Per cent distribution of enterprises weighted according to number of wage earners.
	Number.	Per cent distribution.	
All industries	97	100.0	100.0
8 hours.....	66	68.0	88.7
9 hours.....	10	10.3	3.4
10 hours.....	20	20.6	7.8
11 hours.....	1	1.0	0.1
Bituminous coal	40	100.0	100.0
8 hours.....	38	95.0	98.8
9 hours.....	1	2.5	0.9
10 hours.....	1	2.5	0.3
Granite	14	100.0	100.0
8 hours.....	5	35.7	28.4
9 hours.....	3	21.4	11.9
10 hours.....	6	42.9	59.7

Duplication between manufactures and mining.—In a number of industries some of the operators subjected the products obtained to certain manufacturing processes on the premises before marketing. These enterprises have been included in the statistics both for manufactures and for mining. As a result of this fact, the combined value of products for the manufacturing and mining industries in Washington involves a duplication of \$681,100.

Engines and power.—The aggregate horsepower employed in producing enterprises, as shown by Table 5, was 20,742, of which 20,117 was developed by engines

and water wheels or motors owned by the enterprises using them and 625 by electric motors operated by purchased current.

CHARACTER OF POWER.	PRODUCING ENTERPRISES: 1909				
	Total.	Bituminous coal.	Granite.	Gold and silver, Deep mines.	All other.
Primary power:					
Aggregate horsepower.....	20,742	16,812	1,217	1,201	1,512
Owued.....	20,117	16,641	972	1,032	1,472
Steam engines—					
Number.....	215	133	34	17	31
Horsepower.....	19,446	16,300	972	707	1,467
Gas or gasoline engines—					
Number.....	7	1	.....	6	.....
Horsepower.....	132	7	.....	125	.....
Water wheels—					
Number.....	18	16	.....	1	1
Horsepower.....	539	334	.....	200	5
Electric motors operated by purchased current—					
Number.....	22	6	6	9	1
Horsepower.....	625	171	245	169	40
Electric motors run by current generated by enterprise using:					
Number.....	177	169	6	1	1
Horsepower.....	5,994	5,834	135	10	15

¹ Includes 2 water motors of 14 horsepower.

Comparison of mining industries: 1902-1909.—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1909 figures, as they appear in other tables in this chapter, statistics for the manufacture of coke at bituminous coal mines, and to add to the 1909 statistics, figures for the production of lime, which were omitted from the census of mines and quarries in 1909. Such items as are comparable for the two years are presented in Table 6.

	PRODUCING ENTERPRISES.		
	1909	1902	Per cent of increase. ¹
Wages and salaries.....	\$6,342,392	\$4,063,773	56.1
Supplies and materials.....	\$1,196,670	\$615,807	94.3
Royalties and rent of mines.....	\$141,231	\$56,558	149.7
Contract work.....	\$23,849	\$29,600	-19.4
Value of products.....	\$10,826,503	\$5,393,659	100.7
Primary horsepower.....	20,987	11,910	76.2

¹ A minus sign (—) denotes decrease.

² Exclusive of amount paid to miners compensated by a share of the product, which is included under "Contract work," in Table 7.

DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7	Aggregate.	PRODUCING MINES AND QUARRIES.								NONPRODUCING MINES AND QUARRIES.		
		Total.	Bituminous coal.	Granite.	Sandstone.	Gold and silver, Deep mines.	Placer gold.	Copper.	All other. ¹	Total.	Gold and silver, Deep mines.	All other. ²
Number of operators.....	416	93	32	14	11	18	5	6	7	323	308	15
Number of mines and quarries.....	1,250	170	54	25	12	49	12	7	11	1,080	1,047	33
Capital ³	\$21,305,841	\$13,074,691	\$9,085,316	\$905,072	\$377,148	\$1,191,849	\$291,500	\$245,018	\$318,788	\$8,231,150	\$7,559,287	\$671,863
Expenses of operation and development.....	\$8,674,564	\$7,800,722	\$6,533,104	\$578,591	\$276,433	\$256,170	\$3,695	\$33,247	\$119,422	\$873,842	\$805,953	\$67,889
Services.....												
Salaried officers of corporations, superintendents, and managers.....	\$309,236	\$213,198	\$132,530	\$25,050	\$17,590	\$22,378		\$5,600	\$9,450	\$96,038	\$81,648	\$14,390
Clerks and other salaried employees.....	\$136,693	\$131,408	\$113,910	\$7,570	\$5,940	\$2,518			\$1,530	\$5,225	\$4,925	\$300
Wage earners.....	\$6,378,923	\$5,891,007	\$5,040,460	\$418,704	\$200,028	\$150,431	\$452	\$14,792	\$71,090	\$487,916	\$454,123	\$33,793
Miscellaneous.....												
Supplies.....	\$1,022,791	\$843,025	\$667,534	\$81,892	\$24,082	\$49,792	\$65	\$8,344	\$11,316	\$179,566	\$160,915	\$12,651
Fuel and rent of power.....	\$255,065	\$245,852	\$195,103	\$24,997	\$7,112	\$12,705		\$2,745	\$8,130	\$9,213	\$8,989	\$224
Royalties and rent of mines.....	\$142,239	\$141,231	\$103,330	\$3,389	\$5,003	\$9,859			\$19,650	\$1,008	\$8	\$1,000
Taxes.....	\$103,356	\$93,593	\$55,484	\$2,750	\$1,509	\$2,855		\$351	\$556	\$9,763	\$9,075	\$688
Contract work.....	\$62,741	\$14,462	\$10,102						\$1,200	\$48,279	\$48,279	\$2
Rent of offices and other sundry expenses.....	\$263,720	\$226,886	\$184,601	\$18,579	\$15,109	\$5,632	\$50	\$1,415	\$1,500	\$36,834	\$31,993	\$4,841
Value of products.....	\$10,537,556	\$10,537,556	\$9,226,793	\$739,107	\$271,207	\$156,227	\$3,700	\$15,438	\$125,084			
Persons engaged in industry.....	9,257	7,653	6,348	504	394	282	7	39	129	1,604	1,476	128
Proprietors and officials.....	607	162	69	26	18	27	3	6	13	445	407	38
Proprietors and firm members.....	398	48	6	7	16	3	3	6	350	319	31	
Number performing manual labor.....	67	2	0	0	1	4		3	51			
Salaried officers of corporations.....	51	29	16	0					3		4	
Superintendents and managers.....	158	85	47	12	11	2		1	4	73	70	
Clerks and other salaried employees.....	158	148	124	9	9	3		3	10	10	3	
Wage earners, Dec. 15, 1909, or nearest representative day.....	8,492	7,343	6,155	469	367	202	4	33	113	1,149	1,059	90
Above ground.....	2,595	2,358	1,337	469	367	86	4	12	33	237	194	43
Below ground.....	5,897	4,985	4,818			116		21	80	912	865	47
Men 16 years of age and over.....	8,461	7,312	6,124	469	367	202	4	33	113	1,149	1,059	90
Engineers, firemen, mechanics, etc.....	672	623	502	46	22	35		2	16	49	46	3
Above ground.....	592	546	426	46	22	34		2	16	46	43	3
Below ground.....	80	77	76			1			3	3		
Miners, miners' helpers, quarrymen, and stonecutters.....	5,764	4,774	3,834	380	318	115	4	30	93	990	922	68
Above ground.....	867	778		380	318	4	4	9	63	89	68	21
Below ground.....	4,897	3,996	3,834			111		21	30	901	854	47
All other employees.....	2,025	1,915	1,788	43	27	82		1	4	110	91	19
Above ground.....	1,165	1,003	880	43	27	48		1	4	102	83	19
Below ground.....	920	912	908			4				8	8	
Boys under 16 years of age (all above ground).....	31	31	31									
Number of wage earners employed on the 15th day of each month:												
January.....	6,742	6,431	5,722	277	273	97		55	7	811	300	11
February.....	6,804	6,578	5,795	342	279	110		43	9	316	305	11
March.....	6,855	6,544	5,658	412	288	117		42	27	311	300	11
April.....	7,085	6,738	5,674	530	322	139		20	53	347	338	9
May.....	7,407	7,015	5,802	640	329	121	2	18	97	392	383	9
June.....	7,521	7,029	5,763	729	256	150	2	15	114	492	461	31
July.....	7,501	7,031	5,702	710	245	160	2	11	135	470	450	20
August.....	7,439	6,865	5,708	670	212	162	2	10	101	574	533	41
September.....	7,862	7,182	5,988	704	204	172	2	10	102	680	630	50
October.....	8,031	7,304	6,044	714	215	185	2	23	121	727	671	56
November.....	7,955	7,174	6,062	606	172	192		26	116	781	724	57
December.....	7,749	6,955	6,020	427	198	180		23	107	704	731	63
Land controlled, acres.....	156,120	107,989	98,167	795	539	3,928	854	1,660	2,046	48,131	44,613	3,518
Owned.....	132,023	85,329	76,271	757	330	3,623	854	1,660	1,834	46,694	43,702	2,992
Held under lease.....	24,097	22,660	21,896	38	209	305			212	1,437	911	526
Mineral land.....	142,771	96,276	88,611	710	537	3,258	854	800	1,446	46,495	42,932	3,513
Owned.....	119,641	74,583	67,635	672	330	2,993	854	800	1,234	45,058	42,071	2,937
Held under lease.....	23,130	21,693	20,976	38	207	265			212	1,437	911	526
Timber land.....	2,300	1,580	620			160		800		720	720	
Other land.....	11,049	10,133	8,936	35	2	510			600	916	911	5
Primary horsepower.....	24,440	20,742	16,812	1,217	772	1,201		195	545	3,698	3,508	190

¹ Includes operators as follows: Clay, 1; marble, 2; mineral pigments, 1; traprock, 2; tungsten, 1.

² Includes operators as follows: Antimony, 1; bituminous coal, 3; clay, 3; granite, 1; limestone, 2; marble, 2; molybdenum, 1; tungsten, 2.

³ Exclusive of capital which could not be distributed by states because it was reported in one lump sum by operators having mining investments in two or more states.