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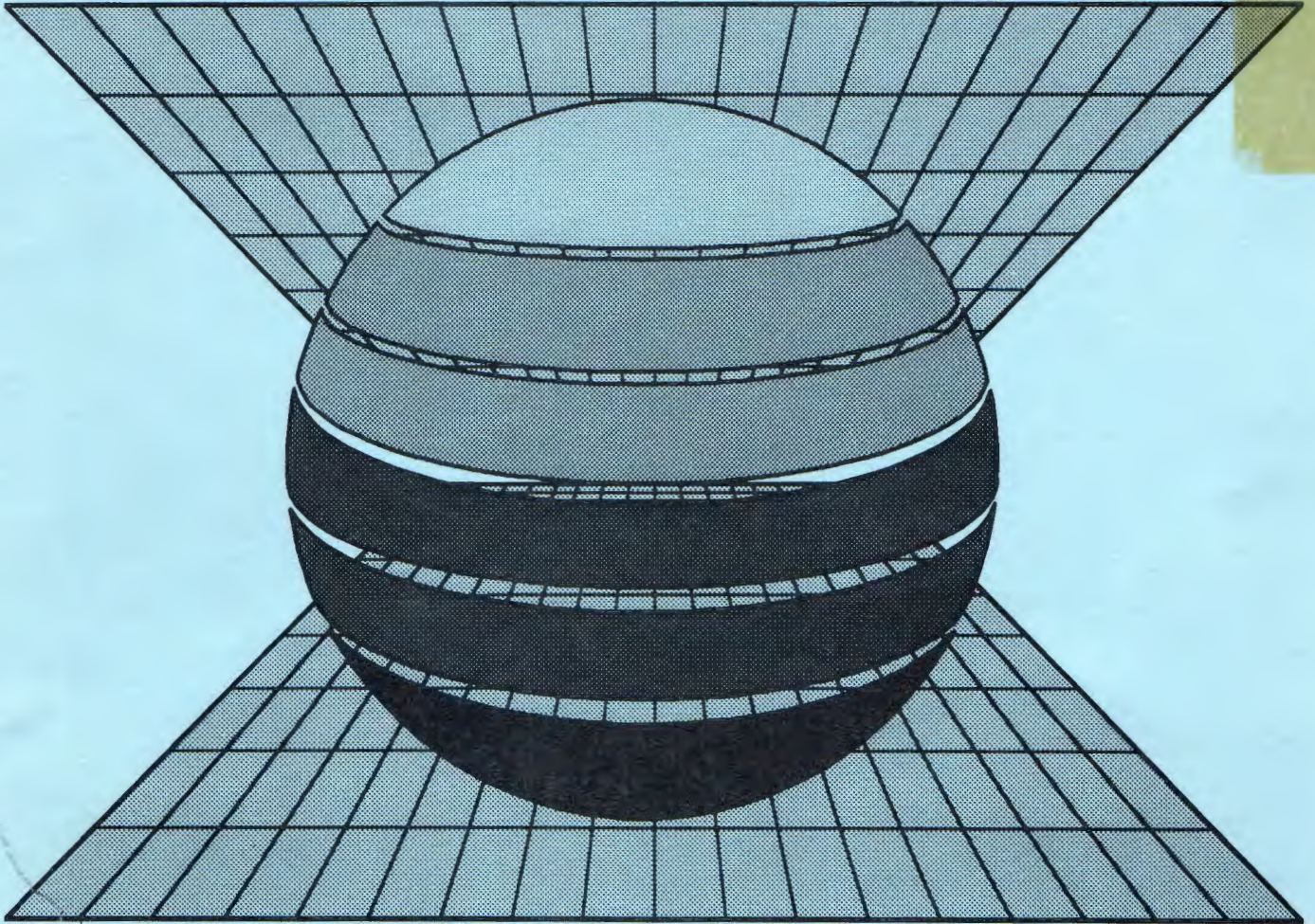
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EXPERIMENTAL RACE ESTIMATES

FOR OREGON: July 1, 1993



**Center for Population Research and Census
School of Urban and Public Affairs
Portland State University
Portland, Oregon 97207-0751**

EXPERIMENTAL RACE ESTIMATES

FOR OREGON: JULY 1, 1993

by

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SUMMARY

This report provides experimental population estimates by race for Oregon and its counties for July 1, 1993. Estimates of the Hispanic population are also included; Hispanics are an ethnic group and may be of any race.

Background

The Center for Population Research and Census decided to produce 1993 population estimates for Oregon counties by race and Hispanic Origin partly in response to requests by reporters, regional planners, service agencies, and businesses for this information. These population estimates are considered **experimental** and, as such, should be used cautiously. Like most population estimates, the larger the number the more confidence we have in the accuracy.

The Center is considering producing this report on a regular basis provided there is sufficient interest and we have confidence that the accuracy of the estimates is adequate for most users.

Population estimates presented in this report represent all the people who usually reside in the area designated. This includes people living in correctional institutions, nursing homes, and college dormitories. College students are considered residents of the place where they live while attending college. Seasonal populations, such as those living in summer homes, are considered residents of the place they consider their usual residence.

This report uses the same racial categories as that used in the 1990 Census by the Census Bureau, namely, Whites; Blacks; Asians and Pacific Islanders; and Native Americans, Eskimos, and Aleuts. The population in these four racial groups adds to the total population. The Hispanic population (which may be of any race) is estimated separately. In Census Bureau

publications, there is also a category called "other race;" this figure represents those who do not answer the question of race or who believe they do not belong in any of the four racial categories. The vast majority of the "other race" population is comprised of people who self-identify their ethnicity as Hispanic. For the 1990 Census, the Census Bureau developed a procedure that allocates people in the "other race" category into one of the four racial groups: Whites; Blacks; Asians and Pacific Islanders; and Native Americans, Eskimos, and Aleuts. The results of this procedure were placed in a special file known as "MARS." The MARS File categorizes approximately 90% of the "other race" as White. For consistency, the 1990 and 1993 figures in this report do not have an "other race" category. Consequently, the 1990 figures in this report (based on the MARS File) may be slightly different than the 1990 figures found in standard Census Bureau publications that have an "other race" category.

The experimental county population estimates by race and Hispanic Origin for July 1, 1993 involve a two-stage process. Initially, two methods are used to make two different population estimates for each county. The analyses are performed separately for each racial and Hispanic Origin group. The two estimates are then averaged together to obtain the experimental population estimate for each county.

In the first method, data on each of the components of population change (births, deaths, and migration) are used to estimate the county's population by race and Hispanic Origin. In particular, the births and deaths occurring to residents in each county from April 1990 through June 1993 are added to the April 1990 county population (categorized by race and Hispanic Origin according to the MARS File) to determine the "pre-migration" July 1993 population. To estimate the number of school age migrants, we compare the

county's 1993 K-12 school enrollment (after adjusting for the aging of the population since 1990) to the county's 1990 K-12 school enrollment. The difference in the two figures provides an estimate of the county's school age migrants. The ratio of the county's school age migrants to the state's school age migrants provides an estimate of the county's share of the state's total migration. The county's estimated migration is then added to the 1993 "pre-migration" population estimate to give an estimate of the 1993 county population by race and Hispanic Origin.

In the second method, the county's K-12 school enrollment in 1993 (after adjusting for the aging of the population since 1990) is divided by the county's K-12 school enrollment in 1990 to estimate the percentage change in the county population by race and Hispanic Origin since 1990. This ratio is multiplied by the county's 1990 share of the state's total population by race and Hispanic Origin to estimate the county's share of the 1993 state population, thereby providing an estimate of the 1993 county population by race and Hispanic Origin.

These two population estimates are averaged to determine the "pre-adjusted" 1993 county population estimates by race and Hispanic Origin. The "pre-adjusted" county figures are then controlled to the state total, thus giving the final **experimental** county population estimates for July 1993. The change in the state's K-12 school enrollment by race and Hispanic Origin between 1990 and 1993 (after adjusting for the aging of the population since 1990) is used to estimate the migration since 1990 and, thus, the 1993 state population by race and Hispanic Origin.

The tables in this report show the change in population from 1990 to 1993 by race and Hispanic Origin for Oregon counties. Data on births, deaths, and net migration are included in the tables. The following pages describe

the population estimates.

Results

Oregon's estimated July 1, 1993 population is 3,038,000 which represents about 1.2% of the United States' population of 257,783,000. Oregon's population increased 195,679 people (6.9%) from April 1, 1990 (the most recent Decennial Census) to July 1, 1993. This rate of increase is almost double that of the United States (3.6%) during this time.

Natural increase (births minus deaths) has accounted for about 54,300 new Oregonians and net migration (people moving to Oregon minus people leaving Oregon) has accounted for about 141,400 new Oregonians between 1990 and 1993.

Oregon's population continues to be predominantly White; in 1993, 94% or approximately 2,855,150 Oregonians were White. However, from 1990 to 1993, Oregon gained population in all racial groups. The number of Asians and Pacific Islanders increased from 70,239 to 86,100; Blacks increased from 47,017 to 51,250; Native Americans, Eskimos, and Aleuts increased from 40,522 to 45,500; Hispanics, who may be of any race (although this ethnic group is predominantly White according to self-report and the Census Bureau), increased from 112,708 to 147,300.

This latter increase of 34,592 means that the Hispanic population grew more than four times as fast as the overall state average from April 1990 to July 1993 (30.7% vs. 6.9%). During that same period, the Hispanic population grew more than all the non-White racial groups combined (34,600 vs. 25,100). In 1993, Hispanics comprised 4.8% of Oregon's population, up from 4.0% only three years earlier.

The number of Asians and Pacific Islanders also increased dramatically, growing at about three times the state average (22.6% vs. 6.9%). The large increase since 1990 in the Hispanic and Asian and Pacific Islander population

is a continuation of the trend experienced in the 1980s when these populations grew substantially faster than the overall state average. Nationally, the Asian and Pacific Islander population is the fastest growing, followed by the Hispanic population. However, the rate of growth of these two minority populations is faster in Oregon than the national average.

The Native American, Eskimo, and Aleut population and the Black population also grew faster than the state average (12.3% and 9.0% vs. 6.9%). In contrast, the White population grew by only 6.4%.

That Oregon is predominantly White is clearly shown by the fact that in 34 of Oregon's 36 counties at least 92% of the population is White. (It should be remembered that Hispanics may be of any race.) In Jefferson County, however, only 80% of its population is White, while 19% is classified as Native American, Eskimo, and Aleut. Approximately 13% of the population of Multnomah County is non-White; Blacks (6.1%) and Asians and Pacific Islanders (5.5%) are the predominant minority populations.

The minority population in Oregon is not equally distributed throughout the state. Additionally, the state's new minority residents tend to be concentrated in specific areas that have relatively large numbers of minorities.

Three counties contain about 47% of all the Hispanics in Oregon in 1993: Marion (25,055), Multnomah (23,425), and Washington (20,731). However, in six counties, at least 10% of the population is Hispanic: Malheur (22.3%), Hood River (19.2%), Morrow (15.9%), Jefferson (13.5%), Umatilla (10.4%), and Marion (10.1%). Eight counties gained more than 1,000 Hispanics from 1990 to 1993: Marion (+6,829), Washington (+6,330), Multnomah (+5,035), Clackamas (+2,200), Lane (+1,808), Jackson (+1,792), Yamhill (+1,275), and Umatilla (+1,236). Of these eight counties, only Umatilla is not located in a metropolitan area.

For many Oregon counties, a substantial proportion of the new residents are Hispanic. In particular, at least 30% of the new residents in 10 Oregon counties are Hispanic: Hood River (68%), Malheur (67%), Wasco (66%), Morrow (63%), Clatsop (56%), Jefferson (46%), Lake (38%), Marion (36%), Umatilla (33%), and Klamath (32%).

Oregon gained about 24,400 new Hispanic residents because of migration between 1990 and 1993. Natural increase also accounted for many new Hispanics (+10,209). The large number of Hispanic births reflects their relatively large population of childbearing ages and their higher fertility rate than the overall state average. Oregon may be expected to continue to increase its Hispanic population by several thousand people each year owing to natural increase.

The Asian and Pacific Islander Population is the second largest minority population comprising 2.8% of the state's total population. This minority population tends to concentrate in two counties: about three-fifths of them reside in Multnomah (39%) and Washington (20%). Approximately two-thirds of the new Asians and Pacific Islanders have located in Multnomah (+6,320) and Washington (+3,679). Other counties also gained relatively large numbers of Asians and Pacific Islanders from 1990 to 1993: Clackamas (+1,590), Lane (+1,227), and Marion (+761). The increase in Asians and Pacific Islanders was primarily the result of net migration (+11,930) with natural increase accounting for only one-fourth of the increase in this minority population (+3,931).

The Black population, which numbers 51,250, represents about 1.7% of the state's total population. Blacks appear to be the most geographically concentrated minority population in that about three-fourths of the state's Black population lives in Multnomah County (37,774). That many Oregon

counties have few blacks is illustrated by the finding that 14 counties have fewer than 50 blacks. More than one-half of Oregon's new Black population resides in Multnomah County (+2,176). Other counties gaining more than 150 Blacks were Washington (+660), Lane (+449), and Clackamas (+438). The increase in the number of Blacks from 1990 to 1993 is relatively evenly distributed between net migration (+2,329) and natural increase (+1,904). This is the only minority group that gained almost as many people through natural increase as it did through net migration.

The smallest minority population is the Native American, Eskimo, and Aleut population. This minority group represents only 1.5% (45,500) of the state's total population; it is also the least geographically concentrated minority population. Multnomah County has 16% (7,350) of the state's Native American, Eskimo, and Aleut population. No other county has more than 10% of the state's Native American, Eskimo, and Aleut population. However, Multnomah did not gain the most of this minority population since 1990; rather, it was Marion (+587), followed by Lane (+514), Washington (+440), Lincoln (+333), and then Multnomah (+287). Approximately two-thirds of the increase in the Native American, Eskimo, and Aleut population is the result of net migration with natural increase accounting for the remaining one-third (3,388 vs. 1,590).

Although the White population had the slowest growth rate, the vast majority of the new Oregonians were White. Oregon gained about 170,600 Whites (87% of the total increase) between 1990 and 1993. Approximately three-fourths of this increase was from net migration (+123,746) with one-fourth from natural increase (+46,861). The three Portland Area Counties accounted for about 46% of the increase in the state's White population from 1990 to 1993: Washington (+34,667), Multnomah (+22,330), and Clackamas (+20,896). Other counties gaining more than 10,000 Whites during this time were Marion

(+17,545), Lane (+12,898), Deschutes (+11,610), and Jackson (+10,013). All of these counties are in metropolitan areas with the exception of Deschutes.

As stated previously, the estimates found in this report represent the Center's first attempt at providing current information on the racial and ethnic make-up of Oregon's counties. We again caution that these estimates are experimental. The Center is interested in obtaining feedback regarding the utility of the estimates. Please address your comments to: Howard Wineberg, Center for Population Research and Census, Portland State University, Portland, OR 97207-0751, phone: (503) 725-5157. For other population information, please contact the Center for Population Research and Census at (503) 725-3922. You may also wish to try our HomePage at: <http://www.upa.pdx.edu/CPRC/>.

EXPERIMENTAL RACE ESTIMATES FOR OREGON AND ITS COUNTIES: JULY 1, 1993

July 1, 1993 Population Estimates

April 1, 1990 U.S. Census Counts

	July 1, 1993 Population Estimates						April 1, 1990 U.S. Census Counts					
	TOTAL	WHITE	BLACK	ASIAN*	NATIVE AMERICAN*	HISPANIC**	TOTAL	WHITE	BLACK	ASIAN*	NATIVE AMERICAN*	HISPANIC
State	3,038,000	2,855,150	51,250	86,100	45,500	147,300	2,842,321	2,684,543	47,017	70,239	40,522	112,700
Baker	16,100	15,801	30	59	210	265	15,317	15,080	30	54	153	27
Benton	73,300	67,661	728	4,265	646	2,179	70,811	65,695	625	3,913	578	1,73
Clackamas	302,000	291,710	1,582	6,459	2,249	9,329	278,850	270,814	1,144	4,869	2,023	7,12
Clatsop	33,700	32,533	129	523	515	871	33,301	32,355	116	451	379	64
Columbia	38,800	37,724	34	374	668	703	37,557	36,708	44	285	520	68
Coos	62,500	60,010	146	686	1,658	1,608	60,273	58,130	148	583	1,412	1,35
Crook	15,300	14,949	10	77	264	459	14,111	13,817	13	51	230	38
Curry	21,300	20,375	20	175	730	541	19,327	18,707	32	123	465	35
Deschutes	86,800	85,373	98	562	767	1,960	74,958	73,763	87	450	658	1,52
Douglas	96,400	93,603	191	888	1,718	2,498	94,649	92,325	144	679	1,501	2,22
Gilliam	1,750	1,721	0	19	10	26	1,717	1,698	0	9	10	3
Grant	7,900	7,798	4	18	80	147	7,853	7,741	6	18	88	15
Harney	6,900	6,582	3	53	262	242	7,060	6,745	3	40	272	22
Hood River	17,900	17,312	73	307	208	3,429	16,903	16,315	52	314	222	2,75
Jackson	157,000	152,649	432	1,811	2,108	7,741	146,389	142,636	353	1,450	1,950	5,94
Jefferson	14,900	11,889	25	94	2,892	2,007	13,676	10,870	24	62	2,720	1,44
Josephine	66,600	64,955	164	489	992	2,270	62,649	61,163	132	468	886	1,74
Klamath	60,300	56,741	482	546	2,531	3,824	57,702	54,338	405	473	2,486	2,98
Lake	7,350	7,123	5	43	179	332	7,186	6,927	5	49	205	27
Lane	298,000	284,780	2,580	6,840	3,800	8,660	282,912	271,882	2,131	5,613	3,286	6,85
Lincoln	40,000	38,148	99	453	1,300	846	38,889	37,500	70	352	967	59
Linn	96,100	93,710	189	966	1,235	2,611	91,227	89,130	186	810	1,101	2,17
Malheur	27,500	26,168	69	839	424	6,141	26,038	24,727	74	847	390	5,15
Marion	247,400	235,840	2,286	5,033	4,241	25,055	228,483	218,295	2,262	4,272	3,654	18,22
Morrow	8,450	8,283	14	28	125	1,345	7,625	7,491	8	31	95	82
Multnomah	615,000	535,951	37,774	33,925	7,350	23,425	583,887	513,621	35,598	27,605	7,063	18,39
Polk	53,600	51,697	233	769	901	3,432	49,541	47,823	205	692	821	2,80
Sherman	1,850	1,820	0	12	18	47	1,918	1,880	0	14	24	2
Tillamook	22,900	22,320	46	197	337	470	21,570	21,124	39	164	243	37
Umatilla	63,000	59,715	381	652	2,252	6,543	59,249	56,197	390	564	2,098	5,30
Union	24,300	23,536	126	339	299	432	23,598	22,947	101	285	265	38
Wallowa	7,200	7,115	6	43	36	105	6,911	6,844	6	25	36	11
Wasco	22,500	21,040	88	327	1,045	1,604	21,683	20,447	69	243	924	1,06
Washington	351,000	328,566	2,800	17,261	2,373	20,731	311,554	293,899	2,140	13,582	1,933	14,40
Wheeler	1,500	1,490	1	2	7	18	1,396	1,382	1	2	11	1
Yamhill	70,900	68,462	402	966	1,070	5,404	65,551	63,527	374	797	853	4,12

* Asians include Pacific Islanders; Native Americans include Eskimos and Aleuts.

** Hispanics may be of any race. The total population = Whites + Blacks + Asians + Native Americans.

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations of the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.

COMPONENTS OF TOTAL POPULATION CHANGE BY COUNTY: APRIL 1, 1990 - JULY 1, 1993

	April 1 1990 Census Population	July 1 1993 Population Estimate	Population Change 1990-1993	Percentage Change 1990-1993	Births 1990-1993	Deaths 1990-1993	Natural Increase 1990-1993	Net Migration 1990-1993
STATE	2,842,321	3,038,000	195,679	6.9	137,449	83,163	54,286	141,393
BAKER	15,317	16,100	783	5.1	603	616	-13	796
BENTON	70,811	73,300	2,489	3.5	2,675	1,305	1,370	1,119
CLACKAMAS	278,850	302,000	23,150	8.3	12,896	6,900	5,996	17,154
CLATSOP	33,301	33,700	399	1.2	1,429	1,201	228	171
COLUMBIA	37,557	38,800	1,243	3.3	1,583	1,029	554	689
COOS	60,273	62,500	2,227	3.7	2,391	2,292	99	2,128
CROOK	14,111	15,300	1,189	8.4	674	480	194	995
CURRY	19,327	21,300	1,973	10.2	695	781	-86	2,059
DESCHUTES	74,958	86,800	11,842	15.8	3,534	2,047	1,487	10,355
DOUGLAS	94,649	96,400	1,751	1.8	4,004	3,185	819	932
GILLIAM	1,717	1,750	33	1.9	52	50	2	31
GRANT	7,853	7,900	47	0.6	341	254	87	-40
HARNEY	7,060	6,900	-160	-2.3	284	233	51	-211
HOOD RIVER	16,903	17,900	997	5.9	976	470	506	491
JACKSON	146,389	157,000	10,611	7.2	6,485	4,630	1,855	8,756
JEFFERSON	13,676	14,900	1,224	8.9	908	348	560	664
JOSEPHINE	62,649	66,600	3,951	6.3	2,631	2,542	89	3,862
KLAMATH	57,702	60,300	2,598	4.5	2,775	1,795	980	1,618
LAKE	7,186	7,350	164	2.3	335	252	83	81
LANE	282,912	298,000	15,088	5.3	12,021	7,544	4,477	10,611
LINCOLN	38,889	40,000	1,111	2.9	1,516	1,485	31	1,080
LINN	91,227	96,100	4,873	5.3	4,271	2,754	1,517	3,356
MALHEUR	26,038	27,500	1,462	5.6	1,608	869	739	723
MARION	228,483	247,400	18,917	8.3	12,587	6,867	5,720	13,197
MORROW	7,625	8,450	825	10.8	404	184	220	605
MULTNOMAH	583,887	615,000	31,113	5.3	30,292	18,629	11,663	19,450
POLK	49,541	53,600	4,059	8.2	2,141	1,433	708	3,351
SHERMAN	1,918	1,850	-68	-3.5	72	68	4	-72
TILLAMOOK	21,570	22,900	1,330	6.2	849	861	-12	1,342
UMATILLA	59,249	63,000	3,751	6.3	3,229	1,790	1,439	2,312
UNION	23,598	24,300	702	3.0	999	696	303	399
WALLOWA	6,911	7,200	289	4.2	248	243	5	284
WASCO	21,683	22,500	817	3.8	942	783	159	658
WASHINGTON	311,554	351,000	39,446	12.7	17,777	6,780	10,997	28,449
WHEELER	1,396	1,500	104	7.4	39	59	-20	124
YAMHILL	65,551	70,900	5,349	8.2	3,183	1,708	1,475	3,874

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations to the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.

COMPONENTS OF POPULATION CHANGE BY COUNTY, FOR WHITES: APRIL 1, 1990 - JULY 1, 1993

	April 1 1990 Census Population	July 1 1993 Population Estimate	Population Change 1990-1993	Percentage Change 1990-1993	Births 1990-1993	Deaths 1990-1993	Natural Increase 1990-1993	Net Migration 1990-1993
STATE	2,684,543	2,855,150	170,607	6.4	127,750	80,889	46,861	123,746
BAKER	15,080	15,801	721	4.8	588	613	-25	746
BENTON	65,695	67,661	1,966	3.0	2,440	1,287	1,153	813
CLACKAMAS	270,814	291,710	20,896	7.7	12,468	6,823	5,645	15,251
CLATSOP	32,355	32,533	178	0.6	1,379	1,191	188	-10
COLUMBIA	36,708	37,724	1,016	2.8	1,548	1,026	522	494
COOS	58,130	60,010	1,880	3.2	2,305	2,261	44	1,836
CROOK	13,817	14,949	1,132	8.2	666	478	188	944
CURRY	18,707	20,375	1,668	8.9	665	773	-108	1,776
DESCHUTES	73,763	85,373	11,610	15.7	3,472	2,032	1,440	10,170
DOUGLAS	92,325	93,603	1,278	1.4	3,915	3,158	757	521
GILLIAM	1,698	1,721	23	1.4	51	50	1	22
GRANT	7,741	7,798	57	0.7	331	251	80	-23
HARNEY	6,745	6,582	-163	-2.4	267	221	46	-209
HOOD RIVER	16,315	17,312	997	6.1	947	464	483	514
JACKSON	142,636	152,649	10,013	7.0	6,366	4,593	1,773	8,240
JEFFERSON	10,870	11,889	1,019	9.4	592	284	308	711
JOSEPHINE	61,163	64,955	3,792	6.2	2,558	2,523	35	3,757
KLAMATH	54,338	56,741	2,403	4.4	2,559	1,734	825	1,578
LAKE	6,927	7,123	196	2.8	322	246	76	120
LANE	271,882	284,780	12,898	4.7	11,508	7,452	4,056	8,842
LINCOLN	37,500	38,148	648	1.7	1,443	1,457	-14	662
LINN	89,130	93,710	4,580	5.1	4,178	2,721	1,457	3,123
MALHEUR	24,727	26,168	1,441	5.8	1,570	834	736	705
MARION	218,295	235,840	17,545	8.0	12,063	6,800	5,263	12,282
MORROW	7,491	8,283	792	10.6	392	181	211	581
MULTNOMAH	513,621	535,951	22,330	4.3	25,327	17,234	8,093	14,237
POLK	47,823	51,697	3,874	8.1	2,064	1,412	652	3,222
SHERMAN	1,880	1,820	-60	-3.2	70	66	4	-64
TILLAMOOK	21,124	22,320	1,196	5.7	816	853	-37	1,233
UMATILLA	56,197	59,715	3,518	6.3	3,055	1,744	1,311	2,207
UNION	22,947	23,536	589	2.6	972	692	280	309
WALLOWA	6,844	7,115	271	4.0	239	243	-4	275
WASCO	20,447	21,040	593	2.9	884	764	120	473
WASHINGTON	293,899	328,566	34,667	11.8	16,588	6,676	9,912	24,755
WHEELER	1,382	1,490	108	7.8	39	59	-20	128
YAMHILL	63,527	68,462	4,935	7.8	3,103	1,693	1,410	3,525

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations to the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.

COMPONENTS OF POPULATION CHANGE BY COUNTY, FOR BLACKS: APRIL 1, 1990 - JULY 1, 1993

	April 1 1990 Census Population	July 1 1993 Population Estimate	Population Change 1990-1993	Percentage Change 1990-1993	Births 1990-1993	Deaths 1990-1993	Natural Increase 1990-1993	Net Migration 1990-1993
STATE	47,017	51,250	4,233	9.0	3,028	1,124	1,904	2,329
BAKER	30	30	0	0.0	0	0	0	0
BENTON	625	728	103	16.5	31	2	29	74
CLACKAMAS	1,144	1,582	438	38.3	57	20	37	401
CLATSOP	116	129	13	11.2	4	1	3	10
COLUMBIA	44	34	-10	-22.7	1	1	0	-10
COOS	148	146	-2	-1.4	9	2	7	-9
CROOK	13	10	-3	-23.1	0	0	0	-3
CURRY	32	20	-12	-37.5	1	1	0	-12
DESCHUTES	87	98	11	12.6	2	1	1	10
DOUGLAS	144	191	47	32.6	6	4	2	45
GILLIAM	0	0	0	0.0	0	0	0	0
GRANT	6	4	-2	-33.3	1	0	1	-3
HARNEY	3	3	0	0.0	0	0	0	0
HOOD RIVER	52	73	21	40.4	2	1	1	20
JACKSON	353	432	79	22.4	7	8	-1	80
JEFFERSON	24	25	1	4.2	2	1	1	0
JOSEPHINE	132	164	32	24.2	4	4	0	32
KLAMATH	405	482	77	19.0	16	10	6	71
LAKE	5	5	0	0.0	1	0	1	-1
LANE	2,131	2,580	449	21.1	103	26	77	372
LINCOLN	70	99	29	41.4	6	2	4	25
LINN	186	189	3	1.6	7	4	3	0
MALHEUR	74	69	-5	-6.8	4	4	0	-5
MARION	2,262	2,286	24	1.1	79	20	59	-35
MORROW	8	14	6	75.0	0	0	0	6
MULTNOMAH	35,598	37,774	2,176	6.1	2,535	966	1,569	607
POLK	205	233	28	13.7	8	3	5	23
SHERMAN	0	0	0	0.0	1	0	1	-1
TILLAMOOK	39	46	7	17.9	1	0	1	6
UMATILLA	390	381	-9	-2.3	10	9	1	-10
UNION	101	126	25	24.8	1	3	-2	27
WALLOWA	6	6	0	0.0	0	0	0	0
WASCO	69	88	19	27.5	1	1	0	19
WASHINGTON	2,140	2,800	660	30.8	126	27	99	561
WHEELER	1	1	0	0.0	0	0	0	0
YAMHILL	374	402	28	7.5	2	3	-1	29

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations to the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.

COMPONENTS OF POPULATION CHANGE BY COUNTY, FOR ASIANS*: APRIL 1, 1990 - JULY 1, 1993

	April 1 1990 Census Population	July 1 1993 Population Estimate	Population Change 1990-1993	Percentage Change 1990-1993	Births 1990-1993	Deaths 1990-1993	Natural Increase 1990-1993	Net Migration 1990-1993
STATE	70,239	86,100	15,861	22.6	4,529	598	3,931	11,930
BAKER	54	59	5	9.3	5	0	5	0
BENTON	3,913	4,265	352	9.0	187	11	176	176
CLACKAMAS	4,869	6,459	1,590	32.7	284	39	245	1,345
CLATSOP	451	523	72	16.0	25	2	23	49
COLUMBIA	285	374	89	31.2	19	2	17	72
COOS	583	686	103	17.7	30	2	28	75
CROOK	51	77	26	51.0	4	0	4	22
CURRY	123	175	52	42.3	13	1	12	40
DESCHUTES	450	562	112	24.9	27	2	25	87
DOUGLAS	679	888	209	30.8	35	6	29	180
GILLIAM	9	19	10	111.1	0	0	0	10
GRANT	18	18	0	0.0	4	0	4	-4
HARNEY	40	53	13	32.5	4	2	2	11
HOOD RIVER	314	307	-7	-2.2	20	4	16	-23
JACKSON	1,450	1,811	361	24.9	67	12	55	306
JEFFERSON	62	94	32	51.6	8	0	8	24
JOSEPHINE	468	489	21	4.5	27	4	23	-2
KLAMATH	473	546	73	15.4	21	7	14	59
LAKE	49	43	-6	-12.2	7	1	6	-12
LANE	5,613	6,840	1,227	21.9	299	34	265	962
LINCOLN	352	453	101	28.7	17	2	15	86
LINN	810	966	156	19.3	50	3	47	109
MALHEUR	847	839	-8	-0.9	24	29	-5	-3
MARION	4,272	5,033	761	17.8	256	19	237	524
MORROW	31	28	-3	-9.7	5	2	3	-6
MULTNOMAH	27,605	33,925	6,320	22.9	1,991	321	1,670	4,650
POLK	692	769	77	11.1	37	6	31	46
SHERMAN	14	12	-2	-14.3	0	1	-1	-1
TILLAMOOK	164	197	33	20.1	7	4	3	30
UMATILLA	564	652	88	15.6	27	4	23	65
UNION	285	339	54	18.9	18	1	17	37
WALLOWA	25	43	18	72.0	4	0	4	14
WASCO	243	327	84	34.6	18	2	16	68
WASHINGTON	13,582	17,261	3,679	27.1	950	71	879	2,800
WHEELER	2	2	0	0.0	0	0	0	0
YAMHILL	797	966	169	21.2	39	4	35	134

* This includes Asians and Pacific Islanders.

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations to the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.

COMPONENTS OF POPULATION CHANGE BY COUNTY, FOR NATIVE AMERICANS*: APRIL 1, 1990 - JULY 1, 1993

STATE	April 1 1990 Census Population	July 1 1993 Population Estimate	Population Change 1990-1993	Percentage Change 1990-1993	Births 1990-1993	Deaths 1990-1993	Natural Increase 1990-1993	Net Migration 1990-1993
STATE	40,522	45,500	4,978	12.3	2,142	552	1,590	3,388
BAKER	153	210	57	37.3	10	3	7	50
BENTON	578	646	68	11.8	17	5	12	56
CLACKAMAS	2,023	2,249	226	11.2	87	18	69	157
CLATSOP	379	515	136	35.9	21	7	14	122
COLUMBIA	520	668	148	28.5	15	0	15	133
COOS	1,412	1,658	246	17.4	47	27	20	226
CROOK	230	264	34	14.8	4	2	2	32
CURRY	465	730	265	57.0	16	6	10	255
DESCHUTES	658	767	109	16.6	33	12	21	88
DOUGLAS	1,501	1,718	217	14.5	48	17	31	186
GILLIAM	10	10	0	0.0	1	0	1	-1
GRANT	88	80	-8	-9.1	5	3	2	-10
HARNEY	272	262	-10	-3.7	13	10	3	-13
HOOD RIVER	222	208	-14	-6.3	7	1	6	-20
JACKSON	1,950	2,108	158	8.1	45	17	28	130
JEFFERSON	2,720	2,892	172	6.3	306	63	243	-71
JOSEPHINE	886	992	106	12.0	42	11	31	75
KLAMATH	2,486	2,531	45	1.8	179	44	135	-90
LAKE	205	179	-26	-12.7	5	5	0	-26
LANE	3,286	3,800	514	15.6	111	32	79	435
LINCOLN	967	1,300	333	34.4	50	24	26	307
LINN	1,101	1,235	134	12.2	36	26	10	124
MALHEUR	390	424	34	8.7	10	2	8	26
MARION	3,654	4,241	587	16.1	189	28	161	426
MORROW	95	125	30	31.6	7	1	6	24
MULTNOMAH	7,063	7,350	287	4.1	439	108	331	-44
POLK	821	901	80	9.7	32	12	20	60
SHERMAN	24	18	-6	-25.0	1	1	0	-6
TILLAMOOK	243	337	94	38.7	25	4	21	73
UMATILLA	2,098	2,252	154	7.3	137	33	104	50
UNION	265	299	34	12.8	8	0	8	26
WALLOWA	36	36	0	0.0	5	0	5	-5
WASCO	924	1,045	121	13.1	39	16	23	98
WASHINGTON	1,933	2,373	440	22.8	113	6	107	333
WHEELER	11	7	-4	-36.4	0	0	0	-4
YAMHILL	853	1,070	217	25.4	39	8	31	186

* This includes Native Americans, Eskimos, and Aleuts.

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations to the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.

COMPONENTS OF POPULATION CHANGE BY COUNTY, FOR HISPANICS*: APRIL 1, 1990 - JULY 1, 1993

	April 1 1990 Census Population	July 1 1993 Population Estimate	Population Change 1990-1993	Percentage Change 1990-1993	Births 1990-1993	Deaths 1990-1993	Natural Increase 1990-1993	Net Migration 1990-1993
STATE	112,708	147,300	34,592	30.7	11,080	871	10,209	24,383
BAKER	276	265	-11	-4.0	20	1	19	-30
BENTON	1,735	2,179	444	25.6	98	8	90	354
CLACKAMAS	7,129	9,329	2,200	30.9	605	42	563	1,637
CLATSOP	648	871	223	34.4	51	8	43	180
COLUMBIA	684	703	19	2.8	28	6	22	-3
COOS	1,353	1,608	255	18.8	79	9	70	185
CROOK	388	459	71	18.3	37	2	35	36
CURRY	354	541	187	52.8	28	2	26	161
DESCHUTES	1,526	1,960	434	28.4	96	15	81	353
DOUGLAS	2,225	2,498	273	12.3	112	21	91	182
GILLIAM	30	26	-4	-13.3	2	2	0	-4
GRANT	152	147	-5	-3.3	8	2	6	-11
HARNEY	221	242	21	9.5	6	3	3	18
HOOD RIVER	2,752	3,429	677	24.6	336	10	326	351
JACKSON	5,949	7,741	1,792	30.1	461	43	418	1,374
JEFFERSON	1,448	2,007	559	38.6	162	4	158	401
JOSEPHINE	1,749	2,270	521	29.8	102	25	77	444
KLAMATH	2,984	3,824	840	28.2	285	19	266	574
LAKE	270	332	62	23.0	16	1	15	47
LANE	6,852	8,660	1,808	26.4	437	52	385	1,423
LINCOLN	598	846	248	41.5	54	6	48	200
LINN	2,177	2,611	434	19.9	133	24	109	325
MALHEUR	5,155	6,141	986	19.1	670	58	612	374
MARION	18,226	25,055	6,829	37.5	2,249	150	2,099	4,730
MORROW	825	1,345	520	63.0	118	8	110	410
MULTNOMAH	18,390	23,425	5,035	27.4	1,590	176	1,414	3,621
POLK	2,802	3,432	630	22.5	275	24	251	379
SHERMAN	28	47	19	67.9	2	0	2	17
TILLAMOOK	374	470	96	25.7	26	3	23	73
UMATILLA	5,307	6,543	1,236	23.3	651	36	615	621
UNION	381	432	51	13.4	23	1	22	29
WALLOWA	113	105	-8	-7.1	10	0	10	-18
WASCO	1,065	1,604	539	50.6	125	3	122	417
WASHINGTON	14,401	20,731	6,330	44.0	1,827	80	1,747	4,583
WHEELER	12	18	6	50.0	0	1	-1	7
YAMHILL	4,129	5,404	1,275	30.9	358	26	332	943

* Hispanics may be of any race.

The 1993 population estimates are not counts and thus are subject to error. As with most population estimates, the accuracy generally increases with larger numbers. It is suggested that the user consider these estimates as approximations to the actual counts. Caution should be used when making policy decisions based on small numbers.

Source: Center for Population Research and Census, Portland State University, Portland, Oregon 97207-0751.